# Table of Contents

2021-2022 Catalog ................................................................................................................................. 3
Community College of Aurora Catalog .............................................................................................. 4
Academic Calendar ............................................................................................................................... 5
College Facilities and Locations ............................................................................................................ 6
Welcome to the Community College of Aurora ................................................................................... 7
Getting Started and Admissions ........................................................................................................... 9
Advising and Registration ..................................................................................................................... 14
Financial Matters ............................................................................................................................... 16
Academic Matters ............................................................................................................................... 20
Services for Students .......................................................................................................................... 25
My Student Record ............................................................................................................................. 30
Graduation Requirements .................................................................................................................... 35
Student Rights and Responsibilities ..................................................................................................... 37
Catalog Guide ....................................................................................................................................... 47
Guided Pathways ................................................................................................................................. 49
Associate Degrees and Certificates ..................................................................................................... 52
Associate of Arts Degrees (A.A.) ......................................................................................................... 53
Associate of Science Degrees (A.S.) .................................................................................................... 94
Associate of General Studies Degree (A.G.S.) ...................................................................................... 109
Associate of Applied Science Degree (A.A.S.) .................................................................................... 111
Articulated Degree with Metro State University ................................................................................... 130
Articulated with Pickens College .......................................................................................................... 131
Articulated with University of Colorado ................................................................................................ 132
Certificates ........................................................................................................................................... 133
Courses ................................................................................................................................................ 146
Addendum for 2021-22 Catalog ........................................................................................................... 195
Faculty and Staff ................................................................................................................................. 196
CENTRETECH CAMPUS
16000 E. CentreTech Parkway
Aurora, Colorado 80011
303-360-4700
303-360-4727 (Security)

LOWRY CAMPUS
710 Alton Way
Denver, Colorado 80230
303-419-5557 (Security)

www.CCAurora.edu
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Accredited by
The Higher Learning Commission of the North Central Association

Approved by
Colorado Commission on Higher Education

State Board for Community Colleges and Occupational Education

This catalog contains pertinent information affecting students, current through the date of its issuance. To the extent that any provision of this catalog is inconsistent with State Board for Community Colleges and Occupational Education Policies (BPs) or Colorado Community College System President’s Procedures (SP’s), the BPs and SPs shall supersede and control. BPs and SPs are subject to change throughout the year and are effective immediately upon adoption by the Board or System President, respectively. Students are expected to be familiar with and adhere to the BPs, SPs as well as College directives, including but not limited to the contents of this Handbook.

To access BPs and SPs, see https://www.cccs.edu/about-cccs/state-board/policies-procedures/

Nothing in this catalog is intended to create (nor shall be construed as creating) an express or implied contract or to guarantee for any term or to promise that any specific process, procedures or practice will be followed or benefit provided by the College. The College reserves the right to modify, change, delete or add to the information in this catalog as it deems appropriate.
2021 Summer Semester
Registration begins • April 5, 2021
Classes begin • June 1, 2021
Independence Day (college closed) • July 5, 2021
Classes End • August 9, 2021

2021 Fall Semester
Registration begins • April 26, 2021
Classes begin • August 23, 2021
Labor Day (college closed) • September 6, 2021
Faculty In-Service (college open, no classes) • November 23, 2021
Thanksgiving (no classes) • November 24-27, 2021
Classes End • December 11, 2021

2022 Spring Semester
Registration begins • November 1, 2021
Classes begin • January 18, 2022
Spring Break (college open, no classes) • March 21 - 26, 2022
Classes End • May 9, 2022
Commencement Ceremony • May 7, 2022

2022 Summer Semester
Registration begins • April 4, 2022
Classes begin • May 31, 2022
Independence Day (college closed) • July 4, 2022
Classes End • August 8, 2022

Schedule subject to change to match local school districts and other external schedules as necessary
Locations
The Community College of Aurora offers all services at our CentreTech Campus, located in the heart of Aurora. The Lowry Campus, located in Northwest Aurora, offers student services, general education courses, science labs, career and technical programs, technology programs and community services.

CentreTech Campus
303-360-4700 (Main)
303-360-4727 (Security)
16000 E. CentreTech Parkway, Aurora, CO 80011

Administration Building
1st Floor: Pathway Academic Advising • Admissions, Registration & Records • Career Center • Center for Recruitment & Orientation • Financial Aid • International Student Advising • Military & Veteran Services • Student IDs • Welcome Center
2nd Floor: Administration • Cashier’s Office • CCA Foundation • Human Resources • Student Affairs Administration • Testing Center • IT Helpdesk

Student Centre
1st Floor: Bookstore • Cafe • Office of Student Life • Quiet Study Areas • Rotunda • Transfer Success Program
2nd Floor: Colorado Opportunity Scholarship Initiative • Computer Labs • Library • Office of Disability and Equity • Office of TRiO Programs

Fine Arts Building
Forum • Larry D. Carter Theater • Performing Arts (Dance, Music and Theatre) • Enrollment Services for Concurrent Enrollment

Classroom Building
Arts & Communication Department • Behavioral Sciences Department • Business Department • English Department • Early Childhood Education and Teacher Preparation Department • English and Math Tutoring • English as a Second Language (ESL) Department • Humanities Department • Online Learning • Philosophy Department • Social Sciences Department • Translation and Interpretation Department • World Languages Department

Lowry Campus
303-419-5557 (Security)

West Quad
710 Alton Way, Building 903, Denver, CO 80230
Computer and Digital Technology Department • Computer Labs • Office of Student Life (Phi Theta Kappa, Student Clubs, and Student Government Association) • Science Department • Science Labs • Science Library • Lowry Student Services (Admissions, Registration & Records, Pathway Academic Advising, Career Services, Cashier, Financial Aid, Recruitment, TRIO, COSI, Testing, Welcome Center) • General Classrooms • Dr. Todd Bergren Conference Room

North Quad
9202 E. Severn Place, Building 901, Denver, CO 80230

Center for Adult Education• Communications • Community ESL • Institutional Research • Math Department • General Classrooms

Center for Simulation
9235 E. 10th Drive, Building 859, CO 80230
Health Science Department (Integrated Pathways to Nursing and Health Sciences) • Public Service Department (Criminal Justice, Emergency Medical Services (EMS), Fire Science, Police Academy, and Paralegal) • General Classrooms

Colorado Film School
9075 E. Lowry Boulevard, Building 965, Denver, CO 80230

Diesel
1060 Alton Way, Building 840, Denver, CO 80230
Skilled Trades Department (Diesel Mechanics, Logistics, and Construction)

Off Campus Sites
Colorado Home Building Academy
445 W 53rd Pl, Denver, CO 80216
Aurora Fire Rescue Training Branch
25950 E Quincy Ave, Aurora, CO 80016
The Community College of Aurora aspires to be the college where every student succeeds. In the pursuit of this vision, instructors and staff work hard to help students reach their goals and realize their potential. CCA students graduate from the college's programs ready to move to the next step in their lives, whether it's to earn a bachelor's degree or begin a new career.

**Community College of Aurora**

**CCA offers a culture of success**

Community College of Aurora is a student-centered institution with a laser focus on student success. Our goal is to enable students to achieve their goals. We provide personalized attention and education that builds self-confidence and prepares students for future challenges.

**CCA offers exceptional educational value**

We offer exceptional educational value to residents of Aurora, the greater Denver metropolitan area and beyond through our distinctive and innovative programs; immersive learning models; and dedicated, passionate and highly qualified faculty and support staff.

**CCA supports and cultivates community**

As an integral part of the greater Aurora community, we are an inclusive institution with a welcoming culture. We care for and support our students, promote equity in teaching and learning and provide students with a sense of belonging and an environment that cultivates enhanced self-esteem.

**CCA’s diverse learning environment helps prepare students for a global society**

CCA is a diverse community that enjoys and celebrates its diversity. The varied and extensive backgrounds of our students and employees foster a greater understanding of and compassion for one another, while broadening worldviews and providing a well-rounded knowledge base.

**Next Steps**

1. Flip through our viewbook at www.CCAurora.edu/about-cca/why-cca.
2. Learn more about CCA visit www.CCAurora.edu/about-cca.
3. Check out CCA programs of study visit www.ccaurora.edu/programs-classes/departments
4. Find out more about cost at www.CCAurora.edu/students/paying-college.
5. Get started on the application process at www.CCAurora.edu/students/getting-started.

**Inclusive Excellence Statement**

You matter. You are valued. You belong. CCA is a community that is committed to equity, diversity, and inclusion through inclusive Excellence. We can only achieve this together.

CCA embraces Inclusive Excellence because we want our students, staff, instructors, and faculty to learn and contribute within an inclusive environment. This means members of our College community will be active, respectful, and mindful of equity, diversity, and inclusion at all levels of engagement. Inclusive Excellence will provide a foundation for student and institutional success.

Recognizing our diversity is only the first step toward Inclusive Excellence. We must also be intentional in valuing cultural differences and experiences, while incorporating them into practices, curricula, and policies. The CCA community will be transformed through the following actions:

- Create an Inclusive Excellence plan
- Incorporate evidence-based and inclusive teaching strategies and curricula in the classroom
- Provide high quality, inclusive, and responsive programming and services outside the classroom
- Assess and evaluate the practices, policies, and outcomes of the College for inclusiveness
- Provide intentional faculty and staff professional development that focuses on the implementation of Inclusive Excellence
- Communicate support and direction for Inclusive Excellence through institutional leaders
- Identify, prioritize, and allocate resources that support Inclusive Excellence
- Foster a climate for open dialogue
- Facilitate Opportunities for cross-cultural interaction

Sonder is a five-part developmental series for CCA Student Employees that facilitates the learning of theoretical concepts surrounding Inclusive Excellence and reflects practical applications within personal lives, academic pursuits, and supporting the Student Employee’s department. If you would like to be added to a future Sonder cohort, or have any questions, please contact Mike Roderique, Inclusive Excellence Training Coordinator, at michael.roderique@ccaurora.edu or 303-360-4743. For more information about Sonder please visit this link https://www.ccaurora.edu/about-cca/inclusive-excellence/ie-cca-students.

To learn more about how to get involved in Inclusive Excellence please visit this website https://www.ccaurora.edu/about-cca/inclusive-excellence/council-meetings-leadership-team

**Accreditation**

CCA is accredited by the Higher Learning Commission, 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504, 1-800-621-7440. The college operates under the jurisdiction of Colorado Community College System. CCA students regularly transfer credits to state colleges and universities. Transfer information is available in the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, Room A102 and online at www.ccaurora.edu/students/student-right-know/.

**Equal Opportunity**

Notice of Non-Discrimination: The Community College of Aurora prohibits all forms of discrimination and harassment including those that violate federal and state law, or the State Board for Community Colleges and Occupational Education Board Policies 3-120 and 4-120. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. The Community College of Aurora will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

The College has designated Cindy Hesse, Director of Human Resources, as its Affirmative Action (AA) Officer, Equal Opportunity (EO), and Title IX Coordinator with the responsibility to coordinate its civil rights.
compliance activities and grievance procedures. If you have any questions, please contact her by e-mail at Cindy.Hesse@CCAuorora.edu, by phone at 303-360-4752 or by US mail at 16000 East CentreTech Parkway, Administration Building, Office # A207E, Aurora, Colorado 80011. Dr. Reyna Anaya, Dean of Students, serves as the Deputy Title IX Coordinator and may be reached by e-mail at Reyna.Anaya@CCAurora.edu, by phone at 303-360-4721 or at 16000 East CentreTech Parkway, Administration Building, Office # A106F, Aurora, Colorado 80011.

You may also contact the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Boulevard, Suite 310, Denver, CO 80204, telephone (303) 844-3417.

**Our Vision**
We aspire to be the college where every student succeeds.

**Our Mission**
The Community College of Aurora serves our diverse community by providing high quality instruction and support services to prepare students for transfer and employment.

**Our Values**
Respect, Collaboration, Quality, Access, Diversity and Inclusion

**Our Commitments**
Commitment 1: Academic Excellence
Commitment 2: Student Learning and Success
Commitment 3: An Inclusive College Culture
Commitment 4: Community Leadership and Service
Commitment 5: Institutional Growth and Excellence

**Institutional Outcomes - 4Cs**
All students at CCA are expected to develop competence in our institutional outcomes, the 4 Cs, in addition to competence in occupational and discipline knowledge. The 4 Cs are: Career & Transfer Readiness, Communication, Critical Thinking, and Cultural Competence. These skills are the foundation of students’ education at the Community College of Aurora. Students develop competence in one or more of these skills in all of their experiences at CCA, both inside and outside of the classroom.

**Career & Transfer Readiness**
Career and transfer readiness is the ability to adapt, commit to lifelong learning, and demonstrate knowledge and skills applicable in a global economy for successful transition into the workplace or continued coursework.

**Communication**
Communication is the ability to effectively express, impart, or exchange feelings, thoughts, opinions, and information both orally and in writing.

**Critical Thinking**
Critical thinking is the ability to analyze and evaluate information, evidence, arguments, and theories from multiple perspectives for use in the development of an opinion or conclusion.

**Cultural Competence**
Cultural competence is the ability to demonstrate awareness and integration of an intentional valuing of cultural differences and experiences in our decisions and interactions with all.

**Weather**
Generally, college policy is to remain open regardless of weather conditions, and to hold classes with the students and instructors who can reach the campus. Classes will not meet when buildings are closed for snow or emergencies. Students will be notified by the CCA Alert System. Metro-area radio and television stations make announcements regarding school closings. Many of the television stations also post closures on their websites.
GETTING STARTED AND ADMISSIONS

Getting Started Checklist

Starting college is a big step, but we’re here to help. The CCA website and following pages of this catalog include details on how to get started.

1. **Complete our Guided Pathways Quiz** - Find your passion. Earn your degree. Start your career. Use our Guided Pathways Quiz to discover the program and career that best fits your interests. Still unsure what to study? Contact Career Services at 303 340-7231.

   www.CCAurora.edu/guidedpathways

2. **Apply for Admission** - If you are new to CCA or have been away from CCA for a year or more, you need to complete the online application for admission. There is no deadline or fee to apply. A couple of days after you apply you will receive an email with your student ID number and initial password.

   www.CCAurora.edu/application

3. **Apply for Financial Aid** - Complete the Free Application for Federal Student Aid (FAFSA) to see if you are eligible for any kind of aid (grants, loans, work-study and scholarships). Financial Aid can take 4 – 6 weeks to process, so don’t delay!

   www.CCAurora.edu/aid   fasfa.ed.gov

4. **Meet the Assessment Requirement** - All students must meet assessment requirements in the areas of math and English to register for courses. You must do one of the following:

   A. Provide your Pathway Advisor with an unofficial copy of college transcripts from a regionally accredited institution showing successful completion of college level math and English coursework. Please note, that English courses taken outside of the United States do not meet Assessment or Transfer guidelines.

   B. Provide a copy of your ACT or SAT scores (no more than five years old).

   C. Take the placement test to assess your current academic skill level. It is important to be prepared for the test so that you can be placed into the appropriate courses. Before you take the test, you are strongly encouraged to review the assessment workbook and attend an assessment prep workshop.

   www.CCAurora.edu/accuplacer

5. **Login to CCA Navigate** - Login to your CCA Navigate account by clicking the Navigate icon in MyCCA. CCA Navigate will allow you to stay on track at CCA and to plan, schedule, and register for your courses. You will also use CCA Navigate to schedule appointments with your Pathway Advisor and plan courses for your program. Note: You will have access to Navigate 24 hours after you complete your application for admission.

   ccaaurora.navigate.eab.com

6. **Meet With a Pathway Advisor** - Your Pathway Advisor is here to help you select the right courses to complete your pathway of choice.

   www.CCAurora.edu/advising

7. **Register for Classes** - Remember to print a copy of your schedule a few days before the semester begins to get updated room information.

   www.CCAurora.edu/register

8. **Do You Have a Plan to Pay for Your Classes?**

   **Apply for the College Opportunity Fund COF**
   If you are a Colorado resident for tuition purposes and did not sign-up for COF through your admissions application, you can sign-up online. If you have any questions about your residency determination or COF, please contact the Admissions, Registration & Records Office at 303 360-4797.

   www.CCAurora.edu/cof

   **Apply for Scholarships**
   Apply for CCA Foundation Scholarships! Over $500,000 available in scholarships!

   www.CCAurora.edu/scholarships

   **Set Up a Payment Plan**
   It takes time for a financial aid award to apply to your student account. If you have not received an award letter and you have not processed an acceptance of your financial aid for the current term, you should setup a payment plan. Signing up for a payment plan early allows for the lowest down payment options and guarantees your spot in class.

   www.CCAurora.edu/payment

9. **Activate Your Email** - Your college email account is the official method of communication at CCA, so it is extremely important that you activate your account and check it frequently. Instructions to activate your account will be included in your Welcome letter from CCA.

   www.CCAurora.edu/email

10. **Attend Orientation** - First-time college students are required to attend orientation, but all students can benefit from attending! At orientation, you will learn about what it is like to be a student at CCA, your path to your career, how to pay for college, and much more. Orientation = Success!

   www.CCAurora.edu/orientation

11. **Get Your Student ID and Parking Pass** - You can get your Student ID card after you have registered for classes. The Student ID Request Form is located in MyCCA under Forms, Registration and Records. Stop by the Welcome Center at the CentreTech Campus or the Lowry Campus to get your parking pass.

   www.CCAurora.edu/id

12. **Buy Your Books** - Take your schedule to the bookstore to purchase your books. Buy your books before classes begin to be prepared.

   www.CCAurora.edu/books

13. **Choose a Refund Preference** - A little more than a week after you register for classes, your BankMobile refund code will arrive in the mail (look for the bright green envelope). This code is used to setup your refund preferences, so look for the envelope an activate your account when it arrives!

   www.CCAurora.edu/refund

**Special Note for Transfer Students**

Submit your official transcripts from any prior colleges you attended. CCA will transfer in any courses completed with a C or better that align with your chosen pathway at CCA.

www.ccaurora.edu/transfer-in
New Student Advising

All new students who have never attended college are required to meet with a Pathway Advisor prior to New Student Orientation. Pathway Advisors will provide students with information about Guided Pathways, academic programs, certificates and degree options. Students will receive assistance with creating class schedules, and learn how to register for classes.

Student Types

New Students

Individuals who have never attended an institution of higher education since graduation from high school must complete the application for admission and attend New Student Orientation (NSO). New students pursuing a degree or certificate are required to take assessment tests and meet with a Pathway Advisor to register for their first semester. Please see the Admissions Policy (p. 11) section of this catalog for further information. Students are encouraged to keep in contact with academic advisors throughout their educational programs.

Transfer Students (students transferring credits to CCA)

Students who have previously attended any college must complete the application for admission an indicate prior college attendance. Transfer students pursuing a degree or certificate at CCA are required to meet assessment requirements. Transfer students should meet with academic advisors to register for the first semester and are encouraged to keep in contact with academic advisors.

To initiate the transfer process, students should have official paper or electronic transcripts sent directly to the Community College of Aurora from previous accredited colleges and universities for official evaluation. CCA’s Credentials Evaluator will transfer in appropriate courses after students have done all of the following:

- Complete an Admissions Application
- Request that all colleges previously attended send official transcripts directly to CCA
- Please visit www.CCAurora.edu/transfer-in for transfer details.

Re-Admit Students

Former students returning to the Community College of Aurora after an absence of three or more consecutive semesters must complete the application form for readmission.

Guest Students

A guest student at CCA means that you will be taking summer courses that will move you toward degree completion at your home institution.

High School Students Participating in the Concurrent Enrollment Program

High school students enrolling under the Concurrent Enrollment program need to do the following:

1. Meet with their high school counselor to discuss eligibility and receive required paperwork.
2. Complete the CCA Application and apply for the College Opportunity Fund (COF).
3. Complete the CCA assessment test or provide ACT/SAT scores that meet course prerequisites.

4. Complete the Concurrent Enrollment Agreement and Registration Form with all signatures. Registration dates and times will be scheduled for students who have completed the Concurrent Enrollment Agreement and are approved by the school district to take CCA classes. Check with your school district for information related to tuition and fees. You will be responsible for the cost of textbooks and supplies. For additional information, call the Concurrent Enrollment department at 303-340-7513.

High School Students not Participating in the Concurrent Enrollment Program

Students need to do the following:

Students younger than 17 must complete a Request for Waiver of Admission Requirements form, obtained from either the Admissions, Registration and Records office or Lowry Student Services. This form must be approved by the Director of Advising and the President of the College. An approval will be based on a student’s academic history, determination of ability to benefit from college-level instruction, and overall educational goals. All applications must be submitted and approved 10 working days before the beginning of each semester. Please visit the Academic Calendar for important dates. For more information call Advising at 303-360-4929.

International Students

INTERNATIONAL STUDENTS

The college is authorized under federal law to enroll non-immigrant alien students. An international student (F-1) is a student who is not a U.S. citizen and is not classified by U.S. Immigration as a resident alien. These students do not qualify for resident tuition due to their F1 visa status. These students must see the Curriculum and Records Manager in the Admissions, Records, and Registration Department. For information regarding I-20 Review (including dates and times), go to www.CCAurora.edu/students/international-students. International students are required to complete the following steps:

1. Apply to the Community College of Aurora
2. Complete the International Student Intake Form
3. Complete the Affidavit of Financial Support and include a bank statement with the required amount of funds available. A statement confirming financial resources are sufficient, as determined by the college, to provide for stay in the United States. All Financial Information must be provided in U.S. dollars and in English.
4. Submit any prior academic credentials (high school or equivalent). If available students can submit transcripts for courses taken at an accredited U.S. college or evaluated foreign transcripts. See below for more information. Form I-20 will not be issued to an international student until all of the above documents are on file in International Advising and a decision to admit the student has been made. International students should allow sufficient time to gather and submit all required documentation so that an admissions decision and visa approval can be made.

The application and approval process can take up to six months for first-time applications and approximately 30 days for transfer applications. The earlier students apply, the better their chances are for a timely approval. Although CCA suggests early application, the college may not issue an I-20 after the deadlines in the chart below:

<table>
<thead>
<tr>
<th>First-Time Reinstatement Applications</th>
<th>Current International Students Seeking Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>July 1</td>
</tr>
</tbody>
</table>
Admissions Policy

Students seeking admission to the Community College of Aurora should submit an application for admission online at www.CCAurora.edu and click on Getting Started and then the Apply for Admission link. Staff are available to assist students in completing the application on site in the Admissions, Registration and Records office, CentreTech Campus, Administration Building, Room A116 and at the Lowry Campus at the Welcome Desk in the West Quad.

The college practices an “open door” admissions policy, which means that entry is generally unrestricted; however, the college reserves the right to place students in classes on the basis of academic advising, testing, pre-enrollment interviews, and past educational achievement. Certain college programs have specific admission requirements as well. The following minimum requirements are used as guidelines for admission:

1. All individuals, 17 years of age or older, who have a high school diploma, a General Education Development (GED) certificate, or who have not completed high school and do not intend to complete high school or a GED are admitted.
2. Students younger than 17 must complete a Request for Waiver of Admission Requirements form, obtained from either the Admissions, Registration and Records office or Lowry Student Services. This form must be approved by a Pathway Advisor and the College President. An admission decision will be based on a student’s academic history, determination of ability to benefit from college level instruction, and overall educational goals.

3. All new students must take the CCA approved assessment test or have appropriate ACT or SAT scores from a test taken within the last five years. State Board Policy requires that colleges assess their students to determine their levels of English, mathematics, and reading, and if needed, that students take developmental courses within their first 30 hours at the college.

All new students must meet Assessment Requirements which can be met in one of the following ways:

- Evidence of an Associate of Arts or Associate of Science Degree or higher
- Evidence of a C or higher in prior College Level English and Math courses (Please note that English courses taken outside the United States do not meet the Assessment or Transfer guidelines)
- Qualifying ACT or SAT scores that are less than 5 years old
- Qualifying approved assessment scores that are less than 5 years old
- English speaking ability is also required. If English is not your native language, you may be required to take the LOEP exam

ACT, SAT and college placement scores will be used to determine placement in both college-level and developmental education courses as appropriate. Please see the current class schedule for placement and prerequisite requirements.

All degree or certificate seeking students must meet Assessment Requirements. All students seeking to register for a course with prerequisites must meet Assessment Requirements (regardless of degree/certificate status). All students under the age of 20 must meet Assessment Requirements (regardless of degree/certificate status).

Admission to the college does not guarantee acceptance of a student into a particular course or program. Some students may need to enroll in certain courses to compensate for scholastic deficiencies or to meet established prerequisites. The college reserves the right to review and revoke the enrollment of any person who appears to be unable to profit from further education, as well as of those persons whose enrollment would not be beneficial to them or to the college and in accordance with Board Policy BP 4-10. The policy is online at https://www.cccc.edu/policies-and-procedures/board-policies/bp-4-10-admission-continued-enrollment-and-re-enrollment-of-students/.

Students who enroll in an occupational program, who receive financial aid, or who are on F-1 or M-1 student visa status must declare their degree or certificate program at the time of registration. Any changes in the declared degree or certificate must be recorded with the Admissions, Registration and Records office, and if the student is a financial aid recipient, with the Financial Aid office.

The Community College of Aurora does not require physical examinations as a condition for admission. Students who have a disability are encouraged to contact the Office of Disability and Equity, located in the Library, CentreTech Campus, Student Centre Building, Room S202, 303-361-7395 (V/TDD). This office provides academic support and accommodations to students with documented disabilities at no cost.

Residency Determination for Tuition Classification

Tuition classification is governed by state law (Title 23, Article 7, of the Colorado Revised Statutes of 1973, as amended) and by judicial decisions that apply to all public institutions of higher education in Colorado and is subject to change at any time. The college is required to apply the rules set forth in the law and does not have authority to make exceptions unless specifically permitted by law.

In-state status requires domicile in Colorado for one year prior to the first day of class. Domicile is defined as an individual’s true, fixed, and
At the beginning of the one year period, individuals are expected to take appropriate actions to demonstrate the intent to remain in Colorado permanently. This includes, but is not limited to:

- surrendering legal ties with their former state of residence,
- obtaining Colorado Driver’s License/Identification within the statutory period,
- registering motor vehicle within the statutory period,
- registering to vote in Colorado,
- obtaining permanent employment in Colorado,
- filing income tax in Colorado,
- any other factors that document the individual's intent to establish a permanent home in Colorado.

Individuals are qualified to begin the one year domicile period upon reaching 22 years of age, and thus would satisfy the one year domicile requirement at 23 years of age. The one year domicile period also begins upon marriage or emancipation if the individual is under 22 years of age. Individuals under the age of 23 are eligible for in-state tuition if a parent or court-appointed legal guardian meets the requirements of the tuition law.

The tuition law recognizes the special circumstances regarding military personnel, military veterans, certain recipients of education benefits through the Department of Veterans Affairs, Olympic athletes, inmates, and recent Colorado high school graduates or GED recipients.

Active duty members of the armed forces, as well as their spouse and dependent children, whose permanent duty station is in Colorado will be charged in-state tuition, even if the permanent duty station changes, as long as the student (armed forces member, their spouse or dependent child) is continually enrolled in classes. Service members should contact their military base Education Office for documentation which should be submitted to the Admissions & Records Office each semester.

**Colorado ASSET Bill**

Senate Bill 13-033, also known as the Colorado ASSET Bill, allows U.S. Citizens, Permanent Residents, and students without lawful status to receive in-state tuition through attendance and graduation from a Colorado high school or through attendance at a Colorado high school combined with obtaining the GED. Students may gain residency through meeting these requirements.

To qualify for Colorado ASSET in-state tuition, a student must:

- Have attended a public or private high school in Colorado for at least three years immediately before graduation or completion of a general equivalency diploma (GED) in Colorado. Three years is defined as six academic terms from three separate years immediately preceding graduation or completing the Colorado GED.
- Be admitted to a Colorado college or university within 12 months of graduation from a Colorado high school or completion of a Colorado GED or graduated from a Colorado high school or completed a Colorado GED before September 1, 2013 and have continuous physical presence in Colorado for 18 months preceding the start of the semester.
- Apply for COF and complete an affidavit with the College Opportunity Fund indicating that you have applied for legal presence or will apply as soon as you are eligible to do so.

**Initial Classification**

Students are classified as resident or non-resident for tuition purposes based on the information provided on the Application for Admission. Failure to answer all questions could lead to initial classification as a nonresident. After the student’s status is determined, it remains unchanged in the absence of satisfactory evidence to the contrary.

**Change in Tuition Classification**

New students who believe their initial tuition classification was based on incomplete information and wish to prove eligibility must submit a Correction Form by the census (drop) date of the earliest part-of-term in which they are enrolled. Continuing students who attended and paid non-resident tuition or individuals emancipated prior to 22 years of age shall have up to 30 days from the first day of class to complete the Petition for In-State Tuition.

Information submitted to qualify for in-state classification is subject to independent verification and will not be returned to students. Individuals submitting false information or falsified supporting documents are subject to both criminal charges and college disciplinary proceedings.

**Tuition Classification for Reverse Transfer Degrees**

When awarding a Reverse Transfer Degree to a non-active student, CCA will use the last known residency as listed in CCA’s student information system. This will not impact tuition classification as the student will have a registration hold placed for the term in which the degree is being awarded. Students will be made inactive for any future terms and must reapply for admission if they seek re-enrollment at CCA.

**Appeal Procedure**

Students who are denied in-state tuition will not be allowed to drop courses after the census date (add/drop deadline). Students are responsible for dropping all courses by census date even if a decision on the Petition for In-State Tuition has not yet been received or agree to pay the out of state tuition rate. Students who are denied in-state tuition may appeal the decision of the Tuition Classification Officer. The decision of the appeals committee is final and will not be overturned by the Colorado Department of Higher Education (CDHE).

CCA reserves the right to correct tuition classification after the deadline in cases where the college believes an error was made.

For more information regarding residency and tuition classification, please visit the Colorado Department of Higher Education’s website athttp://highered.colorado.gov or contact the Admissions, Registration and Records Office at 303-360-4797.

**Western Undergraduate Exchange (WUE) Program**

Students who are residents of Western Interstate Commission for Higher Education (WICHE) states may be eligible to request a reduced Western Undergraduate Exchange (WUE) tuition rate which is less than the non-resident rate. WICHE states include Alaska, American Samoa, Arizona, California, Commonwealth of Northern Islands, Federated States of Micronesia, Guam, Hawaii, Idaho, Marshall Islands, Montana, Northern Marianas, Nevada, New Mexico, North Dakota, Oregon, Palau, South Dakota, Utah, Washington, and Wyoming.

Students applying for the WUE program must provide evidence of domicile in the qualifying states and will be required to reapply for WUE each academic year.

Students are not permitted to apply time spent in the WUE program toward satisfaction of residency requirements for tuition purposes. Online courses are not eligible for the WUE tuition rate.

**Orientation**

New Student Orientation (NSO) marks your entrance to the CCA community and will introduce you to our campus and the services we provide. NSO is mandatory for students who have never attended college.
after high school. All students are encouraged to attend NSO if they are new to CCA or returning after being away for more than one year. During NSO you will learn about what it is like to be a student at CCA, your path to your career, how to pay for college, and much more. Orientation=Success! Information for New Student Orientation is available at www.CCAurora.edu/orientation.

Acceptance Letters
Acceptance letters are sent via email within a few days of application. If a student does not receive a letter, or has questions regarding the acceptance letter, please contact the Admissions, Registration, and Records Office, CentreTech Campus, Administration Building, A116, 303-361-7363.
**Advising**

Pathway advisors are available to guide students in choosing the correct Academic Pathway, degree or certificate program. Pathway advisors also assist students in selecting the appropriate courses for their degree or certificate program, and/or for transfer to 4-year institution.

**New Student Advising**

All new students who have never attended college are required to meet with a Pathway Advisor. An Advisor will provide students with information about Guided Pathways, academic programs, certificates and degree options. Students will also receive information and assistance needed to select and enroll in appropriate coursework, receive assistance with creating class schedules, and learn how to register for classes.

**Continuing Student Advising**

It is highly recommended that all continuing students contact a Pathway Advisor each semester as they progress through their educational programs. Pathway Advisors will help ensure students stay on track to achieve their educational goals. F-1 Visa students must meet with the International Student Advisor every semester prior to registration. Failure to do so may result in termination of their I-20.

**Online Advising**

Students can email their Pathway Advisor on CCA Navigate in MyCCA. If students do not have an advisor assigned to them they can call 303-360-4929 or email Advising@CCAurora.edu. Replies are typically provided within 48 hours.

**Non-Degree Seeking Students**

Students who are enrolling in coursework for a job upgrade or personal development are also encouraged to contact a Pathway Advisor prior to registration.

**Financial Aid Student Advising**

All students receiving financial aid should contact a Pathway Advisor prior to registering for classes to ensure satisfactory progress toward degree or certificate objectives. Financial Aid pays only for coursework that applies directly to a degree or certificate.

**Assessment/Course Placement**

The college assists students with course and educational program decisions through assessment and advising. Native English speakers take the Accuplacer to determine their current academic skills in reading, mathematics, and English. Non-native English speakers take the Accuplacer LOEP test to determine their level of English language proficiency. Pathway Advisors develop educational plans to enhance student success using assessment results.

Assessment is part of the advising process and educational planning and is available at both the CentreTech Campus and Lowry Campus. Students should plan to spend approximately one and a half hours taking the assessment (the LOEP test may require additional time). Information concerning pre-assessment workshops, study guides, and video tutorials are available online at www.CCAurora.edu/testing or call 303-360-4948.

**Students Intending to Transfer**

Students who are interested in transferring to a four-year college or university should familiarize themselves with the requirements of the institution to which they will transfer. Since graduation requirements vary among institutions, it is important to obtain assistance from a CCA Pathway Advisor when planning a transferable program of study.

Transfer information is available on the web, in the Admissions, Registration and Records office, CentreTech Campus, Administration Building, Room A102, the Lore Isa Wiggins Advising and Career Center on the CentreTech Campus in the Administration Building, and in the Student Services office, Lowry Campus, West Quad, Room 119, or online at www.CCAurora.edu/programs-classes/transfer-options.

**Registration**

CCA publishes a schedule of course offerings each semester and makes it available online. The schedule indicates procedures, registration dates, and tuition fees. All students will register online using a student ID number and password. Instructions are available online in the schedule of classes.

**Late Registration**

To promote student success, CCA strongly recommends that students plan in advance for the courses in which they enroll. After classes start, registration is not permitted and students will be referred to accelerated or second session courses. Students are encouraged to register well before the start of classes as indicated in the semester class schedule. For further information, call Admissions, Registration and Records at 303-360-4797.

**Schedule Changes**

Students may change their schedules (add/drop) after they have registered. Below are the general policies related to change of schedule:

1. The drop period extends from the beginning of registration through the refund date published in the Schedule of Classes. Students may add classes through the start of the semester. After the semester begins, registration is not permitted and students will be referred to accelerated or second session courses. See the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, or the Student Services office, Lowry Campus, West Quad, Room 119 for deadlines on classes that are not semester long.
2. Students will be assessed additional tuition and fees if credit hours added exceed hours dropped.
3. Students may add/drop through registration online, in the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, Room A102, or in the Student Services office, Lowry Campus, West Quad, Room 119.

**Student Load/Credit Hours**

Credit hours are awarded on a semester basis. A student can complete a degree program in four semesters by successfully completing 15 credit hours of required coursework each semester. A student may choose, due to personal circumstances, to extend completion time. The following is a guide for all semesters used for tuition and financial aid purposes:

- **Full-time**: 12+ credit hours
- **Three-quarter time**: 9-11 credit hours
- **Half-time**: 6-8 credit hours

Students receiving benefits through Veterans Affairs should contact Military & Veteran Services for information regarding the VA calculation of their course load.

**Credit Hour Overload**

Students may be allowed to register for more than 18 credit hours for the fall and spring semester and 15 credit hours for the summer semester if they have approval from a Pathway Advisor; this is dependent upon a GPA of 3.25 and evidence that the student can succeed.

**Drop for No-Show**

Although it is ultimately the responsibility of a student to drop a class that they do not plan to attend, CCA faculty members may report students who have not attended or submitted course assignments (exams, discussions, assignments, etc) as a "No Show" which will cause the student to be dropped from the class for the semester. To avoid being dropped, please plan to attend the early sessions of your class(es) and ensure that you meet all assignment deadlines.
Tuition
The State Board for Community Colleges and Occupational Education determines CCA’s tuition and it is subject to change. The tuition rate is listed in the Tuition and Fees section of the college website each semester.

College Opportunity Fund (COF)
The College Opportunity Fund (COF) provides a stipend to eligible undergraduate students. The stipend pays a portion of total in-state tuition when a student attends a Colorado public college or a participating private college. Eligible undergraduate students must apply, be admitted and enroll at a participating college. The stipend is paid on a per-credit-hour basis to the institution at which the student is enrolled. Courses taken as an audit are not eligible for the College Opportunity Fund (COF) stipend and will be charged at the non-stipend rate. The per-credit-hour amount is set annually by the Colorado General Assembly. Students who did not submit their COF application as a part of the Admissions Application may apply for COF and receive additional information via the Colorado Commission on Higher Education (CCHE) and online at highered.colorado.gov/Finance/COF/default.html. Students must authorize the COF each semester when registering for courses.

Military Personnel
Active duty members of the U.S. Armed Forces and their dependents stationed in Colorado are eligible for in-state tuition consideration. Under provisions of Colorado law, the college will permit non-resident active duty military personnel and their dependents to qualify for in-state tuition. Military personnel are required to obtain certification from the base personnel office to confirm that they are on active duty with a permanent duty station in Colorado. This documentation must be resubmitted each semester for students to receive in-state tuition. To receive the discounted rate, military personnel and their dependents must also sign up for COF (Colorado Opportunity Fund). For information, call 303-361-7363.

Western Undergraduate Exchange (WUE)
WUE is a program through which students in participating states may enroll at a special, reduced tuition level of the in-state tuition rate, excluding the College Opportunity Fund (COF). Participating states include Alaska, American Samoa, Arizona, California, Commonwealth of Northern Islands, Federated States of Micronesia, Guam, Hawaii, Idaho, Marshall Islands, Montana, Nevada, New Mexico, North Dakota, Oregon, Palau, South Dakota, Utah, Washington, and Wyoming. For more information, contact the Admissions, Registration and Records Office at the CentreTech Campus Administration Building, Room A116, 303 360-4797, Lowry Student Services, West Quad Room 119 or go online to http://wue.wiche.edu.

Financial Obligations of Students
A financial obligation to the Community College of Aurora occurs when you register for classes. Payment due dates for tuition and fees are published in the current class schedule and available online. You are financially obligated to pay for full tuition and fees for all class you have not officially dropped by the last day to drop (census date). Do not assume you have been dropped from a class for missing payment deadlines or not attending a class. Always check your detailed student schedule on the MyCCA portal.

In accordance with the State Fiscal Procedures, unpaid accounts at the end of the term will be forwarded to a collections agency. Such assignments to a collections agency may affect your credit rating and may result in the addition of collection fees, attorney fees, interest, or other costs. If you have a past due balance at CCA or any other college in the Colorado Community College System, you will not be able to enroll.
any additional classes and you will not be able to receive semester grades or a final transcript.

**Methods of Payment**

Each term the official payment due dates are published in the current class schedule. Payment in full or approved alternative payment arrangements listed below need to be in place by the due date. Your amounts due are available on the MyCCA portal after you register for classes. You are responsible for knowing your amounts due and making payment.

**Methods of Payment**

1. **Pay in full online:** Go to www.ccaurora.edu and log in to MyCCA using your student ID#. Click the Student Finance tab and under Payment Options, choose the “Pay Online with a Credit Card” link.
2. **Pay in full in person:** Visit the CentreTech or Lowry Campus Cashier’s Office. Payments can be made in the form of cash, checks, or credit cards (Visa, MasterCard and Discover only).
   - **CentreTech Campus,** 16000 E. CentreTech Pkwy, Aurora, CO 80011 - Administration Building, 2nd Floor, Cashier’s Office
   - **Lowry Campus,** 710 Alton Way, Denver, CO 80230 - West Quad Building, Lowry Student Services
3. **Sign up for a Payment Plan:** You may sign up for a payment plan through MyCCA, using your student ID#. Click the Student Finance tab and under Payment Options, choose the “Sign up for a Payment Plan” link. Follow the instructions to get set up. You will be charged a non-refundable fee, due immediately. Once your payment plan is set up, you can access it anytime through MyCCA. The following tools are available:
   - You can view your balance due, payments made, increases or decreases to your tuition and fee amounts, and other information.
   - If someone will be paying tuition and fees on your behalf, you can add an “Authorized Person” to your account.
   - If you would like to make a payment towards your tuition and fees in addition to your scheduled payment, you can use the “Make a Payment” option. Any additional payments made will decrease your total balance and result in an adjustment to your monthly payment amount.
4. **College Savings Plans - 529 Savings Plans or Private Scholarships:** All 529 Plans and private scholarship checks should be made payable to Community College of Aurora
   
   Mailing address: Community College of Aurora
   
   Attn: Cashier’s Office
   
   16000 E. CentreTech Parkway
   
   Aurora, CO 80015
5. **VA Benefits:** If you plan to use VA benefits to pay your student account, visit our Military & Veteran Services office for additional information and to get started. You can also find more information at: https://www.ccaurora.edu/students/military-veterans.
6. **Third Party Sponsorship:** Third party sponsor students are students who have their tuition paid for by a third party, such as an employer, a high school or another agency. A Third Party Authorization Letter must be received by the Cashier’s Office each semester by the payment due date to avoid being dropped. Your sponsor is billed and paid. All Third Party Authorization Letters must include the following:
   - Name and Contact Information for the Third Party Sponsor
   - Name of Student and which term is to be paid
   - Approval of total amount of tuition and fees the sponsor will pay
   - A FERPA Release Form signed by the student

For more information, visit: https://www.ccaurora.edu/getting-started/how-pay

7. **Financial Aid:** Once you have applied for financial aid, it can take several weeks to process your award. While your financial aid award is being processed, set up a Payment Plan to make sure you are not dropped from your classes for non-payment.

**Refund Policy**

**Class Cancellations**

When the College for any reason cancels a class section, the College will notify students via their college assigned email address. Students are entitled to a 100 percent refund. Students may choose from the sections still available to substitute for the cancelled class. Assistance is available in the Admissions, Registration and Records office, CentreTech Campus, Administration Building, Room A116, or in the Student Service office, Lowry Campus, West Quad, Room 119.

**Refund Processing**

Refund is automatically initiated when a class is cancelled by the College or dropped by the Student before the Last Day to Drop (Census Date). A refund will not be made if there is an outstanding balance on the student’s account. Only classes dropped by the course census date are eligible for refund. If you withdraw from a class, you are still responsible for charges.

If a Financial Aid recipient is eligible for a refund, the funds received will be transmitted to the student’s choice of refund preference. For any withdrawal in class(es) an adjustment of Financial Aid Award will be made accordingly. Financial Aid recipients who officially or unofficially withdraw from the College may owe a repayment of Title IV funds received. For more information about Financial Aid adjustments, please contact the Financial Aid Office regarding refund eligibility.

Refunds are processed through BankMobile. To set your refund preferences access BankMobile through the student MyCCA portal.

1. Through BankMobile, you may select an electronic deposit to your existing checking or savings account or you may choose to set up a new bank account with BankMobile.
2. You may also choose to receive a paper check in the mail directly from BankMobile, at your address on record with Admissions. Be sure to keep your address up to date.
3. If you do not choose a refunding preference, you will receive your refund via paper check mailed to your address on record with Admissions.
4. For more information about the BankMobile refunding process and your options, visit: https://www.ccaurora.edu/CCA-refund-information

**Drop for Non-Payment**

To help students avoid collection charges, Community College of Aurora (CCA) monitors and drops students from classes if tuition and fees have not been paid by the payment due date. The Drop for Non-Payment process runs on specific dates during the semester and these dates are published in the current class schedule and available online. Do not rely on the Drop for Non-Payment process to remove you from classes you do not wish to attend. Students must follow formal add/drop and withdrawal procedures of the College. Log into MyCCA to verify your
Financial Aid

Financial aid is money available to assist students with the costs of attending college. This assistance comes from the federal and state government, the college, and private sources. Financial aid includes grants, a work study program, student loans, and scholarships. Campus-based work study programs provide part-time employment for eligible students to earn money for their education.

The first step in applying for all types of financial aid is to complete the Free Application for Federal Student Aid (FAFSA) available online at www.fafsa.ed.gov. This application is used to apply for all types of federal, state and institution aid awarded by the college.

To be considered for work study awards, a student must indicate on the FAFSA that he or she wants student employment. The FAFSA is submitted directly to the U.S. Department of Education’s central processor.

A Federal Student Aid Report (SAR) is next sent to the student. An electronic Informational Student Information Report (ISIR), duplicating the student’s SAR, is then sent to the CCA Financial Aid office. This ISIR must be processed and have a valid Estimated Family Contribution (EFC), as determined by the college’s Financial Aid office, before a student is eligible for any financial aid funds.

Federal and state grants are available only to students who have not earned a bachelor’s or a professional degree. Students can access their financial aid student account through online services at www.CCAurora.edu, click on the MyCCA link. For more information on financial aid programs, access www.CCAurora.edu/college/scholarships.

Scholarship Programs

Several scholarships are offered at CCA at various times during the year. Information on private and institutional scholarships, applications, and processing deadlines is available in the Financial Aid Office, CentreTech Campus, Administration Building, Room A103B, in the Lowry Student Services Office, Lowry Campus, West Quad, Room 119, or online at www.CCAurora.edu/students/paying-college/scholarships.

Financial Aid Application Procedures

Students begin the application process when they complete and submit the Free Application for Federal Student Aid (FAFSA). Students are encouraged to complete these applications as early as possible after January 1. Priority for determining financial aid eligibility is given to students whose completed applications are on file with the CCA Financial Aid office by these dates:

- Fall Semester: May 1
- Spring Semester: November 1
- Summer Semester: April 1

General Eligibility Requirements

A student must meet the following general requirements to be eligible for federal, state, and institutional financial aid programs:

- Be a U.S. citizen, U.S. national or permanent resident or eligible non-resident.
- Be enrolled as a regular student pursuing an associate degree or a certificate in an eligible program.
- Have a high school diploma or a General Education Development (GED) Certificate or proof of completing a state approved home school program.
- Not be in default on a federal student loan or owe a repayment on a federal grant.
- Be registered with the Selective Service, if required.
- Meet and maintain the college and Financial Aid Standards of Academic Progress requirements.
- Have financial need as determined by the federal financial aid application (FAFSA).

Awarding Procedures

When all appropriate forms or documents have been received by the college Financial Aid office, the student’s file is considered complete. The Community of College of Aurora uses the following criteria to award financial assistance: Financial need, a valid Estimated Family Contribution (EFC), and a completed file for the new award year.

Students who have completed financial aid files by May 1 will receive priority consideration for the work-study programs. Failure to meet this priority date may result in some funds not being available to applicants.

Students can apply for a Federal Pell Grant throughout the award year. The deadline for submitting Student Aid Report (SAR) is the last day of the summer semester of the current award year. The last day to complete a FAFSA is generally June 30 of any given year for the award year.

Payment Authorization

The Financial Aid office initially awards students based on full-time enrollment. After the census date (the last day to add/drop courses), the awards will be adjusted to the actual enrollment level. Payment cannot be authorized for audited and withdrawn courses prior to the financial aid award being disbursed.

Return of Federal Funds

Federal Title IV regulates that a certain percentage of Title IV awarded funds be returned to the U.S. Department of Education or to the student loan lender when a student completely withdraws from all classes. These funds include: Federal Direct Loan and/or PLUS Loans, Federal Pell Grant, and Federal SEOG. The Colorado Student Grant is not affected by this requirement.

If a student drops a class that has not started and receives a 100 percent refund, aid is reduced to reflect the new enrollment status. All charges (e.g. tuition, books and supplies) will then be deducted from the total amount of the award and the remainder issued in the form of a check mailed directly to the student six weeks into the semester.

Students receiving all “F” grades are unofficially withdrawn from classes. Financial aid students who drop out without notifying the institution are considered having withdrawn at the last date that the student attended class. Students may owe the college for charges no longer paid by financial aid.

For more information about the procedure called Return of Title IV Funds and how returns are calculated, contact the Financial Aid office, CentreTech Campus, Administration Building, Room A103.
Maintaining Eligibility
To maintain eligibility for financial aid, students must comply with the federal, state, institutional, and/or donor rules and regulations that apply to the financial aid awards.

Students must continue to meet eligibility criteria and must reapply for financial aid in a timely manner each academic year. If a student withdraws, drops or changes from credit to audit status, the student may be required to repay a portion of the financial aid received. Students should check with the CCA Financial Aid office before changing enrollment status.

Students receiving need-based financial aid must maintain satisfactory, measurable progress each semester.

Standards of Satisfactory Progress Requirements and Procedures (Financial Aid Satisfactory Academic Progress Policy)
Each institution that receives Title IV funds is required by the U.S. Department of Education, Section 132 of the Higher Education Amendment of 1976, to define and enforce standards for satisfactory academic progress. Satisfactory academic progress measures a student’s performance in the following three areas: completion rate, grade point average (GPA), and maximum time frame. The Financial Aid Office is responsible for establishing and monitoring a standard of “satisfactory academic progress” for continuation of financial aid eligibility. The full policy is available online at www.CCAurora.edu/students/paying-college/financial-aid/policies-procedures.

Senior Citizens Tuition Grants
Senior citizens should contact the Financial Aid office to determine eligibility. To qualify for the Senior Citizen grant, a student must be 60 years of age or older by the end of the semester for which they are applying. The student is eligible to receive a 50 percent discount on resident tuition with a maximum of 12 credit hours per semester; however, all fees and any charges related to the course(s) are the sole responsibility of the student.

Information Regarding Financial Aid
Further information about financial aid scholarships and loan applications, rules and regulations governing programs, application procedures, payment procedures, and costs of attending the college is presented in the Financial Aid Handbook. This document is available online at www.CCAurora.edu/students/paying-college/financial-aid.
Developmental Classes for College-Level Work

In order to help ensure success in college-level courses, students should have developed basic skills in reading, writing, and mathematics. If the required assessment process indicates that a student does not have the necessary English, reading, or mathematics skills to succeed in college-level work, the student will enroll in college preparatory courses in these areas.

All pre-college work must be successfully completed within the first 30 semester hours at CCA. Although students receive grades and earn credit for pre-college level work, the credit does not apply toward the completion of a degree, and does not impact the GPA.

English as a Second Language

The Aurora Language Center (ALC) administers the college’s community and college preparatory English as a Second Language programs.

The ALC also offers resources and support for collaboration with the community and outreach to the area’s diverse population. The center provides life-skills, workforce, and academic-related English instruction to beginning and intermediate learners at the Lowry Campus. The director for the Community ESL Program can be reached at 303-340-7071.

The ESL College Preparatory Program offers basic, intermediate, and advanced composition, grammar, reading, and listening and speaking courses for ESL students. These courses generally meet at the CentreTech Campus and focus on preparing students for college-level study. The courses follow the regular CCA academic calendar and award college credit. For more information, call the administrative assistant at 303-360-4749.

Prior Learning Assessment

Your industry certifications, military or other professional training and experience, and scores from high school exam programs may qualify you to get college credits before you start taking classes, or allow you to skip certain courses as you progress in your program.

Through a process called Prior Learning Assessment (PLA), students who are enrolled at CCA and have declared a program of study may choose to demonstrate knowledge and skills that match required course competencies and receive college credit for what they know, eliminating the need to take certain classes. Students may request PLA credit for any course listed in the CCA course catalog and will be awarded credit for demonstrating mastery (meet or exceed “C” level work, or “B” level work where required by industry for certification) of the learning outcomes for the course.

Different ways to be pursue PLA include:

Exams

- Exam scores such as from Advanced Placement (AP), International Baccalaureate (IB) classes, the College Level Examination Program (CLEP) or a CCA-created exam may count for PLA credits.

- Boot camp, basic training, officer training school and other military training; training received through work, including apprenticeship programs, may be recognized for college credit.

- To learn more and explore your credit for prior learning options, visit the sections noted above as well as our frequently asked questions (FAQs). You may also talk to your advisor or reach out the to department chair for the course for which you want to request credit. We are here to help!

- Exams used to assess potential for PLA credit include standardized exams and exams created specifically for CCA courses.

- To the sections noted above as well as our frequently asked questions (FAQs). You may also talk to your advisor or reach out the to department chair for the course for which you want to request credit. We are here to help!

Portfolio

- A portfolio is a personalized set of materials you assemble to demonstrate in-depth knowledge and skills gained through work or community experience.

Military or Work-based Training

- Current industry certifications and licenses such as OSHA and many in IT fields may be applied directly toward matching courses.

Industry Certifications and Licenses

- Current industry certifications and licenses such as OSHA and many in IT fields may be applied directly toward matching courses.

Standardized Exams

CCA will award college credit through the PLA process if you receive the minimum required score noted in the CCA PLA Credit Crosswalk on any of the following standardized exams.

- Advanced Placement Test (AP) and International Baccalaureate (IB)

- If you completed Advanced Placement (AP) and/or International Baccalaureate courses in high school and received the required minimum test score, you can apply to receive college credit for those courses.

- College-Level Examination Program (CLEP) and DSST Examination Program

- The College-Level Examination Program (CLEP) and DSST Examination Program (formerly known as DANTES) are two widely recognized national credit-by-examination programs. CCA accepts scores from both programs. For additional information on available exams, fees and to register for an exam, check out the CLEP and DSST websites.

- CLEP exam vouchers must be purchased through the CLEP website. DSST exam vouchers may be purchased directly from the CCA Testing Center.
Once you pay for and receive your exam voucher, you may contact the CCA Testing Center (Testing@CCAurora.edu or 303-360-4948) to schedule a time to take your exam. Please note that an additional proctoring fee of $25 is required for exams taken at the Testing Center. Payment may be made at the Cashiers Office with cash, check or credit and must be made prior to taking your exam.

For additional information about available standardized exam options, costs and registration processes, check out the CCA Testing Center webpages.

**Challenge Exams**

In addition to standardized exam options, you may also request a course “challenge” exam developed by CCA faculty. These exams are called “challenge” exams because you are requesting the opportunity to demonstrate through a comprehensive examination that you have the knowledge and skills to pass the course without completing the learning activities required in the course. A challenge exam covers all of the content and learning objectives of the course for which you are requesting PLA credit, and may include a skills demonstration.

Challenge exams are charged a fee per course credit for each exam attempt with a maximum of two exam attempts per course per semester. Check the CCA PLA Credit Crosswalk for current exam costs.

To initiate the challenge exam process, contact the department chair for the course you wish to challenge. The department chair will guide you through the process.

**Portfolio Review**

A portfolio is a collection of evidence that demonstrate your mastery of the competencies for the course for which you are applying to earn credit. Examples of evidence or ways you may be asked to verify the knowledge and skills highlighted in your portfolio may include:

- Training records: If you have completed training through non-traditional methods or the work-place, you may provide documentation for this training. Documentation may include a lesson plan or the training content/competencies provided, dates of attendance, and/or other evidence of learning. You may also be required to include evidence of successful achievement of knowledge or skills, such as proficiency exam scores or internal certification documents.
- Work products: You may consider including work products – such as: design samples, a comprehensive report or manual, a website or computer program - to support your request.
- Competency demonstration: For some course competencies, you may be asked by the department evaluator to demonstrate your skills. The evaluator reviewing your portfolio will determine which skills must be demonstrated and will inform you of the acceptable locations and methods – such as, via video, on site, or through a third-party evaluator.
- Oral interview: The Content Expert/Evaluator may contact you for a verbal discussion of your portfolio as a supplement to the written information provided.
- Portfolio reviews are charged a fee per course credit. Check the CCA PLA Credit Crosswalk for current costs.

To initiate the portfolio review process, contact the department chair for the course for which you wish to develop a portfolio. The department chair will guide you through the process.

**Military or Work-based Training**

A number of national organizations have developed guides to help prospective students (and colleges) match previous military or work-based training with college courses and PLA credit opportunities.

**Military Service Members and Veterans**

Credit for knowledge and skills gained in the U.S. Military is generally recognized based on the American Council on Education (ACE) Military Guide as documented on a Joint Service Transcript (JST) for current or former Army, Coast Guard, Marine Corps, or Navy personnel. For Air Force personnel, credits from the Community College of the Air Force transcript (CCAF) will be transferred directly for courses shown on a CCAF transcript.

Military training classified by ACE in the vocational category is not considered college level and will not directly translate into college credit. If you wish to have military training in the vocational category considered for college credit, you may use the portfolio review or challenge exam options described in other sections.

Active service members or veterans may request a copy of their Joint Service Transcript on the Department of Defense website. The JST eliminates the need for the DD Form 295.

**Non-Military Students**

Students with previous work-based training who are not active military or a veteran may review the standard American Council on Education (ACE) guide, the National College Credit Recommendations Service, and the CCA PLA Credit Crosswalk to determine which, if any, of their previous work-based training has been mapped to college credit.

Once you have identified your PLA options, please complete the CCA PLA Request form and submit your completed form via mail or in person to the CCA Credentials Evaluator at the address below. You must also request that the agency issuing your required support documentation send those items directly to that same office at:

- Credentials Evaluator
- CentreTech Campus
- 16000 E. CentreTech Pkwy
- Aurora, CO 80011

The Credentials Evaluator will process the request within 30 days of receipt of the completed form and required documents, and will add the approved credits to your transcript unless additional information is needed in which case you will be contacted for follow up. For questions about credentials submission, you may contact the CCA Credentials Evaluator at records@ccaurora.edu.

**Industry Certifications and Licenses**

If you hold current industry certifications or licenses, you may be able to get equivalent course credit. Some certifications and professional licenses – such as, OSHA 10, Google IT Professional certificate, CompTIA certifications, certified nurse aid, to name a few – have already been recognized by CCA and aligned with specific courses to award PLA credit. Check the CCA PLA Credit Crosswalk for a list of predetermined PLA options for industry certifications and licenses, and the associated courses.

If your industry certification, professional licensure, or apprenticeship program is not included on the CCA PLA Credit Crosswalk, please contact the departmental chair for the course for which you are requesting PLA credit. The department chair will determine if the certification, licensure, apprenticeship program or workplace skills are eligible for immediate PLA credit recognition or if an exam or portfolio review process is required.
If you don’t meet the minimum requirements for demonstrating mastery, we encourage you to enroll in the course you were targeting. Your transcript will only reflect successful PLA attempts or actual course enrollments and grades. Any unsuccessful PLA attempt is not recorded on your transcript.

How does PLA affect my GPA? PLA credit will not count as part of your grade point average (GPA). PLA credits are simply entered on your transcripts as the appropriate number of credits being awarded without a letter grade.

May I use financial aid to pay for PLA? Does PLA affect my eligibility for financial aid? You may not use financial aid funds to pay for PLA costs. PLA will only affect financial aid in that PLA credits do not count towards your total credit hours considered for determining part- or full-time enrollment status. Please contact the Financial Aid office for additional information.

What happens to my PLA credits if I change majors? If you change majors, the PLA credit will remain on your transcript, but will only count towards your new major if the same course is part of your new plan of study. If your new major requires different courses, you will be responsible for completing all credit/course requirements for the new program.

Will PLA credits transfer? Any PLA credits earned will be documented on your transcript and, by law, must be accepted by other higher education institutions in Colorado provided that the PLA credits you received are part of the degree or certificate program at the institution to which you are transferring.

Commitment to Academic Excellence

The pursuit of Academic Excellence is an important priority at the Community College of Aurora, and we expect all students to demonstrate care and quality in their academic pursuits. Learning how to express original ideas, cite sources, work independently, and share results accurately and honestly are transferable skills for students beyond their academic career.

Maintaining academic excellence involves working with integrity:

- Creating and expressing your own ideas in course work
- Acknowledging and citing all sources of information
- Completing all work independently and/or with approved collaboration
- Sharing results accurately when conducting your own research or working in a laboratory
- Complying with all test and examination expectations and requirements

Behavior that violates academic integrity undermines the pursuit of academic excellence, and includes, but is not limited to:

- Plagiarism. The act of using someone else’s work without giving proper credit to the original source. The work can be expressed through writing, art, music, language and symbols, or media. Reusing your own work without proper citation (or approval of instructor) is also plagiarism.
- Cheating. The act of using or attempting to use an examination or other academic work, material, information, or study aids which are not permitted by the instructor. Cheating includes, but is not limited to:
  - Using books, notes, calculators or any other electronic devices, or copying from or conversing with others in the completion of academic work (unless such external aids are permitted by the instructor).
  - Having someone else do research, write papers, or take examinations for someone else.
• Submitting work completed in one class to fulfill an assignment in another class without prior approval from the instructor(s).
• Contract Cheating: a third party (i.e., GitHub, Dropbox, stack Overflow, Chegg, Quizlet, Clutch, Course Hero) completing a student’s academic work. This can include friends and family completing work for a student or the use of test banks, drop boxes, and/or paid subscription services as well as stealing, distributing, selling and buying academic work.
• Having someone complete academic work on your behalf.
• Fabrication. The invention of material or its source and its use as an authority in academic work. Fabrication includes but is not limited to: inventing the data for a scientific experiment; inventing the title and author of a publication in order to use the invented publication as a source; or knowingly attributing material to an incorrect source.

Academic Integrity Process for Students
When there is a potential violation of academic integrity, the student must be provided with due process, a right grounded in the Fifth Amendment to the United States Constitution. This right allows the student to receive notification and to share their perspective with a college representative(s) on the allegation at hand. By doing so, the process for resolving potential violations of academic integrity can be both educational and restorative for the student and the CCA community.

To access the full guideline related to academic integrity, including the process for potential violations of academic integrity for students, please visit https://www.ccaurora.edu/file/download/instruction214academicintegrity.pdf.

Attendance
Regular, punctual class attendance is necessary if students are to obtain maximum benefits from instruction. Students are expected to comply with attendance expectations set by individual instructors. They are expected to make up any classroom work assignments or other course requirements that are missed due to their absences.

Transferability of CCA Credit
Students who complete an Associate of Arts (AA) or an Associate of Science (AS) degree program at a Colorado public community college have a distinct advantage over other transfer students.

These degrees are designed to transfer into baccalaureate degree programs in Colleges of Liberal Arts and Sciences with junior standing for most majors at Colorado public four-year colleges, if students earn a C grade or better in all courses. Certain majors require essential lower-division prerequisites. Students need to see a Pathway Advisor and consult the transfer guide for assistance in selecting lower-division credits that will apply directly toward the baccalaureate degree. Information on statewide guaranteed courses is available online at http://highered.colorado.gov/Academics/Transfers/gtPathways/default.html. Credit earned through advanced placement, credit for prior learning, correspondence courses, CLEP, and other tested-only credit may not be applicable; the institution to which students transfer will evaluate these credits according to their own policies.

CCA has articulation agreements with many of the private four-year institutions in Colorado as well, and many of these colleges accept 60 to 90 or more credits from CCA. For more information, contact a Pathway Advisor at the CentreTech campus, Administration Building, Room A102 or Lowry Campus West Quad, Room 119.

If students follow the transfer guide for a specific degree program, their courses will apply toward the graduation requirements in their majors. Students who do not complete an AA or AS degree may transfer their credits to four-year colleges on a course-by-course basis. Transfer guides can be found on the Colorado Commission on Higher Education’s website at http://highered.colorado.gov/Academics/Transfers/Students.html.

Note: Some Colorado colleges and universities have special scholarship programs designated for community college students who complete an AA or AS degree. Contact a Pathway Advisor for more information.

To learn more about these opportunities, contact the transfer coordinator or Admissions Office at the chosen institution as soon as possible to start the transfer planning and financial aid process.

Academic Transfer
The associate of arts and associate of science are transferable to most Colorado public and private 4-year baccalaureate degree-granting institutions. Colorado’s agreement between public colleges and universities guarantees that any student who graduates from CCA with an A.A. or A.S. completing 60 credit hours and earning a grade of "C" or better, may transfer to a public baccalaureate program with a liberal arts and sciences major.

Statewide Designated Degree Programs
Start here. Finish there. Students who earn an associate degree at CCA in a designated degree program and who meet admission requirements can transfer to a public Colorado college or university as a junior in that designated field of study.

Guaranteed Course Transfer
Colorado has developed a statewide guaranteed transfer program called ‘gtPATHWAYS.’ This program ensures that certain courses at the college are guaranteed to transfer to any public college or university in Colorado as long as the courses are less than 10 years according to CDHE. Students should contact a Pathway Advisor at the earliest opportunity to review appropriate transfer guides.

An AA or AS Degree will Transfer to all Colorado Public Four-Year Colleges and Universities
If you
• complete your AA or AS degree, including 35 credits of state-guaranteed general education courses (gt pathways), and
• earn a C grade or better in each course

Then
• at least 60 hours of your AA/AS degree will transfer completely, upon admission, to a baccalaureate liberal arts and sciences major in Colorado’s public four-year institutions*

AND
• You are guaranteed to be able to finish your liberal arts and sciences baccalaureate degree in just another 60 hours.

Transfer credits, earned for prior learning, Advanced Placement, correspondence courses, CLEP and other tested-only credit may not apply. The transfer institution will evaluate these credits according to its own policies.

A list of guaranteed majors is available at: http://highered.colorado.gov/Academics/Transfers/gtPathways/programs.pdf.

Instructional Methods

Classroom Based
Class meetings are on-site and in-person.

Online
Class is entirely online with no real-time expectations.
Remote Real-Time
Class will be taught in real-time, with 100% remote delivery at pre-determined times. There is no scheduled in person attendance. Class will be 100% real-time live meetings delivered remotely via technology.

Hybrid
Class will have some live in-person components, and some on-line components. Percentage of on-line versus in-person can vary by class.

HyFlex
A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in person in real-time, or a combination of the two.

HyFlex with Lab
A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in-person in real-time, or a combination of the two. Lab will require in-person attendance.

Competency Based
Students will have a fixed amount of time to meet specific competencies before receiving credit for the class.

Continuing Education
This instructional method is reserved for non-credit courses, students take these courses through their college continuing education, community education, and/or work force development office and do not receive academic credit.
The services provided to assist you on your career path include:

- Career exploration
- Career and skills assessments
- Developing a career path
- Career development workshops
- Resume/Cover letter writing

Career Services

The Community College of Aurora’s Career Center provides a variety of online and face-to-face resources to assist you with identifying, planning for, and reaching your career goals. With a Guided Pathway approach, the Career Center staff can help you determine your CCA pathway and provide guidance along the way.

The services provided to assist you on your career path include:

- Employer connection opportunities: on campus recruiting, job shadow opportunities, and more
- Online internship and job boards
- Career Fairs and events

The Career Center is located on the CentreTech Campus in the Lore Isa Wiggins Advising and Career Center and on the Lowry Campus in Lowry Student Services. The center is open Monday through Thursday 9:00am until 6:00pm and on Friday by appointment. Individual appointments are strongly encouraged and can be scheduled in person at either campus, by phone at 303-360-4929 or in CCA Navigate.

College Bookstore

The bookstore is located in the Student Centre, CentreTech Campus, Room S107.

Counseling Services

Counseling Services provides a safe, confidential and welcoming place for students to talk about their concerns and experiences that are important to them. Counseling Services at CCA is free of charge to currently-enrolled students.

Call 303-360-4949 or counseling@ccaurora.edu to schedule an appointment. If you or someone you know are experiencing a mental health emergency and need immediate assistance, contact the Colorado Crisis Line at: 844-493-TALK (8255).

Emergency Assistance Fund Program

The Student Emergency Assistance Fund Program provides limited financial assistance to students who are unable to meet immediate, essential expenses because of a temporary hardship related to an unforeseen financial emergency and/or catastrophic event. This program is funded by donations to the CCA Foundation. For more information, please contact 303-340-7524.

Inclusive Excellence

You matter. You are valued. You belong. CCA is a community that is committed to equity, diversity, and inclusion through Inclusive Excellence. We can only achieve this together. CCA embraces Inclusive Excellence because we want our students, staff, instructors and faculty to learn and contribute within an inclusive environment. This means members of our College community will be active, respectful, and mindful of equity, diversity, and inclusion at all levels of engagement. Inclusive Excellence will provide a foundation for student and institutional success. Recognizing our diversity is only the first step toward Inclusive Excellence. We must also be intentional in valuing cultural differences and experiences, while incorporating them into practices, curricula, and policies.

The CCA community will be transformed through the following actions:

- Create an Inclusive Excellence plan
- Incorporate evidence-based and inclusive teaching strategies and curricula in the classroom
- Provide high quality, inclusive, and responsive programming and services outside the classroom
- Assess and evaluate the practices, policies, and outcomes of the College for inclusiveness
- Provide intentional faculty and staff professional development that focuses on the implementation of Inclusive Excellence
- Communicate support and direction for Inclusive Excellence through institutional leaders

The CCA CARE Team achieves its mission by:

- Building awareness about behaviors of concern and the referral process
- Supporting students holistically and helping them develop self-advocacy.
- Facilitating behavioral interventions that are both caring and preventative.
- Being available to students and their families
- Providing consultation and support to CCA faculty/instructors, staff, and administration
- Recommending guidelines to the college community regarding behaviors of concern to self and others

To make a referral to the CARE Team, please complete the online referral form, https://cm.maxient.com/reportingform.php?CCofAurora. For immediate attention, please contact Dra. Reyna Anaya, Dean of Students, at Reyna.Anaya@ccaurora.edu or 303-360-4721.

If the behavior you are observing poses an immediate threat or danger to self or others, please call or text Security: CentreTech Campus: 303-916-5275. Lowry Campus: 303-419-5557 or dial 911.

For more information on the CCA CARE Team, please visit www.ccaurora.edu/care.
Resources for Students with Disabilities

The Office of Disability and Equity (ODE) creates a learning environment that promotes self-advocacy and prepares students for academic success through information and resources, while focusing on individual needs with compassion, empathy, and inclusivity. ODE commits to collaboration with the CCA college community to recognize disability as a valued aspect of inclusive excellence.

For more information, go to www.CCAurora.edu/disability. The Office of Disability and Equity is in S202A, located at the CentreTech Campus in the Student Centre Building. You may contact us for more information by calling 303-360-7395, fax 303-340-7551, or email ODE.CCA@CCAurora.edu. Documentation of the functional impact the disability has on the student in a learning environment may be provided through the contact information listed above. Determination of reasonable accommodations will be made on a case-by-case basis. Please provide reasonable notice in order to allow us sufficient time to process the request.

Student Engagement and Retention

Colorado Opportunity Scholarship Initiative

COSI’s mission is to provide holistic support to students receiving scholarships through encouraging personal connection, increasing access to an engaging community, and inviting them to participate in relevant learning opportunities towards academic and career success.

The COSI Traditional scholarship program assists students in navigating their way through their time at CCA. The COSI Traditional program’s mission is to provide holistic support to students through coaching, and providing resources through educational workshops. Students wanting to join COSI Traditional will need to complete the General Scholarship Application. Students receiving the COSI scholarship or wanting more information on scholarships can contact Dani Diaz by email at Dani.Diaz@CCAuropa.edu by phone at 303-360-4760.

The COSI Career Connections scholarship program is designed to support students or students with spouses whose employment was impacted by the COVID-19 virus. This can include loss of hours, income and job as well as being unable to work due to family obligations or health concerns. Students wishing to participate in the COSI Careers program must be eligible, complete an interest form, and complete their degree or certificate program by May 2022. Scholarship recipients can expect to meet with an academic coach regularly and participate in workshops and program events with a focus on career success. For more information, please contact the COSI Careers team via email or phone at COSICareerConnections@CCAurora.edu or 303-360-4935.

The COSI Team office is located in suite 205 in the Student Centre building on the CentreTech campus down the hall from the library.

Military and Veteran Services

VA Benefits

Veterans and eligible dependents can use educational benefits at CCA. The veteran certifying official will complete the certification once a Certification Request is completed in MyCCA and any other required documentation is submitted each semester. All questions and forms should be submitted to Military & Veteran Services, CentreTech Campus, 303-360-4768. Additional information is available online at www.CCAurora.edu/students/military-veterans.
Students receiving education benefits through the Department of Veterans Affairs are only approved for courses toward their declared program at CCA and these are the only courses that the college can certify to the Department of Veterans Affairs. Students must declare a program objective with Admissions, Registration, & Records before the third semester at CCA. The VA will not pay for duplicated coursework that meets CCA program requirements, whether the coursework was earned through CCA, another college or university, or military training. CCA is required to report all non-punitive grades to VA. Students are responsible for ensuring that satisfactory arrangements have been made for payment of tuition to the college.

Under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(C)(4), VA requires that CCA evaluate your prior college credit and military training. The evaluation of previous postsecondary education and training is mandatory and required for VA beneficiaries. For students utilizing Veterans benefits who are approved for transfer credit as a result of this evaluation, the institution will grant appropriate credit, reduce the program length proportionately, notify the student and Veterans Affairs in writing of this decision, and adjust invoicing of the VA accordingly.

Military Deployment Procedures
Military personnel, and emergency management officials who are deployed on Temporary Duty (TDY) during a term should contact their instructor for special consideration. Documentation of official activation/deployment and TDY assignment is required, and any special considerations must be approved by the Vice President of Academic Affairs.

If a student receives new orders after the census (drop) date for classes and cannot make arrangements to complete their courses due to the military orders, they can submit a Tuition Credit and/or Late Withdraw Appeal for Extraordinary Circumstances appeal to Admissions, Registration, & Records, along with a letter and the orders showing the date orders were received.

Student Life
The Office of Student Life is here to help you get involved at CCA! We facilitate student learning through Involvement, Leadership and Service. We believe student involvement can help enhance your college experience, and provide opportunities for you to grow personally and professionally, while also developing leadership skills, lasting friendships, and a stronger sense of community. Student Life is committed to providing a welcoming and inclusive environment for all CCA students.

Involvement
- Have fun, meet other people and enhance classroom learning by attending lectures, panel discussions, awareness days, or community building activities.
- Develop leadership and time management skills by joining a Student-Led Organization (SLO). SLOs are a great way to get involved with campus events and activities. SLOs focus on academics, spirituality, culture, special interests and much more. Student Life staff can help you start a new SLO!

Leadership
- Participate in the myQUEST leadership program. myQuest is open to all students at CCA and will equip you with knowledge, skills, and attitudes to help you become an engaged and active leader. Society and employers are demanding leaders know more, and Student Life is committed to providing leadership programming to serve your needs. Learn more and get involved at www.ccaurora.edu/myquest.

Service
- Give back to the greater Aurora community by volunteering. Student Life promotes ongoing volunteer opportunities in the community. Ask us for more information!

To learn more and to get involved, contact us.

Website: www.ccaurora.edu/studentlife
Email: student.life@ccaurora.edu
CentreTech Campus: Student Centre, #S102, 303-340-4729
Lowry Campus: West Quad, Building 903, #110, 303-340-7525

Student Government Association
The Student Government Association (SGA) is the voice of the student body at CCA. The purpose of SGA is to promote student leadership and foster college pride. SGA is committed to addressing and serving the needs of students to enrich the college experience for all. You can run for an elected position or participate in regular meetings open to all students. To get involved please contact sga.ccaurora@gmail.com or stop by the Student Life office.

Phi Theta Kappa
Phi Theta Kappa is the International Honor Society of two-year colleges. The Alpha Pi Pi chapter here at CCA strives to provide members with leadership opportunities, and ways to get involved on campus and in the community. Students who have achieved a cumulative grade point average of 3.5 and above and have completed at least 12 credit hours at CCA are invited to join. Phi Theta Kappa sends invitations for membership at the beginning of every semester. For more information email student.life@ccaurora.edu or stop by the Student Life office.

Transfer Success Office
The Transfer Success Office is committed to improving the information that students receive regarding transfer and to ensure that our students have a clear and achievable path to transfer to their four-year institution. Whether you are already on track to transfer to a four-year institution or just beginning to consider transferring, the transfer success office and CCA are dedicated to helping all students achieve their goals.

The Transfer Success Office puts out events throughout the semester that are in charge of promoting college access, events like: transfer fairs, college campus visits, individual appointments with our transfer representatives, and highlighting of four-year institutions for the day at CCA. The transfer success program is open to all students, we are located at the Centretech campus in the student center is S203 and we also offer appointments at the Lowry campus to accommodate all students. If you ever have any questions about transferring or want help with finding the school that fits you best, do not hesitate to reach us by phone at 303-360-4754 or via email transfer@ccaurora.edu

TRIO Student Support Services Programs
The mission of the TRIO Student Support Services (SSS) programs is to provide comprehensive academic support to selected first-generation, low-income college students and students with disabilities to foster individual achievements and overall successes. The Community College of Aurora offers two Student Support Services programs:

- **TRIO Student Support Services (SSS)** - serves first-generation college students, students who are designated as low income or who have a documented disability. This program works with students who have English as their first language AND students who have English as a second or other language. This program is limited to 160 eligible participants each year.
- **TRIO Student Support Services English as a Second Language (SSS-ESL)** - also serves first-generation college students, students who are designated as low income or who have a documented
Student Health Insurance
CCA does not provide health insurance for students. Information about health insurance options for students is available at www.ccaurora.edu/health-insurance-information.

Student ID Cards
Student ID cards are issued once a student is registered for classes. A Student ID card can be used when you check in for college services such as at the library, tutoring, admissions, to see an advisor and more! Your Student ID also qualifies you for retail and shopping discounts. The Student ID Request Form is located in MyCCA under Forms, Registration and Records Forms. There is no charge for a student ID card. There is a replacement fee for a lost student ID card.

Testing Services
The CCA Testing Center provides a variety of testing services for students and community members. We strive to offer testing services in a minimal distraction environment, to administer placement tests, certifications, and credit-for-prior learning exams. Visit the Testing Center webpage to view a full list of our services. Testing is available by appointment at the following locations:

Testing Center, CentreTech Campus
16000 East CentreTech Parkway
Administration Building, Room A205
Aurora, CO 80011
Tel. 303-360-4948
Email: Testing@ccaurora.edu

Testing Center, Lowry Campus
710 Alton Way
West Quad, Room 119
Denver, CO 80230
Tel. 303-340-7239
Email: LowryTesting@ccaurora.edu

Placement Tests (Accuplacer and LOEP) – by Appointment at CentreTech and Lowry Campus. Visit www.CCAurora.edu/testing to schedule your appointment.

The ACCUPLACER® and LOEP help our Pathway Advisors determine where to begin your educational program. The test serves to ensure success in college by placing students in the appropriate-level courses.

Make-up and Accommodation Class Testing—by Appointment at the Lowry Campus only.

The CCA testing center partners with the Library to offer make-up and accommodated testing on the Lowry Campus. Prior coordination between the student and instructor is required to access this service. For more information about this process and scheduling an appointment, visit www.ccaurora.edu/students/support-services/library/make-up-and-accommodation-testing.

College-Level Examination Program (CLEP)—by Appointment at the CentreTech and Lowry Campus.

The CLEP is a series of examinations that may allow students to earn college credit for what students already know, regardless of where they learned it. CLEP is the most widely accepted credit-by-examination program in the United States. Meet with your Pathway Advisor to find out if this test is right for you. For more information on CLEP, visit www.CCAurora.edu/getting-started/testing/clep-dsst.

DANTES Subject Standardized Test (DSST)—by Appointment at the CentreTech Campus only.

The DSST program offers over 35 examinations in a wide range of college-level academic, technical, and business subjects. Meet with your Pathway Advisor to find out if this test is right for you. For more information about taking the DSST, visit www.CCAurora.edu/getting-started/testing/clep-dsst.

Active duty military members, who are part of the DANTES program, are eligible to take the CLEP and DSST for free at our CentreTech Campus. A valid military ID is required at time of check-in.

Other testing services available include Scantron, Pearson VUE, National Testing Network, HiSET, and various PLA exams.

For more information, please visit www.CCAurora.edu/testing.

Title V
Title V Grant-Asegurando serves the diverse student population of the Community College of Aurora through inclusive initiatives, programming,
and support. We are dedicated to achieving student success, eliminating equity gaps, and transforming CCA’s student experiences. We aim to improve retention, completion and transfer rates among historically underserved student populations. Asegurando establishes a student-centered culture where everyone thrives, and our community’s diverse lived experiences are embraced. Our Asegurando Learning Community can help you connect with resources on campus and in the greater Aurora community. Our Learning Community Coordinators are here to answer your questions, support you in understanding financial literacy, and can even help with scholarship applications. We aim to help each member of the Asegurando community achieve their individual college goals. Most importantly, we are here to have fun and learn to navigate a world as our genuine selves. Join us!

Contact us at: Alexandra.jackson@CCAurora.edu or Susan.Hua@CCAurora.edu
Catalog of Record Policy

Students enrolling at CCA will follow the provisions of the catalog in use at the time of admission. When students interrupt their continuous attendance at CCA for three consecutive terms or change their degree or certificate programs, they will become subject to the provisions of the catalog current with the next enrollment.

Degree and Certificate Changes

Before changing or adding certificates or degrees, it is recommended that you first consult with your Pathway Advisor to ensure the correct certificates and degrees are being selected, as changing programs may delay graduation/transfer and could impact Financial Aid eligibility. There are some certificate programs which are not eligible for Financial Aid.

Curricula changes must be made prior to the drop deadline for the semester. If you are seeking Financial Aid, you must be in an Financial Aid eligible certificate or degree to receive Financial Aid. If not in an eligible program by the drop deadline, you may become ineligible for Financial Aid for the term. Please consult your Pathway Advisor or Financial Aid prior to the beginning of the term.

Repeating Courses

If the exact same course has been taken two or more times at CCA, registration for that specific course will not be permitted until an action plan is created and approval is granted by a Pathway Advisor.

Grading and Evaluation

Student achievement is evaluated in relation to the attainment of specific course objectives. Achievement means successfully reaching an established level of performance. Levels of performance are indicated by alphabetical letters. These letter grades are recorded on the student's permanent transcript.

Grades are available at the end of each semester for all students. Grades may be accessed online at www.CCAurora.edu. Click on the MyCCA link and enter student ID number and password. Grades will not be provided by the Admissions, Registration and Records office during the time final grades are being processed. Any questions about grades during this time should be referred to the instructor.

Explanation of Grading Structure

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent or Superior</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Deficient</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>F</td>
<td>Fail (when course is offered with a pass/fail option)</td>
<td>NGPA</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>NGPA</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>NGPA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/A</td>
<td>Passing (A-level) work in a developmental course</td>
<td>NGPA</td>
</tr>
<tr>
<td>P/B</td>
<td>Passing (B-level) work in a developmental course</td>
<td>NGPA</td>
</tr>
<tr>
<td>P/C</td>
<td>Passing (C-level) work in a developmental course</td>
<td>NGPA</td>
</tr>
<tr>
<td>F/D</td>
<td>Passing (D-level) work in a developmental course</td>
<td>NGPA</td>
</tr>
<tr>
<td>F/F</td>
<td>Passing (F-level) work in a developmental course</td>
<td>NGPA</td>
</tr>
<tr>
<td>I/F</td>
<td>Incomplete for developmental courses (Rolls to F/F if not completed within required time period)</td>
<td>NGPA</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
<td>NGPA</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>NGPA</td>
</tr>
<tr>
<td>WD</td>
<td>Withdrawn administratively for cause</td>
<td>NGPA</td>
</tr>
<tr>
<td>WX</td>
<td>Withdrawn administratively through appeal (no fault)</td>
<td>NGPA</td>
</tr>
<tr>
<td>PLA</td>
<td>Prior Learning Assessment</td>
<td>NGPA</td>
</tr>
</tbody>
</table>

Placeholders:

- SP Satisfactory Progress | NGPA
- Z Grade not yet reported | NGPA
- CNG Conversion - No Grade | NGPA

Grading Symbols no longer in use effective Summer 2021:

- S Satisfactory | NGPA
- U Unsatisfactory | NGPA
- S/A Satisfactory (A-level) work in a developmental course | NGPA
- S/B Satisfactory (B-level) work in a developmental course | NGPA
- S/C Satisfactory (C-level) work in a developmental course | NGPA
- U/D Unsatisfactory (D-level) work in a developmental course | NGPA
- U/F Unsatisfactory (F-level) work in a developmental course | NGPA
- I/U Incomplete Developmental Course | NGPA
- AW Administrative Withdrawal | NGPA

Grading Symbols no longer in use effective Summer 2015:

- CPL Credit for Prior Learning | NGPA
- NGPA - Not Counted in GPA

I-Incomplete-The “Incomplete” grade is a temporary grade and is designed for students who, because of documented illness or circumstances beyond their control, are unable to complete their course work within the semester, but have completed a majority of the course...
work (defined as at least 75% of all course assignments and tests) in a satisfactory manner (grade C or better).

If circumstances beyond the student’s control prevent the student from completing a test or assignments at the end of the term, then it is the student’s responsibility to initiate the request for an “Incomplete” grade from the instructor. The instructor will determine whether the student has a reasonable chance of satisfactorily completing the remaining course activities in a timely manner.

In requesting an “Incomplete” grade, the student must present to the instructor the documentation of circumstances justifying the “Incomplete” grade. The instructor will submit an Incomplete Grade Contract, which must be approved by the division dean of academic affairs, and will be processed by the Admissions, Registration and Records office. Once an Incomplete Grade Contract is fulfilled by the student, the Instructor must submit a Grade Change to update the student’s grade in a timely fashion.

Students are encouraged to let instructors know, as soon as possible, if they are having difficulties with any part of the course. If the student and instructor cannot reach a resolution concerning an Incomplete grade, then the student should contact the instructional department chair or dean of academic affairs.

Incomplete grades which are not converted to a letter grade by the instructor after one subsequent semester (not including summer semester) will revert to a “default” grade assigned by the instructor. The default grade is the grade earned if no work on the Incomplete Grade Contract is submitted.

AU-Audited courses are not eligible for the COF stipend and this grade is not certifiable to the Veterans Administration.

Military personnel and emergency management officials who are required to go Temporary Duty (TDY) in the middle of a term should contact their instructor for special consideration. Documentation of official TDY assignment is required and special arrangements must be approved by the Vice President of Academic Affairs.

Grade Point Average (G.P.A.) Calculation

Grade points indicate the achievement of the student for the number of credits completed. To calculate a grade point average, multiply the credits by the points for the grade earned, total the credits and points, and then divide the grade points by the credits.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 111</td>
<td>Physical Anthropology</td>
<td>3</td>
<td>A</td>
<td>12 (3x4)</td>
</tr>
<tr>
<td>BIO 201</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>4</td>
<td>A</td>
<td>16 (4x4)</td>
</tr>
<tr>
<td>CSC 116</td>
<td>Logic and Program Design</td>
<td>3</td>
<td>B</td>
<td>9 (3x3)</td>
</tr>
<tr>
<td>ENG 121</td>
<td>English Composition I</td>
<td>3</td>
<td>D</td>
<td>3 (3x1)</td>
</tr>
<tr>
<td>POS 111</td>
<td>American National Government</td>
<td>3</td>
<td>F</td>
<td>0 (3x0)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>16</strong></td>
<td></td>
<td><strong>40</strong></td>
</tr>
</tbody>
</table>

Grades awarded for developmental courses will not be included in a student’s grade point average (GPA). Grading for developmental courses will utilize the developmental grade mode (S/A, S/B, S/C, U/D, U/F). The credits will count toward earned and attempted credits. GPAs for term recognition such as President’s List, Vice President’s List, and Dean’s List will not include developmental courses in the calculation.

Courses transferred to CCA from other colleges appear on the official transcript and fulfill course requirements when they align with a degree or certificate program, but do not impact the grade point average at CCA. Your grade point average at CCA is based only on the courses taken at CCA.

Total grade points divided by total credits equals the cumulative grade point average. Therefore, the grade point average for the above example would be 40 divided by 16, or 2.50.

A = 4 grade points • B = 3 grade points • C = 2 grade points • D = 1 grade point • F = 0 grade points

Honors Program

Community College of Aurora offers honors options for students who want additional educational challenges. Courses can be taken for honors credit, and students can earn honors distinctions upon graduation. Honors courses must be college-level; courses numbered 100 and below cannot be taken for honors credit. Students can opt to take selected courses for honors credit on a case-by-case basis by contracting with an instructor.

Recognition of Academic Excellence

Transcripts will note the following:

1. Graduation honors recognize outstanding academic achievement throughout a student’s academic career at the Community College of Aurora. The honors are awarded to students who complete the requirements for an associate degree and who earn a 3.5 or better grade point average in that program. Honors are designated as follows:
   - Summa Cum Laude - with highest honor - 4.00 cumulative GPA
   - Magna Cum Laude - with great honor - 3.75 to 3.99 cumulative GPA
   - Cum Laude - with honor - 3.50 to 3.749 cumulative GPA

2. Membership in Phi Theta Kappa -cumulative GPA of 3.5 or above, with a minimum of 12 semester hours in residency at CCA.

3. Honor designations are noted on transcripts each term to students who complete a minimum of 6 semester GPA producing credits at CCA with a 3.5 or better GPA for the term. Term honors are designated as follows (note: prior to the summer of 2021, 12 semester hours were required in the term to earn an honors designation):
   - President’s List - GPA of 4.0
   - Vice President’s List - GPA of 3.75-3.99
   - Dean’s List - GPA of 3.5-3.749

Academic Progress

CCA has policies and standards to help students know what to expect of CCA and what CCA expects of students. The following is a summary of the information students need to know. A Pathway Advisor can help students understand these policies, standards and rights as a CCA student.

Academic Progress Guideline

All CCA students are expected to maintain satisfactory academic progress. Recognizing the value of measuring academic progress for all students, CCA has established the following practice and procedures for measuring academic standing. This procedure is intended to be informational and helpful, but also establishes clear standards of academic progress that must be met and maintained in order to be a successful student at CCA. A student’s academic standing at one Colorado Community College System (CCCS) college will impact academic standing at all CCCS colleges.
Academic Progress Process

For students who have attempted fewer than 9 credit hours, CCA will monitor satisfactory progress through an academic alert process. These students are not subject to Academic Standing.

Academic Standing applies to all students who have attempted 9 or more college-level credits at a CCCS college, regardless of the number of term credits they attempt from that point forward. Academic Standing is applied consistently and uniformly within each CCCS institution. CCA will determine Academic Standing following the posting of the majority of term grades for each semester. Students placed on probation or suspension will be notified of their status. Suspended students will not be allowed to attend any CCCS college in the subsequent semester(s) unless an appeal is approved. Academic Standing status will be noted on the advising, official, and unofficial transcripts. The Academic Standing of a student is not specific or limited to CCA as it will impact a student’s enrollment at other CCCS colleges.

Academic Progress Definitions

Only college level classes will be used to calculate term and cumulative GPA’s.

- Summer courses are included in the calculation.
- Only courses taken “in residence” will be used for this procedure; “In residence” means courses taken at CCA. Courses taken elsewhere and transferred in do not apply. The GPA calculations for this procedure may not match those used for financial aid purposes.

Academic Progress Standards

Initial Standing: Student has attempted fewer than 9 cumulative credit hours with a cumulative GPA that is greater than or equal to 2.0 for all classes attempted.

Academic Alert: Student has attempted fewer than cumulative 9 credits with a cumulative GPA less than 2.0 for all classes attempted.

Good Standing: Student has attempted at least 9 cumulative credit hours and has a cumulative GPA greater than or equal to 2.0 for all classes attempted.

Probation: Student has attempted at least 9 cumulative credit hours and has a cumulative GPA less than 2.0 for all classes attempted.

Returning to Good Standing: By the conclusion of the Academic Probation term, the student must raise their cumulative GPA to at least 2.0. If this condition is met, the student returns to Good Standing.

Probation (continuing): If a student on Academic Probation earns a term GPA of at least 2.00 for all classes attempted during the term, but fails to raise their cumulative GPA to at least 2.0 for all classes attempted, the student will be allowed to attend the next term, but will remain on Academic Probation.

Suspension: If a student on Academic Probation earns a term GPA of less than 2.0 for all classes attempted, the student will be suspended and will not be allowed to enroll at any CCCS college for the next term, excluding summer term (as summer term may not be used as a “suspension term”).

Academic Progress Suspension Rules

- Summer term may not be used as a “suspension term”.
- Summer term may be used to remediate (improve) the GPA if approved by CCA. If a student wishes to enroll for summer term after being suspended, they will need to follow CCA’s Suspension Reinstatement Procedure.
- Initial suspension is for one term, excluding summer term.
- A second suspension is for two terms, excluding summer term.
- If a student, who has served the suspension time for initial suspension or second suspension, wishes to return, the student will be allowed to re-enroll only after meeting with a CCA Pathway Advisor. The student will be placed on Academic Probation.
- A third suspension is for two full years, or 4 academic terms excluding summers.
- If a student, who has served the third suspension time of two years, wishes to return, the student must meet with a CCA Pathway Advisor.

Academic Progress Suspension Appeals

- Students may appeal their suspension by following the CCA Suspension Reinstatement Procedure. If a student intends to transfer to another CCCS college, the student may appeal to the transferring CCCS college.
- If the student’s suspension appeal is approved, the student will be placed on Academic Probation.
- Students put on Suspension will be dropped from all courses for any future terms. Students will not be able to register for courses until they meet the requirements outlined in the Suspension Reinstatement Procedure. Students are ultimately responsible for their enrollment and need to check their enrollment schedule for accuracy.

Academic Progress Suspension Reinstatement Procedures

The Academic Suspension Reinstatement procedure requires that a student meet with a Pathway Advisor to review the Academic Suspension Reinstatement Packet. Students should prepare the following items and then schedule an appointment or visit the Advising Department during drop-in hours:

- A completed Suspension Reinstatement or Appeal form.
- A typed Letter of Appeal that explains the circumstances that lead to suspension and the steps taken to ensure these barriers have been addressed.
- Verify that you are in the correct degree or certificate program.
- Print a copy of your Degree Check program audit.

After review, the Pathway Advisor will notify the student of their reinstatement status in person or via their college email account. If the student is approved for reinstatement, the student must follow the planned and approved courses outlined in the Academic Reinstatement Plan. In order to continue enrollment at CCA, students must meet all requirements outlined in their Reinstatement Contract.

Grade Appeals

The student must initiate appeals regarding final grades within 60 calendar days after the end of the semester in which the grade was awarded. Before making an appeal, the student should first discuss the grade with the instructor, then, if necessary, with the department chair. If there is no resolution, the student can appeal the grade by submitting a written statement to the division dean of academic affairs explaining the problem. The dean will investigate and respond in writing within 15 business days.

Veteran Academic Standards of Progress

Academic Standards of Progress, as described in this section, apply to all CCA students, including those receiving education benefits through the Department of Veterans Affairs. If a student is suspended from school due to lack of academic progress while receiving VA benefits, benefits will be terminated for the length of the suspension and the student may need to appeal with VA to have benefits reinstated.
Repeated Courses

Most courses, provided they are still offered at CCA, may be repeated for a higher grade. Full tuition is charged for repeated courses. The grades for both the initial class and the repeated class will appear on the transcript; however, only the higher grade will be used in the GPA calculation. Permission of a Pathway Advisor is required to register for a class for the third (and any subsequent) time. Repeated courses apply only once to degrees and certificates.

Academic Renewal Policy

The purpose of academic renewal is to allow a student who the opportunity to remove a maximum of 30 semester credit hours of poor academic performance from the grade point average (GPA) calculation after a two year period of non-attendance and successful academic performance upon return to CCA.

Academic renewal applies only to courses taken at CCA and may be awarded only once. The original grade and credit hours remain on the permanent academic transcript and the number of credit hours is deducted from the student’s remaining COF hours. A notation on the transcript indicates that the academic renewal has been awarded and the grade point average has been adjusted. Once academic renewal is granted, it is irreversible. Credit excluded from the GPA calculation cannot be used to satisfy the requirements for completion of a CCA certificate or degree.

Students applying for academic renewal must complete the Academic Renewal Application form available from the Lore Isa Wiggins Advising Office, CentreTech Campus, Administration Building, or Lowry Student Services, West Quad, Room 119.

The following conditions must be met to apply for academic renewal:

1. The student must have two years of non-attendance at CCA to apply for academic renewal.
2. The student must complete six semester credit hours upon returning to CCA with grades of C or better before applying for Academic Renewal.
3. The academic renewal form must include a Pathway Advisor’s signature. A student concerned about a poor academic record is encouraged to meet with a Pathway Advisor to discuss CCA’s other academic progress options and strategies for academic success.
4. Applies to only D and F grades.

The academic renewal policy is applicable only to the Community College of Aurora. Other institutions receiving a CCA transcript for transfer of an academic renewal are not bound by this college policy and may choose to calculate the student’s transfer GPA to include all grades, even those excluded by CCA under this policy.

Students applying for academic renewal are responsible for investigating the impact of this process on their admissions at transfer institutions, financial aid grant and loan limits, remaining COF stipend eligible hours, Veterans Affairs benefits, and other agencies that limit credits attempted. For clarification of the scope and definition of this policy, contact the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, Room A102.

Withdrawing from a Class

Once a student has registered for a course, the college reserves space with the assumption that the student will complete the course. If unforeseen circumstances occur, the student can officially withdraw in person in the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, Room A116, and in the Lore Isa Wiggins Advising Center at Lowry, Lowry Campus, West Quad, Room 119, or online through MyCCA. Withdrawn courses will remain on the student’s record and official transcript at CCA with a grade of “W”. Students who do not officially withdraw or withdraw after the withdraw deadline will receive a grade of “F” on their permanent records. No refund is given for a course withdrawal which occurs after the published refund date and before the withdraw deadline.

Withdrawing from College

All students with six credit hours or more who withdraw from the college should start the withdrawal procedure with a Pathway Advisor in the Lore Isa Wiggins Advising Center, Administration Building, Room A102, or in the Student Services office, Lowry Campus, West Quad, Room 119.

Transfer Credit Evaluations

An official transcript must be mailed directly to CCA at Community College of Aurora, Attn: Credentials Evaluator, 16000 E. CentreTech Pkwy, Aurora, CO 80011 from the college where credit was initially earned or if your prior college offers a secure electronic transcript delivery system, have the transcript emailed to Records@CCAurora.edu. Transfer credit will be evaluated by course based upon the student’s declared degree or certificate. Generally, grades of “C” or better will be accepted in transfer.

Per the Colorado Department of Higher Education, all guaranteed transfer (GT) courses will be accepted for 10 years from the semester the start of the semester they were taken. All other courses and out of state classes will follow the timelines decided by the specific departments based on how quickly course material and the field the course resides in changes.

Below is the list of time frames for non-GT courses and for out of state courses.

<table>
<thead>
<tr>
<th>Degree</th>
<th>Acceptance Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts &amp; Humanities, English, History, Social &amp; Behavioral Science</td>
<td>Accepted Indefinitely</td>
</tr>
<tr>
<td>Math</td>
<td>20 years</td>
</tr>
<tr>
<td>Education, Science</td>
<td>7 years</td>
</tr>
<tr>
<td>Accounting, Computer Information Systems, Computer Networking, Computer Science</td>
<td>5 years</td>
</tr>
<tr>
<td>Paralegal</td>
<td>10 years</td>
</tr>
<tr>
<td>Emergency Medical Services, Nursing, and Health Professional</td>
<td>2 years</td>
</tr>
<tr>
<td>or department review of credentials</td>
<td></td>
</tr>
</tbody>
</table>

All courses not covered by this process will be evaluated by the transcript evaluator and exceptions will be at the discretion of the academic department where the course lies.

To initiate the transfer process, students should have official paper or electronic transcripts sent directly to the Community College of Aurora from previous accredited colleges and universities for official evaluation. CCA’s credentials evaluator will transfer in appropriate courses after students have done all of the following:

- Complete an Admissions Application
- Request that all colleges previously attended send official transcripts directly to CCA
- Please visit www.CCAurora.edu/transfer-in for transfer details.
- If you are a student who holds an international transcript and would like to have it evaluated for possible transfer of credit, you must first send the official transcript to a NACES-approved agency for evaluation, and translation, if necessary. Please visit https://www.ccaurora.edu/file/download/25991 for further instructions.
- Please note: The total number of transfer credits into any program will not exceed 75% of the total program to ensure students meet the 25% residency requirement for graduation.Confirmation letters will be mailed informing student that their transcript evaluation is complete and transfer credits are posted to their account. Students may review their degree plan including transfer credits through Degree Check. Students can access Degree Check by going to www.ccaurora.edu, logging into their MyCCA account, and then clicking on the Student
Community College of Aurora 2021-2022 Catalog

It is the responsibility of the student to provide all required documents. Credit is typically evaluated and posted to the student record within 30 days of receipt at CCA. Documents become the property of the college and will not be released to the student or transferred to other institutions.

Transcript Requests

The Admissions, Registration and Records Office, located at the CentreTech Campus, Administration Building, Room A116, maintains student records and issues transcripts. Students may request that a copy of their Community College of Aurora transcript be sent to another college, or to an employer by requesting a transcript through MyCCA, or the transcripts link on CCA’s website. The college encourages all students to request electronic delivery of their transcripts for both fast delivery and the lowest cost.

Change of Address and Telephone Information

It is the responsibility of students to update their current addresses, telephone numbers, and email addresses through their MyCCA account or in the Admissions, Registration & Records Department. If students are also employees of the Colorado Community College System, address changes must be made in person at the appropriate human resources office.

Student E-Mail

All students are assigned a student e-mail account after they register for their first course. Activate your account as soon as possible. Staff are available at both the CentreTech and Lowry campuses to help you activate your account. Your student e-mail account is the official method of communication with CCA.
Graduation Applications

Students who anticipate completing their degree or certificate requirements and meeting eligibility for graduation at the end of a semester must complete a graduation application prior to that semester's submission deadline. Early applications submission allows CCA’s Graduation Processor to review students records and ensure students are on-track to complete appropriate requirements in their final semester. Application deadlines are shown below:

<table>
<thead>
<tr>
<th>Planning to graduate at the end of:</th>
<th>Final Submission Deadline*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Semester</td>
<td>March 1</td>
</tr>
<tr>
<td>Summer Semester</td>
<td>July 1</td>
</tr>
<tr>
<td>Fall Semester</td>
<td>November 1</td>
</tr>
</tbody>
</table>

*Graduation Applications are processed in the order they are received. Applications received after a Final Submission Deadline will be processed for the following semester.

- Applications submitted prior to deadlines ensures that students are included in their accurate graduating class in the commencement ceremony program. NOTE: Spring/Summer applications received after the Spring Final Submission Deadline will not be included in the immediate Spring’s commencement ceremony program. Those students will be included with the Summer graduates in the following year’s commencement program.

The Graduation Application is available on MyCCA under the Student Tab where the Steps-To-Graduate icon is located. Prior to submitting a Graduation Application, students should complete the following:

- Review Degree Check
- Verify they are declared in the accurate degree/certificate program intended for completion.
- Review Degree Check to ensure registration and completion of all program requirements.
- If there are questions or concerns regarding declared programs or program requirements, please speak with a Pathways Advisor at 303-360-4929 to clarify prior to submitting an application
- Review and accept acknowledgements upon opening the graduation application.
- Complete and submit a graduation application.

Degree and Certificate Policies

1. Students enrolling at the Community College of Aurora will follow the provisions of the catalog in use at the time of admission. When students interrupt their continuous attendance at CCA for three consecutive terms, or change their degree or certificate program, they will become subject to the provisions of the catalog current with their next enrollment.
2. Students should complete the course requirements as prescribed by the specific degree or certificate program.
3. Students must maintain a required grade point average of 2.0 (C) in all credit applicable toward a degree or certificate.
4. For A.A.S. degrees and certificates, students should earn at least a C in all courses in the area of study (e.g. students working on a program in business must earn a C or higher in all business related coursework). D grades in general education coursework may allow graduation, but likely will not transfer to other institutions.
5. As of May 29, 2012 (summer semester 2012), “D” grades earned will not be applicable to A.A., A.S., and A.G.S. degrees at CCA.
6. To graduate with a degree or certificate from CCA, 25% of all coursework applicable toward that degree or certificate must satisfy residency requirements.

   a. Residency requirements at CCA are:
      i. Credit hours completed at CCA
      ii. Credit hours completed at CCCOnline through CCA
      iii. Credit hours that are 100-level or above and applicable towards your degree or certificate requirements
   b. Residency requirements at CCA do not include:
      i. Transfer credits
      ii. English as a Second Language credits
      iii. Developmental Education credits
      iv. Prior Learning Assessment credits
      v. Credit hours that are 100-level and above but that are not applicable towards your degree or certificate requirements

7. To obtain a single degree or certificate at CCA, a student must complete all program requirements and satisfy all residency requirements (see item 6 above). For example, a 60 credit hour degree requires that a student complete 15 credit hours following residency guidelines.
8. To obtain a second degree from CCA, a student must complete all program requirements, satisfy all residency requirements (see item 6 above), and complete an additional 15 credit hours that meet residency requirements at CCA. The additional 15 credit hours must be unique to the second degree and not used for completion of the first degree.
9. The college reserves the right to substitute or delete course work requirements based on current curriculum. Students are assured that if the curriculum does change, the college will make every effort to determine an equitable solution.
10. No more than six semester hours of special topics may be applied to any associate degree program.
11. No more than six semester hours of independent study courses may be applied to any associate degree program.
12. No more than six semester hours of directed study courses may be applied to any associate degree program.

Graduation Requirement Appeals

Students should initiate appeals regarding completion of graduation requirements within 60 calendar days after the decision was rendered. To submit an appeal, the student should contact the CCA graduation processor in writing. The graduation processor will work with the registrar, student, department chair and division dean of academic affairs as appropriate. The Office of Admissions, Registration, and Records will respond in writing within 15 days.

Automatic Graduation

Students should submit graduation applications by the published deadlines to ensure that they are evaluated and graduated in the correct semester. In some circumstances, the college may automatically graduate students from programs as they are completed without an application. Students who are automatically graduated are notified by email of their graduation status.

Reverse Transfer

Reverse Transfer, also known as “Colorado Reverse Transfer”, is a platform set up for certain qualifying Associate degree programs, which allow students who have transferred out of CCA before graduating to a four year state college or university in Colorado, the ability to transfer credits completed at the four year institution back to CCA to fulfill the remaining
Associate degree requirements. Students must 'opt in' to the program, and must have completed at least 15 credit hours (with residency) at CCA to qualify for Reverse Transfer Degrees.
Consumerism Compliance

The Community College of Aurora (CCA) will disclose and provide access to information to our students, prospective students, employees and prospective employees pursuant to 34 C.F.R § 668.46. This information will be contained in the CCA schedule that is available online every semester. In addition, required disclosures to employees will be in the form of an email that is sent once a semester and is also available online at www.CCAurora.edu.

Disclosure

The CCA Web site has updated disclosure information on the following:

- Annual Campus Security Report and Students Right to Know
- Completion/graduation rates
- Drug and alcohol prevention
- Family Educational Rights and Privacy Act (FERPA)
- General information about the college: accreditation, financial aid, and equal opportunity
- Voter Registration

Notice of Non-Discrimination

Notice of Non-Discrimination: The Community College of Aurora prohibits all forms of discrimination and harassment including those that violate federal and state law, or the State Board for Community Colleges and Occupational Education Board Policies 3-120 and 4-120. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. The Community College of Aurora will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

The College has designated Cindy Hesse, Director of Human Resources, as its Affirmative Action (AA) Officer, Equal Opportunity (EO), and Title IX Coordinator with the responsibility to coordinate its civil rights compliance activities and grievance procedures. If you have any questions, please contact her by e-mail at Cindy.Hesse@CCAurora.edu, by phone at 303-360-4752 or by US mail at 16000 East CentreTech Parkway, Administration Building, Office # A207E, Aurora, Colorado 80011. Dr. Reyna Anaya, Dean of Students serves as the Deputy Title IX Coordinator and may be reached by e-mail at Reyna.Anaya@CCAurora.edu, by phone at 303-360-7421 or at 16000 East CentreTech Parkway, Administration Building, Office # A201I, Aurora, Colorado 80011.

You may also contact the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Boulevard, Suite 310, Denver, CO 80204, telephone (303) 844-3417.

Student Right to Know and Campus Security Act

CCA supports and complies with the Student Right to Know, Campus Security Act and the Jeanne Clery disclosure requirements.

In accordance with 20 U.S.C. §1092, information about campus security is available online at www.ccaurora.edu/students/student-right-know and from the Director of Campus Security, CentreTech Campus, Administration Building, Room A103J. The College’s Annual Security Report (ASR) can be found at the Lowry Campus and can be obtained online through the Colorado Community College System Web site at www.cccs.edu. Electronically, you may find a copy of both Lowry and CentreTech’s ASR at the Campus Security and Safety link on www.CCAurora.edu. You may receive a paper copy of the College’s Annual Security Report by requesting one at the Security Office on the CentreTech Campus, Administration Building, Room A101. A list of registered sexual offenders in the area can be obtained through the Aurora Police Department at 303-739-6308 or online at http://sor.state.co.us/. Security at the CentreTech Campus is located in the Administration Building, Room A101, 303-360-4727. The Security office for the Lowry Campus is located at 700 Boston Street, 303-419-5557 or 720-858-2731.

Administrative Responsibility

Responsibility for CCA Security at the CentreTech Campus is assigned to the Campus Security under the supervision of the Vice-President of Administrative Services. Responsibility for CCA security at the Lowry Campus is assigned to Lowry Campus Security under the supervision of the Vice President for Administration and Finance for the Colorado Community College System.

Level of Security

The Community College of Aurora strives to provide a safe and healthy environment that enhances the learning process. Each student and employee should be able to attend classes, work on campus, and/or participate in activities with a feeling that they are in an environment that is safe and secure. The college provides its students and employees with a level of security equal to that afforded similar activities throughout the community.

Drug and Alcohol Prevention

CCA supports the efforts of local, state, and federal governments in promoting a drug-free America, pursuant to Public Law 101. Information and policies are available in the Office of Student Intervention & Conduct, CentreTech Campus, or online at: http://www.ccaurora.edu/students/student-right-know/drug-alcohol-prevention.

Family Educational Rights and Privacy Act (FERPA)

CCA complies fully with the Family Educational Rights and Privacy Act, 20 U.S.C. §1232q, which is designed to protect the privacy of student educational records and to ensure the rights of students to examine their records. More information is available in the Admissions, Registration and Records office, CentreTech Campus, Administration Building, Room A102 and online at https://www.ccaurora.edu/right-know-information.

Students who wish to have student record information released to a third party (parent, employer, another college, etc) must complete a FERPA Release Form, Records Release Form or Transcript Request as appropriate for the type of information being released. Please see the Admissions, Registration and Records office for assistance.

FERPA General Guidelines

Students have three primary rights under the Family Educational Rights and Privacy Act (FERPA). These are: 1) to inspect and review their educational records, 2) to have some control over the disclosure of information from their education records and 3) to seek to amend their education records.

The Office of the Registrar takes full responsibility for the security of academic records. Under the federal Family Educational Rights and
Community College of Aurora 2021-2022 Catalog

Privacy Act, the information in students’ files may be released only under specific conditions. Current or former students of CCA have complete access to their records in compliance with requirements under the Federal Family Educational Rights and Privacy Act of 1974, 20 U.S.C.§1232q. Students may view them upon request at the Admissions, Registration and Records office. If students feel the records contain errors, they may appeal in writing to the Registrar.

FERPA requires institutions to give public notice to students of the categories of personally identifiable information, which the institution has designated as public or directory information. Colleges may disclose directory information without prior written consent of the student, unless the student requests in writing to the contrary no later than the first official class meeting date of each semester.

Directory Information for FERPA

It is in the best interest of student safety and privacy to limit the disclosure of directory information to items that would provide immediate access to a student. Immediate access to a student could be obtained by disclosing student address, telephone number, or class schedule.

The following information is permissible for release and is considered part as the college's directory information:

- Student name
- Major Field of study
- Participation in officially recognized activities and sports
- Dates of attendance (semester, not individual class dates)
- Degrees and awards received
- Most recent educational institution attended
- Enrollment status (e.g. full-time, half-time, less than half-time, withdrawn, graduated or deceased)

Student's names and dates of attendance at CCA are considered public information. CCA responds to inquiries in this regard, whether they are made in person, by phone or in writing. Other items are also considered public information, but disclosure can be prevented. The Admissions, Registration and Records office must receive a written statement requesting the information to be withheld. Directory items can appear in college directories and publications or be disclosed by staff to anyone inquiring in person, by phone, or in writing.

Student names may be released for graduation listings and lists of special awards, honors, events, and to the news media. In addition, graduation lists which may include student e-mail and address information may be released to 4-year institutions at the discretion of the college. All other information contained in student records is considered private and not open to public without student consent.

The following individuals have access to student records because of their official functions: CCA officials, officials at other schools and colleges to which the student applies, state or federal education authorities, officials evaluating the application for financial aid, state and local officials requesting reporting data, organizations conducting studies for educational institutions or agencies, accrediting organizations, parents of dependent students (proof of dependency is required - CCA will attempt to notify the student before releasing information), and the Department of Veterans Affairs. In addition, CCA may also provide information without consent to comply with Judicial orders, in emergencies where the information in the student file is needed to protect the health, safety, or welfare of the student or that of other persons, to institutions with whom CCA has transfer agreements and students have declared an intent to transfer to that institution, and in response to requests made by military recruiters who are granted access to students in higher education by the Solomon Amendment.

A complete copy of the Family Educational Rights and Privacy Act is available in the Admissions, Registration and Records office, CentreTech Campus, Administrator Building, Room A102, at the Lowry Campus, West Quad, Room 119 or online at www.CCAurora.edu/students/student-right-know/ferpa.

Financial Aid

Information is available in the Financial Aid office at the CentreTech Campus, Administration Building, Room A103, at the Lowry Campus, West Quad, Room 119 and online at www.ccaurora.edu/right-know-information. All students and prospective students are strongly encouraged to read the information available on the financial aid webpage https://www.ccaurora.edu/getting-started/paying-college/financial-aid.

Voter Registration

CCA fully supports and advocates that our students and employees register to vote. You can register to vote online at www.elections.colorado.gov/DDefault.aspx?tid=547. The CCA Admissions, Registration and Records office, CentreTech Campus, Administration Building, A116, and the Lowry Student Services Office in the West Quad, Room 119 have computers and staff available to assist you.

Student Bill of Rights

The General Assembly implemented the Student Bill of Rights (C.R.S. 23-1-125) to assure that students enrolled in public institutions of higher education shall have the following rights:

(a) Students should be able to complete their Associate of Arts and Associate of Science degree programs in no more than sixty (60) credit hours or their Baccalaureate programs in no more than one hundred twenty (120) credit hours unless there are additional degree requirements recognized by the Commission;

(b) A student can sign a two-year or four-year graduation agreement that formalizes a plan for that student to obtain a degree in two or four years, unless there are additional degree requirements recognized by the Commission;

(c) Students have a right to clear and concise information concerning which courses must be completed successfully to complete their degrees;

(d) Students have a right to know which courses are transferable among the state public two-year and four-year institutions of higher education;

(e) Students, upon completion of core general education courses, regardless of the delivery method, should have those courses satisfy the core course requirements of all Colorado public institutions of higher education;

(f) Students have a right to know if courses from one or more public higher education institutions satisfy the students’ degree requirements;

(g) A student’s credit for the completion of the core requirements and core courses shall not expire for ten years from the date of initial enrollment and shall be transferable.

The Code of Student Behavioral Expectations & Responsibilities

A College community is defined by its values for learning, teaching, and service that reflect academic excellence, holistic student development, and societal impact. To guide student success, the Colorado Community College System (CCCS) has created the Code of Student Behavioral Expectations and Responsibilities (Code), which includes standards of behavior that support an engaged learning environment for all students. The Code embraces the institutional values of integrity, excellence, learning, diversity, intellectual freedom, and equal opportunity, and is rooted in conflict resolution practice to support students in resolving their...
The Code
The College considers the behavior described in the following subsections as inappropriate and in opposition to the values of the Community College of Aurora community. These responsibilities apply to all students including continuing education. The College encourages and expects students, faculty/instructors, and staff to engage as active bystanders and report to College officials incidents that involve the following behaviors. Any student found to have violated or to have attempted to violate the following responsibilities may be subject to the conditions, restrictions, and outcomes outlined in SP 4-30a, Student Behavior Expectations and Responsibilities Resolution Procedure.

The following section is organized alphabetically by violation followed by an explanation.

Abuse of Conduct Process: Abuse or interference with College processes, including conduct and academic integrity meetings:
• Falsification, distortion, or misrepresentation of information.
• Failure to provide, destroying, or concealing information during an investigation of an alleged Code violation.
• Attempting to discourage an individual’s proper participation in, or use of, the campus conduct system.
• Inappropriately influencing any member of the campus community with conduct authority prior to, during, and/or following a campus conduct proceeding.
• Influencing or attempting to influence another individual to commit an abuse of the campus conduct process.

Academic Integrity Language: Plagiarizing, cheating, or committing any other form of academic misconduct including, but not limited to, unauthorized collaboration, falsification of information, and/or helping someone else violates the College's commitment to academic excellence. To access the full guideline related to academic integrity, including the process for potential violations of academic integrity for students, please visit https://www.ccaurora.edu/file/download/instruction214academicintegrity.pdf.

• Cheating: The act of using or attempting to use an examination or other academic work, material, information, or study aids which are not permitted by the instructor. Cheating includes, but is not limited to:
  • Using books, notes, or calculators or copying from or conversing with others during examinations (unless such external aids are permitted by the instructor).

• Fabrication: The invention of material or its source and its use as an authority in academic work. Fabrication includes, but is not limited to:
  • Inventing the data for a scientific experiment.
  • Inventing the title and author of a publication in order to use the invented publication as a source.
  • Knowingly attributing material to an incorrect source.

• Plagiarism: The act of using someone else’s work without giving proper credit to the original source. The work can be written, artistic, musical, language, symbols, or media. Reusing one’s own work without proper citation (or approval of instructor) is also plagiarism.

Aiding and Abetting: It is a violation of this Code to actively assist another in violating the Code or covering up the violation after the fact.

Alcohol/Drugs: Use, being under the influence, manufacturing, possession, cultivating, distribution, purchase, or sale of alcohol and/or drugs (illegal and/or dangerous or controlled substance) and/or alcohol/drug paraphernalia while on College-owned or College-controlled property, and/or at any function authorized or supervised by the College, and/or in state owned or leased vehicles.

Animals/Pets: Animals are not permitted on campus except as permitted by law or as specifically approved by the College.
• Please see SP 4-120b, regarding Student Disability Services for information related to service animals and emotional support animals.
• Please see the appropriate handbook for regulations and processes for animals and pets in student housing, where applicable.

Bullying/Non-physical abuse: Bullying includes repeated and/or severe aggressive or negative actions or behaviors intentionally or reasonably likely to intimidate, hurt, control, or diminish another person, physically, mentally, or emotionally. Bullying may include direct or indirect communications in verbal or nonverbal form and specifically includes bullying by electronic means (e.g., cyberbullying).
• For more information and compliance, see SP19-10, Bullying/Violence/Firearms on Campus.

Damage and Destruction: Reckless and/or unauthorized damage to, or destruction of, College property or the individual property of another, regardless of intention. Damage or destruction of community, public, or private property.

Deceitful Acts: Engaging in deceitful acts, including, but not limited to: collusion, forgery, falsification, alteration, misrepresentation, non-disclosure, or misuse of documents, records, identification and/or educational materials.
• Collusion: Action with another or others to violate the Code.
• Falsification: Knowingly furnishing or possessing false, falsified, or forged materials, documents, accounts, records, identification, or financial instruments, including electronic forgery and/or manipulation.

Discrimination and Harassment: Discrimination is any distinction, preference, advantage, or detriment given to a person based on one or more actual or perceived protected classes. Harassment is a form of discrimination that includes Quid Pro Quo and Hostile Environment.
• Hostile Environment occurs when a person is subjected to verbal or physical conduct based on a protected class that is sufficiently severe, persistent or pervasive, and objectively offensive to alter the conditions of a person’s employment or unreasonably interfere with a
Community College of Aurora 2021-2022 Catalog

person's ability to participate in or benefit from CCCS educational programs or activities, from both a subjective and objective viewpoint.

- Quid Pro Quo is a type of sexual harassment that exists when an employee conditions the provision of an aid, benefit, or service on an individual’s participation in unwelcome sexual conduct, such as unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature.

- Sexual harassment includes, but is not limited to, dating violence, domestic violence, stalking, and sexual assault.

- For more information and how to file a complaint regarding discrimination or harassment, including sexual misconduct, see SP 19-60, Civil Rights and Sexual Misconduct Resolution Process.

Disruptive Behavior: Engaging in any behavior that negatively affects or impedes teaching or learning (regardless of mode of delivery or class setting) or disrupts the general operation of the College.

Endangerment or Defacement: Conduct that is detrimental to the College, and/or to community safety. Examples include, but are not limited to, slamming doors, throwing chairs, and/or defacing of College property or property of others.

Failure to Comply:

- Failure to comply with or follow the lawful directives of College employees acting within the scope of their duties, including those directives issued by a College administrator to ensure the safety and well-being of others.

- Failure to comply with or follow the directives and/or sanctions imposed under CCCS policies and procedures.

- Failure to identify oneself to College officials, acting in their official capacity, when requested to do so.

Fire Safety: Violation of federal, state, local, or campus fire policies including, but not limited to:

- Intentionally, recklessly, or negligently causing a fire that damages the College, individual property, or causes injury.

- Failure to evacuate a College owned, operated, or controlled facility during a fire alarm.

- Improper use of College fire safety equipment.

- Tampering with or improperly engaging a fire alarm or fire detection/control equipment while on College property. Such action may result in a criminal action.

Gambling: Gambling as prohibited by the laws of the State of Colorado. Gambling may include, but is not limited to, raffles, lotteries, sports pools, and online betting activities. Participation in illegal gambling activities on College-owned or College-controlled property, and/or any function authorized or supervised by the College, and/or in state owned or leased vehicles.

Harm to individuals: Intentionally or unintentionally causing physical harm, threatening to cause harm, endangering the health and/or safety of any individual, or demonstrating violent behavior.

- Violent Behavior includes any act or threat of physical, verbal or psychological aggression, or the destruction or abuse of property by any individual.

- A threat is defined as direct or indirect, verbal or non-verbal conduct (including those made in person, by mail, over the telephone, by email, or by other means) intended to result or reasonably resulting in intimidation, harassment, harm, fear or endangerment of the safety of another person or property.

- For more information and compliance, see SP 19-10, Bullying/Violence/Firearms on Campus.

Hazing: Defined as an act that endangers the psychological, emotional, intellectual, and/or physical health and/or safety of a student, or that destroys or removes public or private property, for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in a group, team, or organization. Additionally, any act that places a student in a subservient role within an organization is considered hazing. Participation or consensual cooperation by the individual(s) being hazed does not excuse the violation. Failing to intervene to prevent, failing to discourage, and failing to report those acts may also violate this code.

Indecent Exposure: Deliberately and publicly exposing one’s intimate body parts, public urination, defecation, and public sex acts.

Retaliation: Retaliatory acts include, but are not limited to intimidation, verbal or physical threats, harassment, coercion, or other adverse action(s) against a person who reports an incident of misconduct.

Rioting: Causing, inciting, or participating in any disturbance that presents a clear and present danger to self or others, causes physical harm to others, or results in damage and/or destruction of property.

Thief: Obtaining, retaining or exercising control over property of another without authorization, or by threat or deception, with the purpose and/or effect of depriving the person(s) to whom the property belongs of its use or benefit.

Tobacco Violation: Smoking and the use of tobacco and related products, including electronic smoking, where contrary to applicable laws or policies established by the College. This includes smoking inside buildings or in areas where smoking is posted as prohibited.

Trademark Violation: Unauthorized use, including misuse, of the College or organizational names and images without the express written consent of the institution or organization.

Unacceptable Use of College Equipment, Network or System:

Unacceptable uses of any College-owned or operated equipment, network or system including, but not limited to: knowingly spreading computer viruses; posting personal communications without the author's consent; copying protected materials; using the network for financial or personal gain, commercial activity, or illegal activity; accessing the network using another individual’s account; unauthorized downloading/uploading software and/or digital video or music; downloading/uploading, viewing or displaying pornographic content, or any other attempt to compromise network integrity. For more information, see SP 4-32, Student Email Acceptable Use.

Unauthorized Access and Entry: Unauthorized access to any College facility, including misuse of keys, cards, restricted access areas, or unauthorized possession, duplication or use of other individual’s means of access to any College facility; failing to provide a timely report of a lost College identification card or key; misuse of access privileges to College premises or unauthorized entry to or use of facilities, including trespassing, propping, or unauthorized use of alarmed doors for entry into or exit from a College facility.

Violation of Laws, Directives and Signage: Violating any municipal, county, state or federal laws, or executive orders, or violating any public health orders in a manner that adversely impacts the health and well-being of the campus environment and those on campus.

Weapons Violation: Possession, use, or distribution of explosives (including fireworks and ammunition), guns (including air, BB, paintball, facsimile weapons, and pellet guns), or other weapons or dangerous objects, such as arrows, axes, machetes, nunchaku, throwing stars, or knives with a blade of longer than three (3) inches. This includes the unauthorized storage of any item that falls within the category of a
It is an alternative to formal investigation of a reported violation. There be personal, financial, employment, political, emotional, or interpersonal. allow everyone involved to find a way to work together. Differences m

Alternative conflict resolution is a process of addressing differences that

Definitions

officials for amnesty to be considered.

The student must fully comply with reporting to appropriate College

Group Violations

A student group or organization and its officers and membership may be held collectively and individually responsible when violations of this Code occur by the organization or its member(s), including the following conditions:

• Violation(s) take place at organization-sponsored or co-sponsored events, whether sponsorship is formal or implied.
• Violation(s) have received the consent or encouragement of the organization or of the organization’s leaders or officers.
• Violation(s) were known or should have been known to the membership or its officers.

Conduct meetings for student groups or organizations shall also follow the Student Behavioral Expectations and Responsibilities Resolution Procedure. In any such action, individual determinations as to responsibility will be made and restrictions, conditions, and outcomes may be assigned collectively and individually, and will be proportionate to the involvement of each individual and the organization. Procedures will begin with communication to the President or leadership of said organization.

Amnesty

Assisting an individual by calling for help in an alcohol or drug-related emergency means neither the person who calls for help, nor the person who needs help will be subject to formal investigation nor receive a formal conduct record for their behavior. Students seeking assistance under these provisions may be required to meet with the SSAO and to complete educational, counseling, or other requirements aimed at addressing health and safety concerns. The requirements will be informal or on a deferred basis.

The student must fully comply with reporting to appropriate College officials for amnesty to be considered.

Definitions

Alternative conflict resolution

are many types of alternative conflict resolutions that may be utilized to work through conflict that may arise. Examples include:

• Dialogue: Students engage in a conversation to gain understanding or to manage a conflict independent of intervention or third-party facilitation.
• Conflict Coaching: Students seek counsel and guidance from the Division of Student Affairs to learn more about their own conflict styles and strategies to engage in conflict in a more effective and independent way.
• Facilitated Dialogue: Students access Division of Student Affairs for facilitation services to engage in a conversation to gain understanding or manage a conflict with another party. In a facilitated dialogue, parties maintain ownership of decisions concerning the conversations or any resolutions of a conflict.
• Mediation: Students access the Division of Student Affairs to serve as a third party to coordinate a structured session aimed at resolving a conflict and/or constructing a resolution agreement for the parties involved.
• Restorative Justice Practices (conferences, circles, and boards): The Division of Student Affairs provides space and facilitation services for students taking ownership for harmful behavior and those parties impacted by the behavior to jointly construct an agreement to restore community.
• Shuttle Diplomacy: A Resolution Coordinator actively negotiates an agreement between two parties who do not wish to directly engage with one another.

Complainant

Complainant is a person who is subject to alleged inappropriate or unlawful behavior. For purposes of this procedure, a Complainant can be a CCCS employee, student, authorized volunteer, guest, or visitor.

Due Process

Due process provides a student reported to be in violation of the Code, a written notice of the allegation of misconduct, time to examine the evidence and formulate a response, and the opportunity to explain their version of events to the SSAO.

Notification

Notification is an email from the SSAO requesting a meeting. The email will be sent to the student’s College issued email address and will outline the incident in question, process, and rights of the student.

Outcomes

Outcomes are assigned and used to develop an educational and restorative experience for individuals engaging with the conduct process. Outcomes may also be put in place to ensure the safety of an individual and/or the campus community.

Preponderance of the Evidence

The standard of proof that shows more likely than not that a violation occurred, based on what a reasonable person would consider. This standard is utilized by the SSAO in the formal investigation process.

Reasonable Cause

Reasonable cause is defined as credible information that, if true, supports the proposition that a violation of the Code has occurred, including information provided by an anonymous source.
Community College of Aurora 2021-2022 Catalog

Reported Party
Individual(s) who report an incident of concern and possible Code violation. Reporting parties could be students, faculty, staff, law enforcement, or community members.

Respondent
Individual(s) against whom the report was filed.

Resolution Coordinator
A Resolution Coordinator is a College official who is authorized by the SSAO to coordinate conduct resolution.

Senior Student Affairs Officer (SSAO)
The individual designated by the College President to oversee student affairs and be responsible for administering the Code of Student Behavioral Expectations and Responsibilities. The SSAO may delegate some or all aspects of this procedure to another individual (designee/Resolution Coordinator). All references in these procedures to the SSAO include any designee. *Note: Previously referred to as Chief Student Services Officer (CSSO); other policies and procedures may also refer to this role as CSSO.

Student
Anyone who has been admitted within the prior three terms or who has completed a non-credit or academic course within the prior three terms. Withdrawal does not change student status. Students include those currently taking courses at or sponsored by the College(s), pursuing either credit or non-credit courses (or both), including those concurrently attending secondary or post-secondary institutions and College.

Third Party
An individual or group that are external to the incident or situation that are not directly involved.

Procedure
Initiating a Conduct Process
Any member of the System community may allege a violation by any student of the Code by reporting the matter to the appropriate SSAO. The SSAO manages reports of Code violations made under this procedure and may delegate this responsibility. Students, faculty, instructors, staff, authorized volunteers, and guests are encouraged to report behavior that potentially violates the Code or that may be criminal in nature. Formal reports can be made by completing a College incident report. If the conduct is believed to be criminal in nature, the SSAO should immediately report the alleged violation to campus law enforcement or security or external law enforcement.

There is no time limit on reporting violations of the Code; however, the longer someone waits to report, the harder it becomes for College officials to obtain information and witness statements and to make determinations regarding alleged violations. Anonymous complaints are permitted, though doing so may limit the College’s ability to investigate and respond to a complaint effectively.

Complaints, concerns, or reports without reasonable cause will not be pursued. Upon receipt of the report, the SSAO or designee shall review the matter to determine if it alleges sufficient information to support reasonable cause that a violation has occurred. If so, the SSAO shall promptly notify the Complainant (if any) and the Respondent in writing of the allegations and any interim action that is being imposed. Should a student withdraw from the institution prior to the conclusion of the conduct process, the College will proceed with or without the student’s involvement.

The SSAO will identify a conduct resolution pathway as outlined below based on the nature of the allegations and input from the involved parties. Decisions made by the SSAO shall be final unless subject to appeal. Any outcomes and restrictions imposed take effect immediately unless the SSAO agrees to delay or stay the outcome. Proceedings initiated under this procedure are separate from civil or criminal proceedings that may relate to the same incident. Investigations or conduct proceedings by the College are not postponed while criminal or civil proceedings are pending unless otherwise determined by the SSAO.

Interim Actions
The SSAO, in consultation with appropriate administrative personnel, may implement interim actions intended to protect the safety and well-being of the CCCS community, preserve CCCS property, address the effects of the reported behavior, and prevent further violations while the matter is under review or investigation. Interim actions may include, but are not limited to:

1. Interim No Trespass: The SSAO may issue a “Cease Communications,” “No Contact,” and/or “No Trespass,” directive, also referred to as a persona non grata.
2. Interim Suspension: This interim suspension includes attending classes and events pending a final outcome. This interim suspension begins immediately upon notice from the SSAO. In cases where a student is banned from campus on an interim basis, they will be subject to immediate arrest for trespass if they are on campus until the exclusion has been lifted. A meeting with an SSAO is then scheduled as soon as possible to determine the appropriate conduct resolution pathway.
3. Any other outcome listed in this procedure below may also be imposed on an interim basis.

In all cases in which an interim action is imposed, the individual will be given the opportunity to meet with the SSAO prior to such action being imposed, or as soon thereafter as reasonably possible, to show cause why the interim action should not be implemented. The SSAO shall have sole discretion to implement or stay an interim action, and to determine its conditions and duration. Violation of an interim action may be grounds for imposition of an outcome, up to and including expulsion.

Conduct Resolution Pathways

Alternative Conflict Resolution
The SSAO, in consultation with the involved parties, may determine informally resolving student conduct matters through an alternative conflict resolution process is appropriate to resolve the reported concerns. The primary focus during alternative conflict resolution remains the welfare of the parties and the safety of the CCCS community, but it does not involve a formal investigation.

Alternative conflict resolution, includes, but is not limited to, dialogue, conflict coaching, mediation, restorative justice, or shuttle diplomacy. Alternative conflict resolution works best when students take responsibility for their actions, have a desire to restore the impact created in the incident, and actively participate in deciding and agreeing upon an outcome. If a resolution is reached, the matter will be closed without opportunity for an appeal.

At any time during the alternative conflict resolution process, the SSAO...
may elect to initiate formal investigation as deemed appropriate to resolve the matter. The parties can elect to cease the alternative conflict resolution process at any time before it concludes and proceed with a formal investigation.

**Formal Investigation:**

Where formal investigation is designated, the SSAO shall investigate the allegations, provide the Respondent an opportunity to be heard, and render a decision as outlined below:

1. **Investigation:** The SSAO shall provide the Respondent an opportunity to respond to the allegations either by meeting with the SSAO to discuss the allegations or by submitting a written response, or both. The Respondent will have the opportunity to be advised by a personal advisor of their choice, at their expense, at any stage of the process and to be accompanied by that advisor at any meeting. An advisor may only consult and advise their advisee, but not speak for the advisee at any meeting or hearing. The SSAO may remove or dismiss an advisor who becomes disruptive or who does not abide by the restrictions on their participation.

The SSAO may also conduct any other investigation, such as meeting with the Complainant (if any), meeting with other relevant witnesses, and evaluating relevant documents, information, and evidence.

2. **Decision:** Once the investigation is complete, the SSAO shall render a decision as to whether a violation of the Code has occurred. The determination shall be based on the preponderance of evidence standard: whether it is more likely than not that the student violated the Code. The decision shall address whether alleged conduct occurred; whether and how the conduct violated the Code; and impose an outcome, if appropriate.

3. **Notification of the Decision:** In writing will be provided by the SSAO to the Respondent and any other involved parties, as appropriate. The decision will include information regarding the applicable appeals process. The decision is part of the student’s educational record.

**Outcomes**

The following outcomes can be implemented by the SSAO as a result of finding a violation in the formal investigation process or as part of an agreed upon alternative conflict resolution. These outcomes are intended to develop an educational and restorative experience for individuals engaging with the conduct process. These outcomes may also be put in place to ensure the safety of the individual and/or the CCCS community. Outcomes will be effective immediately upon notice to the student, except that the SSAO may delay or stay the effective date, in their discretion, upon request from the student (e.g., it may be appropriate to stay an outcome pending the resolution of an appeal).

1. **Loss of Privileges:** The student will be denied specified privileges for a designated period of time, from one to three semesters or one academic year.
2. **Building/Access Restriction:** The student will be denied access to specific campus locations, from one to three semesters or one academic year.
3. **Restriction on Visitation Privileges:** Restrictions that may be imposed on a residence hall student or non-residence hall student. The parameters of the restriction will be specified.
4. **Eligibility Restriction:** The student is deemed “not in good standing” with the College for a specified period of time, from one to three semesters or one academic year. Specific limitations or exceptions may be granted by the SSAO, and terms of this outcome may include, but are not limited to, the following:
   a. Ineligibility to hold any office in any student organization recognized by the College or maintain an elected or appointed office at the College.
   b. Ineligibility to participate in the study abroad program, attending meetings, or representing the College at an official CCCS function, event, or intercollegiate competition as a player, manager, or student coach, etc.
5. **No Contact Orders:** If a “no contact” order is issued, it is the responsibility of the student not to have any contact with the individual(s) named in the order, directly or through third parties, or electronically/online until the order is officially removed by the SSAO.
6. **College Housing Reassignment:** Reassignment to another College housing facility.
7. **Restitution:** Compensation for damage caused to the College or any individual’s property. This could also include situations such as failure to return a reserved space to proper condition, including labor costs and expenses. This is not a fine but, rather, a repayment for labor costs and/or the value of property destroyed, damaged, consumed, or stolen.
8. **Referral for Treatment/Assessment:** These include, but are not limited to, alcohol or drug education programs, anger management, or other relevant assessment and treatment programs. Some outcomes may include a cost or fee.
9. **College/Community Service Requirements:** Completion of a specific supervised College/Community service.
10. **Confiscation of Prohibited Property:** Items whose presence is in violation of College policy (pipes, bongs, weapons, etc.) will be confiscated. Prohibited items may be handled, disposed of, or returned to the owner at the discretion of the SSAO.
11. **Educational Program/Project:** Requirement to complete an educational or reflection project designed to support students in their understanding of the overall impact of their behavior, or a requirement to attend, present, and/or participate in a program related to the violation. It may also be a requirement to sponsor or assist with a program for others on campus to aid them in learning about the violation for which the student was found responsible. Audience may be restricted.
12. **Warning:** An official notice that misconduct has occurred and/or that future specific behavior could result in more severe restrictions, conditions, and outcomes.
13. **Probation:** A period of time in which the privilege of continuing as a student is conditioned upon meeting certain requirements. Any violation or failure to comply with restrictions while on probationary status could be escalated for further outcomes, including removal from CCCS. Additionally, students on probationary status typically will be required to meet with SSAO or other College personnel for follow up meetings. Probationary status may range from one semester up to duration of time at CCCS.
14. **Suspension:** Separation from a College for a specified minimum period of time, after which the student is eligible to petition the SSAO for permission to return. Eligibility for return may be contingent upon satisfaction of specific conditions. The student is required to vacate the campus immediately upon receipt of notification of a suspension. During the suspension period, the student is restricted from College property, functions, events, and activities without prior written approval from the SSAO. Additionally, students may be suspended from one class period per incident by the responsible faculty member or instructor without triggering this procedure. Any longer suspension must be referred to the SSAO.
15. **Expulsion:** Permanent separation from CCCS. The student is banned from CCCS College properties and the student’s presence at any CCCS-sponsored activity or event is prohibited. This action may be enforced with a trespass action as necessary.
16. **No Trespass:** The College may issue a “No Trespass” directive, also referred to as a persona non grata.
17. **Other:** Additional or alternate restrictions, conditions, or outcomes that promote reflection and holistic student development (e.g.,
Community College of Aurora 2021-2022 Catalog

creative expression, community restoration project) may be created and designated as deemed appropriate to the violation.

Appeal Process

A student found responsible for violating the Code through the formal investigation process has a right to appeal if suspension or expulsion are imposed.

If an outcome other than suspension or expulsion is imposed as a result of a formal investigation, a student may request in writing a discretionary appeal to the designated Appellate officer. A request for a discretionary appeal must be in writing and submitted to the Appellate officer within five (5) business days of the notice of decision. The Appellate Officer must notify the student in writing of whether the appeal will be permitted and if permitted, the below appeal deadlines apply from the date of that decision.

All appeals must be made in accordance with procedures outlined in this section.

1. Important Information about Appeals:
   • The appeal is the final step in the conduct process.
   • An appeal does not provide a second meeting or review of the case. The appeal process will be based on the existing record and the appeal criteria.
   • Situations may occur that shift the time frame of the appeal process. Considerations will be given for extenuating circumstances, including but not limited to, College holidays, family crisis, trauma, and medical/non-medical emergencies. Any extensions are made at the discretion of the SSAO.
   • Students are encouraged to consult with the SSAO and external resources about the appeal process prior to submitting the request for an appeal.

2. Appeals Criteria:

   A student may only appeal upon one or more of the following grounds:
   • The appeal is the final step in the conduct process.
   • A material procedural error occurred that significantly impacted the outcome of the factual findings, outcomes, or both (e.g., substantiated bias, conflict of interest, or material deviation from established procedures).
   • There is new information, unavailable during the formal investigation that could substantially impact the decision or the outcome. The new information must be included with the student’s request for appeal and the student must show that the new information was not known to them at the time of investigation. Failure to participate in the initial investigation does not constitute new information for the appeal process.

3. Initial Review of Appeal:

   Regardless if a case is appealed, all outcomes imposed in the case will go into effect immediately unless they are officially stayed pending the appeal decision.

   Appeals must be filed in writing within five (5) business days of the notice of the initial conduct decision or decision allowing discretionary appeal. A student may file a written appeal by completing and submitting the College’s appeal form, if applicable, and sending it to the Appellate Officer. It is the student’s obligation to provide any and all materials for consideration at the time of appeal submission. Subsequent information and/or revisions to the appeal after initial submission will not be accepted.

   Upon receipt of an appeal, the Appellate Officer shall conduct an initial review to determine if the appeal meets the limited appeals criteria and is timely. The student will receive notification about the decision of the initial review of appeal within five (5) business days of receipt of the student’s appeal. If the appeal is found to meet these criteria, the Appellate Officer shall give written notice to other involved parties, if applicable, to allow the other parties an opportunity to provide a response to the appeal.

4. Appeal Determination:

   If it is determined an appeal meets the appeal criteria, the Appellate Officer will review the appeal.

   In reviewing the appeal, the Appellate Officer may only consider the information contained in the record of the case, but may seek clarification of the decision rendered by the SSAO.

   Upon review of an appeal, the Appellate Officer shall have the authority to:
   • The appeal is the final step. Deny the appeal and affirm the initial decision and outcomes.
   • Find that a material procedural error occurred (e.g., substantiated bias, material deviation from established procedures) that impacted the outcome and refer the case back to the SSAO or an alternate designee with instructions to reconvene the investigation and/or the Appellate Officer may otherwise correct the procedural error.
   • Find that the student has presented new information that is material to the decision or outcome of the case. Upon this finding, the Appellate Officer shall conduct or request appropriate additional steps (such as requesting additional investigation by the SSAO) and/or modify the decision and outcome accordingly.

   The Appellate Officer will notify the student in writing of the decision, typically within ten (10) business days of completing the review.

   During this appeal process, if the Appellate Officer requires additional time, they shall promptly notify the parties.

Student Records

Student conduct records will be maintained in accordance with the Family Educational Rights and Privacy Act (FERPA) and SP 4-80a, Student Educational Records and Directory Information. Generally, student conduct records are sealed seven (7) years after a final decision is delivered in the resolution process, except as required by law. Student conduct records may be sealed earlier by the SSAO upon written request from the student. Conduct records that result in a separation from the College (suspension or expulsion) and those that fall under Civil Rights, to include a Title IX investigation, will be maintained for seven (7) years.

Financial Implications

Students who are suspended or expelled as a result of the conduct process will not receive a refund of any tuition, fees, or other charges, and will be responsible for any outstanding balances owed to the College. Students who are terminated from housing will be responsible for fulfilling their housing and dining contract fees, if applicable.

Retaliation

It is a violation of this procedure to engage in retaliation, such as taking adverse employment or educational action, against any person who reports an incident of a Code violation or because of the person’s participation, or perceived participation, in any aspect of this procedure. Retaliation includes acts to intimidate, threaten, coerce, or discriminate against any individual for the purposes of interfering with any right or privilege provided by this procedure.

Revising the Procedure

CCCS reserves the right to change any provision or requirement of this procedure at any time and the change shall become effective immediately.
For more information regarding The Code of Student Behavioral Expectations & Responsibilities, please access SP 4-30a.

Student Grievance Procedure

Basis

This Student Grievance Procedure (SP 4-31) is intended to allow students an opportunity to present an issue which they feel warrants action, including the right to secure educational benefits and services.

If the basis of the claim is discrimination and/ or harassment based on federal or state civil rights laws, the student must file a grievance under the Civil Rights Grievance and Investigation Process. If the accused (respondent) is a student, please refer to SP 4-31a. If the respondent is a CCCS employee, please refer to SP 3-50a.

Definitions

Complainant(s) is a person who is subject to alleged inequity as it applies to Board Policies, System President’s Procedures, or College Procedures. For purposes of this procedure, a complainant is student who was enrolled at the time of the alleged incident.

Respondent(s) is a person whose alleged conduct is the subject of a complaint. For purposes of this procedure, a respondent can be a CCCS employee(s), student(s) who was enrolled at the time of the alleged incident, authorized volunteer(s), guest(s), visitor(s), or college.

Grievance: A grievable offense is any alleged action which violates or inequitably applies State Board Policies, System President’s Procedures, and College Procedures. The complainant must be personally affected by such violation or inequitable action.

Non-grievable matters: The following matters are not grievable under this process except as noted: matters over which the college is without authority to act; grades and other academic decisions unless there is an allegation that the decision was motivated by discrimination and/or harassment which should be filed under the appropriate Civil Rights Grievance and Investigation Process.

Chief Student Affairs Officer (CSAO): The college employee designated by the college president to administer student grievances. The CSAO may delegate the responsibility over student grievances to another person.

Notice: Notices which are required to be given by this procedure shall be considered served upon the student when given by personal delivery, mailing by certified mail, or email with receipt notification to the address the student has filed with the College’s admissions and records office. If notice is mailed, student shall be given three (3) additional days to respond.

Day: Refers to calendar day unless otherwise noted below.

Remedy: The relief that the Grievant is requesting.

Filing a Complaint

All complaints shall be made as promptly as possible after the occurrence. A delay in reporting may be reasonable under some circumstances; however, an unreasonable delay in reporting is an appropriate consideration in evaluating the merits of a complaint or report.

Procedures

Students must timely submit all grievances in writing by accessing the online form available at http://www.ccaurora.edu/about-cca/right-know/complaint-policy-procedure/form. The grievance should clearly and concisely describe the alleged incident(s), when and where it occurred, and the desired remedy sought. The grievance should be signed by the initiator or, in the case of an email submission, sent as an email attachment, in letter format and should contain the name and all contact information for the grievant. Any supporting documentation and evidence should be referenced within the body of the formal grievance. Additionally, the initiator of a formal grievance should submit any supporting materials in writing as quickly as is practicable.

The complainant’s supporting documentation should clearly demonstrate all informal efforts, if any, to resolve the issue(s) with the person involved and the person’s supervisor. This includes names, dates and times of attempted or actual contact along with a description of the discussion and the manner of communication made in the course of each effort. If contacting the person involved and/or the supervisor is impracticable, the complainant should state the reasons why.

The CCCS community benefits from informal and formal procedures that encourage prompt resolution of complaints and concerns students may have about the implementation of policies and procedures that govern the institution.

Informal Grievance Process

Complainant is encouraged to resolve the issue with the Respondent through the informal process. The CSAO or designee shall facilitate the informal process. If the informal grievance process is unsuccessful, or if CCCS or the complainant chooses not to pursue the informal process, the CSAO will open a formal grievance case.

Formal Grievance Process

Complainant must timely file a written statement of the actions complained of and describe the remedy s/he is seeking with the CSAO. A matter could also be referred to this process by the College president or his/her designee. Once a written grievance is filed or referred, the CSAO or designee will determine whether or not the situation states a grievable offense. The matter will be closed if the situation is determined not grievable and the Complainant will be notified of the reasons.

If the matter is determined to be grievable, the CSAO will request a meeting (hearing) with both the complainant and respondent. Both parties will be given the opportunity to discuss the allegations of the grievance and may offer any documentation, witnesses, or other materials in support of the complaint. During this meeting, neither party may have a representative, including attorneys or law students. These procedures are entirely administrative in nature and are not considered legal proceedings.

No audio or video recording of any kind other than as required by institutional procedure is permitted.

The CSAO may also contact or request a meeting with relevant college staff, students, or others as part of the investigation.

At the CSAO’s discretion, the CSAO may discontinue meetings with anyone that is causing a disruption to the process or is being uncooperative, and will proceed to make a determination based on the information known at that time.

Based on the preponderance of evidence, the CSAO shall issue a decision, in writing, to both the complainant and respondent. The decision shall reject or grant the grievance and make recommendation(s) to resolve the issue(s). The complainant and respondent shall be advised of their right to appeal the decision, subject to the grounds below, by filing a written appeal with the CSAO within five (5) days of a decision.

In the event of an appeal, the CSAO shall give written notice to the other party to allow their the opportunity to submit a response in writing. The CSAO will also draft a response memorandum (also shared with all parties). All appeals and responses are then forwarded to the appeals officer or committee for initial review to determine if the appeal meets
the limited grounds and is timely. The original finding will stand if the appeal is not timely or substantively eligible, and the decision is final. If the appeal has standing, the documentation is forwarded for consideration. The party requesting appeal must show error as the original finding is presumed to have been decided reasonably and appropriately. The ONLY grounds for appeal are as follows:

1. A procedural or substantive error occurred that significantly impacted the outcome of the hearing (e.g. substantiated bias, material deviation from established procedures); or
2. To consider new evidence, unavailable during the original hearing or investigation, that could substantially impact the original finding. A summary of this new evidence and its potential impact must be included in the written appeal.

If the appeals officer or committee determines that new evidence should be considered, it will return the complaint to the CSAO to reconsider in light of the new evidence, only.

If the appeals officer or committee determines that a material procedural or substantive error occurred, it may return the complaint to the CSAO with instructions to reconvene the hearing to cure the error. In rare cases, where the procedural or substantive error cannot be cured by the CSAO in cases of bias, the appeals officer or committee may order a new hearing be held by a different individual acting in the place of the designated CSAO. The results of a reconvened hearing cannot be appealed. The results of a new hearing can be appealed, once, on the two applicable grounds for appeals.

**Special Grievance Process Provisions**

In the event that the student is under the age of eighteen or incapacitated, they may have an advisor present to assist them in presenting their case.

Students do not have the right to be represented by an attorney or law student during these proceedings except in the case where civil or criminal actions concerning the student are pending and in that case the attorney’s role shall be advisory only.

The student is responsible for presenting their own case and, therefore, advisors are not permitted to speak or to participate directly in any hearing except when the student is under the age of eighteen or incapacitated.

Student shall have the right to identify documents, witnesses and other material they would like the CSAO to review before making a final decision.

Any hearing held shall be conducted in private unless all parties agree otherwise.

A record of the hearing should be maintained by the CSAO.

If student has a disability and would like to request an accommodation to assist them through the grievance process they may do so by informing the CSAO. The CSAO will then work with disability support services to accommodate the request.

If the grievance is against the CSAO, the Chief Academic Officer or other person designated by the president shall perform the duties of the CSAO.

**Retaliatory Acts**

It is a violation of the grievance procedure to engage in retaliatory acts against any employee or student who files a grievance or any employee or student who testifies, assists or participates in the grievance proceeding, investigation or hearing relating to such grievance.

**Revising this Procedure**

CCCS reserves the right to change any provision or requirement of this procedure at any time and the change shall become effective immediately.
All students need to become familiar with the language of the college catalog and the necessity of planning a sequence that will provide either a certificate or degree. Every course is not offered each year. Some courses are taught only when there is a demand for specific instruction to complete a major curriculum. For a list of courses available each semester, students should consult the current class schedule. A course listing consists of the following elements:

Each course has a three-letter code designating the instructional department or division.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Instructional Department or Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAA</td>
<td>Academic Achievement Strategies</td>
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<tr>
<td>ACC</td>
<td>Accounting</td>
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<tr>
<td>AEC</td>
<td>Arch ENG/Construction Mgmt</td>
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<tr>
<td>ANT</td>
<td>Anthropology</td>
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<td>ART</td>
<td>Art</td>
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<td>ASE</td>
<td>Auto Service Technology</td>
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<tr>
<td>ASL</td>
<td>American Sign Language</td>
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<tr>
<td>AST</td>
<td>Astronomy</td>
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<tr>
<td>BIO</td>
<td>Biology and Biotechnology</td>
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<td>BTE</td>
<td>Business Technology</td>
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<td>BUS</td>
<td>Business</td>
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<td>CAD</td>
<td>Com</td>
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<td>CCR</td>
<td>College Composition and Reading</td>
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<td>CHE</td>
<td>Chemistry</td>
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<td>CIS</td>
<td>Computer Information Systems</td>
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<td>COM</td>
<td>Communication</td>
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<td>CNG</td>
<td>Computer &amp; Networking Technology</td>
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<td>CRJ</td>
<td>Criminal Justice</td>
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<td>CSC</td>
<td>Computer Science</td>
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<td>CWB</td>
<td>Computer Web Based</td>
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<td>DPM</td>
<td>Diesel Power Mechanics</td>
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<td>ECE</td>
<td>Early Childhood Education</td>
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<td>ECO</td>
<td>Economics</td>
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<td>EDU</td>
<td>Education</td>
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<td>EMS</td>
<td>Emergency Medical Services</td>
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<td>English</td>
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<td>Entrepreneurship</td>
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<tr>
<td>ESL</td>
<td>English as a Second Language</td>
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<td>ETH</td>
<td>Ethnic Studies</td>
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<td>FIN</td>
<td>Finance</td>
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<td>FST</td>
<td>Fire Science Technology</td>
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<td>Film and Video Media</td>
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<td>Geography</td>
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<td>GEY</td>
<td>Geology</td>
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<td>HIS</td>
<td>History</td>
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<td>Math</td>
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<td>Multimedia Graphic Design</td>
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<td>Music</td>
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<td>Nursing Assistant</td>
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<td>Nursing</td>
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<td>Occupational Safety Technician</td>
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<td>Physics</td>
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<td>POS</td>
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<td>PSY</td>
<td>Psychology</td>
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<tr>
<td>REE</td>
<td>Real Estate</td>
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<td>SBM</td>
<td>Small Business Management</td>
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<td>Science</td>
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<td>Sociology</td>
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<td>Spanish</td>
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<td>THE</td>
<td>Theatre</td>
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<td>TRI</td>
<td>Translation &amp; Interpretation</td>
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<tr>
<td>WST</td>
<td>Women's Studies</td>
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<tr>
<td>THE</td>
<td>Theatre</td>
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</tbody>
</table>

Course number
A three-digit number is assigned to all college courses. Courses listed in the 100s are designed for freshman level; 200s are intended for sophomore level. (Ex. COM 115 = Public Speaking)

Section Number
A three-digit number or letter combination is assigned to all college courses. The section number is found immediately following the course number. (Ex. COM 115-111 = Section 111 of Public Speaking). This number is not indicative of the number of sections offered at CCA.

Course Title
This is the official course title. Class schedules and transcripts will often abbreviate the course title.
Credit hours

Each course has state approval for a specific number of “semester credit hours” that translates into a number of clock hours of interaction with the instructor. Practicums, clinicals, laboratory, and vocational skill training classes have specific clock hour requirements. Tuition charges are based on credit hours, not clock hours. Some vocational programs have set costs because of equipment requirements.

Prerequisites

Some courses require another course or special permission before enrolling. For example, students cannot enroll in ECE 103 until CCR 092 is successfully completed or an appropriate assessment score is achieved. Prerequisites are listed in the course description.

Co-requisites

Some courses require special permission, or another course be taken at the same time as the current course. For example, students cannot enroll in FVM 105 without enrolling in FVM 136 and FVM 160 because the material covered in the courses complement each other. Co-requisites are listed in the course description.

Degree

At CCA, students can obtain Associate of Arts, Associate of Science, Associate of General Studies, or Associate of Applied Science degrees. Each degree has specific course requirements of major courses and general education courses.

Recommended Electives

College curriculums have courses that are not required, but would be helpful to the student’s future. Students should consult their academic advisor before selecting electives.

Attention: Course numbers and descriptions are subject to changes.

The Colorado Community Colleges participate in a common course numbering and common competency system to provide students ease of transfer and to ensure curriculum quality across the colleges. This system includes all courses offered for credit at every community college and is available for review at www.cccs.edu.
What is Guided Pathways? When you enroll at the Community College of Aurora, it becomes our greatest interest to see that you reach your goals. Guided Pathways is our way of helping you choose a plan of study that will best direct you toward your ultimate career. We have six pathways that represent all of our degrees and certificates. Choose the pathway that best fits your educational and career interests, and then you can find the best courses, certificate, and degree for you. Find your passion. Earn your degree. Start your career. https://www.ccaurora.edu/guidedpathways

Communication & Languages (p. 49)
The Communication & Languages pathway prepares students to write and speak to persuade and help others, or present information in the most effective ways. Most students transfer to a four-year institution upon graduation.

Creative Industries (p. 49)
The Creative Industries pathway prepares students to use their ideas, passion to create, and artistic expression. Most students enter the workplace directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

Health (p. 50)
The Health pathway prepares students to enter healthcare and contribute to the betterment of society. Most students enter the workplace directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

People, Societies, & Ideas (p. 50)
The People, Societies & Ideas pathway prepares students to explore and explain human relationships and social, political, and ethical systems. Most students transfer to a four-year institution upon graduation.

Professional Studies and Public Service (p. 50)
The Professional Studies and Public Service pathway prepares students to enter the workplace directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

Science, Technology, Engineering & Math (p. 51)
The Science, Technology, Engineering & Math (STEM) pathway prepares students for careers in science, technology, engineering and math fields. Most students transfer to a four-year institution upon graduation.

Communication & Languages
The Communication & Languages pathway prepares students to write and speak to persuade and help others, or present information in the most effective ways. Most students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

To view the larger catalog entries for the degrees and certificates, click on the links below.

- Communication Transfer Major, A.A. (p. 63)
- English Transfer Major, A.A. (p. 71)
- Spanish Transfer Major, A.A. (p. 86)

Creative Industries
The Creative Industries pathway prepares students to use their ideas, passion to create, and artistic expression. Most students enter the workplace directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

To view the larger catalog entries for the degrees and certificates, click on the links below.

- Art History Transfer Major, A.A. (p. 59)
- Film Video Media: Acting/Directing for the Screen Certificate (p. 138)
- Film Video Media: Acting/Directing for the Screen Emphasis, A.A.S.
- Film Video Media: Cinematography/Videography Certificate (p. 138)
- Film Video Media: Cinematography/Videography Emphasis, A.A.S.
- Film Video Media: Post-Production Certificate (p. 139)
Health

The Health pathway prepares students to enter healthcare and contribute to the betterment of society. Most students enter the workplace directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

To view the larger catalog entries for the degrees and certificates, click on the links below.

If you would like to learn more about this Guided Pathway or any of the other Guided Pathways, please visit https://www.ccaurora.edu/guidedpathways

- Integrated Nursing Pathway, A.G.S. (p. 132)
- Health Care: Nurse Aide Certificate (p. 141)
- Health Care: Phlebotomy Certificate (p. 142)
- Health Care: Patient Care Technician Certificate (p. 142)
- Health Care: Patient Representative Certificate (p. 142)
- Respiratory Therapy, A.A.S. (p. 131)

People, Societies, & Ideas

The People, Societies & Ideas pathway prepares students to explore and explain human relationships and social, political, and ethical systems. Most students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

To view the larger catalog entries for the degrees and certificates, click on the links below.

If you would like to learn more about this Guided Pathway or any of the other Guided Pathways, please visit https://www.ccaurora.edu/guidedpathways

- Anthropology Transfer Major, A.A. (p. 56)
- Early Childhood Education Transfer Major, A.A. (p. 68)
- Early Childhood Education, A.A.S. (p. 115)
- Early Childhood Education - Director Certificate (p. 136)
- Early Childhood Education - Early Childhood Entry Certificate (p. 137)
- Early Childhood Education - Early Childhood Infant and Toddler Supervisor Certificate (p. 137)
- Early Childhood Education - Early Childhood Teacher Certificate (p. 137)
- Economics Transfer Major, A.A. (p. 68)
- Elementary Teacher Education Transfer Major, A.A. (p. 70)
- Geography Transfer Major, A.A. (p. 73)
- History Transfer Major, A.A. (p. 75)
- Philosophy Transfer Major, A.A. (p. 78)
- Political Science Transfer Major, A.A. (p. 80)
- Psychology Transfer Major, A.A. (p. 82)
- Psychology Transfer Major, A.S. (p. 106)
- Sociology Transfer Major, A.A. (p. 84)

Professional Studies and Public Service

The Professional Studies and Public Service pathway prepares students to enter the professional workplace or a public service profession, to contribute to the betterment of society, directly after receiving their associates degree or certificate. Some students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

To view the larger catalog entries for the degrees and certificates, click on the links below.

If you would like to learn more about this Guided Pathway or any of the other Guided Pathways, please visit https://www.ccaurora.edu/guidedpathways

- Basic Law Enforcement Training Academy Certificate (p. 133)
- Business Certificate: Bookkeeping (p. 133)
- Business Certificate: General Business (p. 134)
- Business Certificate: Real Estate (p. 135)
- Business Transfer Major, A.A. (p. 61)
- Construction Certificate: Construction Estimating (p. 136)
- Construction Certificate: Construction Superintendent (p. 136)
- Criminal Justice Transfer Major, A.A. (p. 65)
- Criminal Justice, A.A.S. (p. 113)
- Diesel Power Mechanics, A.A.S. (p. 114)
- Emergency Medical Technician-Basic Certificate (p. 137)
- Emergency Medical Technician-Paramedic Certificate (p. 137)
- Financial Services: Banking Essentials Certificate (p. 141)
- Financial Services: Supervision Fundamentals Certificate (p. 141)
- Fire Science Technology Certificate (p. 141)
- Fire Science Technology, A.A.S. (p. 121)
- Fundamentals of Fire Science Certificate (p. 141)
- Logistics Certificate: Inventory Management (p. 142)
- Logistics Certificate: Purchasing and Procurement (p. 142)
- Logistics Certificate: Warehouse Operations (p. 143)
- Paralegal Certificate (p. 143)
- Paralegal, A.A.S. (p. 125)
- Paramedic, A.A.S. (p. 127)
- Translation and Interpretation Certificate (p. 144)
- Translation and Interpretation Certificate- Legal (p. 144)
- Translation and Interpretation Certificate- Medical (p. 145)
- Translation and Interpretation, A.A.S. (p. 129)
Science, Technology, Engineering & Math

The Science, Technology, Engineering & Math (STEM) pathway prepares students for careers in science, technology, engineering and math fields. Most students transfer to a four-year institution upon graduation.

Academic Course Maps show what courses you need to take and in the correct order. To view the Academic Course Maps associated with these degrees and certificates, click here https://www.ccaurora.edu/programs-classes/degree-pathways

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If you would like to learn more about this Guided Pathway or any of the other Guided Pathways, please visit https://www.ccaurora.edu/guidedpathways

- Applied Technology, A.A.S (p. 111).
- Biology Transfer Major, A.S. (p. 97)
- Chemistry Transfer Major, A.S. (p. 99)
- Computer Information Systems, A.A.S. (p. 111)
- (p. 114)Computer: Basic Networking and Security Certificate (p. 135)
- (p. 114)Computer: CISCO Certificate (p. 135)
- Computer: Creative Tools Certificate (p. 135)
- (p. 135)Computer: IT Tech and Support Certificate (p. 135)
- (p. 135)Computer: Office Administration Certificate (p. 136)
- (p. 136)Computer: PC Application Specialist Certificate (p. 136)
- (p. 136)Computer Science, A.A.S (p. 112)
- (p. 136)Geology Transfer Major, A.S. (p. 101)
- Graphic and Web Design, A.A.S. (p. 122)
- IT Tech and Support, A.A.S. (p. 122)
- Mathematics Transfer Major, A.S. (p. 102)
- Metro State CIS Transfer (p. 130)
- Physics Transfer Major, A.S. (p. 104)
- Programming, A.A.S. (p. 128)
  (p. 124)
- Networking, A.A.S. (p. 124)
- (p. 124)Technology for Business Operations, A.A.S. (p. 128)
ASSOCIATE DEGREES AND CERTIFICATES

Statewide Guaranteed Transfer Courses

Colorado has identified a set of general education courses that are guaranteed to transfer to any public institution of higher education in Colorado. Courses approved for statewide guaranteed transfer are noted in the course description.

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 others listed at https://highered.colorado.gov/Data/Degrees.aspx?gtp=no). You should always seek advising from the appropriate advisor at the college or university you plan to attend to ensure you are selecting the appropriate coursework for your degree and that it will apply to those degree requirements. Additionally, transfer of courses older than 10 years, including GT Pathway courses, is at the discretion of the receiving school. Check with the school you are transferring to, to verify your courses over 10 years will transfer. More transfer information is available at the Colorado Department of Higher Education website at https://cdhe.colorado.gov/guaranteed-transfer-gt-pathways-general-education-curriculum-0

Written Communication
- Introduction Writing Course (GT-CO1)
- Intermediate Writing Course (GT-CO2)
- Advanced Writing Course (GT-CO3)

Mathematics
- (GT-MA1)

Arts & Humanities
- Arts and Expression (GT-AH1)
- Literature and Humanities (GT-AH2)
- Ways of Thinking (GT-AH3)
- Foreign Languages (must be Intermediate/200 level) (GT-AH4)

History
- History (GT-H1)

Social and Behavioral Sciences
- Economic or Political Systems (GT-SS1)
- Geography (GT-SS2)
- Human Behavior, Culture, or Social Frameworks (GT-SS3)

Natural and Physical Sciences
- Course with Required Laboratory (GT-SC1)
- Lecture Course Without Required Laboratory (GT-SC2)

Guaranteed Transferability

In collaboration with the four-year public institutions and the Department, the Colorado Community College System has designed and implemented associate degrees with designations, thus allowing seamless transfer within the majors identified by the designations to designated Colorado public four-year institutions that offer a comparable baccalaureate degree program in the major field.

Associate of Arts Degree and Associate of Science Degree to Colorado Public Four-Year Colleges and Universities.

Colorado's agreement between public colleges and universities guarantees that when a student completes an A.A. or A.S. Degree -- at least 60 semester credit hours of coursework completed with a grade of "C" or better in every course -- a student may transfer to a public baccalaureate program with a Liberal Arts and Sciences designation (e.g., Mathematics, psychology, or history) and graduate after earning an additional 60 semester credit hours. Note: Agreements for selected transfer degrees may require up to an additional 66 credits (for a total of 126 credits). Courses with an "S/U" grade will not be eligible for Guaranteed Transferability. After transferring to the four-year institution, completing a baccalaureate degree within two years depends on the number of credits a student completes each semester at the four-year institution, course sequencing in the student’s major (e.g., some upper-division major courses require that a student first complete lower-division major courses), as well as course availability.

DEGREES WITH DESIGNATION

Associate Degrees with Designations provide transfer pathways to Colorado state four-year colleges and universities in specified liberal arts and science designations. CCA offers a number of degrees with designation and can be found under Associate of Arts Degrees (p. 53) and Associate of Science Degrees (p. 94).

Note: Not all courses are available at each of the 13 CCCS colleges but may be transferred from one institution to another and/or the student may elect to earn credit via CCCOnline.

Many other majors also require that students select specific courses from the gtPathways courses. Students should contact a Pathways Advisor at the earliest opportunity to review appropriate transfer guides. In addition to indicating which lower division courses are required for articulated programs, these guides will indicate to a student which lower division courses are most appropriate for the student’s major. These guides indicate the appropriate prerequisites for sequenced coursework that should be taken before transferring to a four-year college.


Articulation (Transfer) Agreements

The Community College of Aurora has Articulation (Transfer) agreements with most four-year colleges and universities in Colorado. These agreements cover a wide variety of majors. To transfer to a four-year college or university in Colorado, contact a Pathway Advisor, CentreTech Campus, A102, or the Lowry Campus, West Quad 119, for specific information.

AAS General Education

General education requirements for an AAS degree are:
- One course in written communication and an additional course in written communication or oral communication
- One course in critical thinking or quantitative literacy
- One course in inquiry and analysis OR a second course in critical thinking
- One course in general skills to be applied to industry
## Associate of Arts Degrees (A.A.)

### Associate of Arts Degree Core

The Associate of Arts (AA) degree is a 2-year, 60-credit degree program for students who want to transfer to a four-year college or university to pursue a four-year degree in arts, humanities, communication, or social sciences. The AA degree also includes courses in math and sciences. As a transfer degree, the AA includes Guaranteed Transfer (GT) courses as well as elective classes. Students who want to transfer to a specific four-year degree program, such as Communication, History, or Fine Arts, should follow the program pathway for that specific AA degree. This is known as ‘choosing a major.’ Students who do not choose a specific AA degree pathway will be awarded a general AA degree. The Associate of Arts degree is a two-year degree featuring courses from a variety of subject areas, including English, Communication, Arts, Math, science, and Social Science. Students wishing to transfer to a four-year university should choose an AA degree with a specific concentration, such as English, Education, History, Psychology, Spanish, and so on. An AA degree without a concentrated subject area may not transfer to a four-year university program, or it may require that additional courses be taken at the four-year level. Speak to an advisor to declare your program.

### Degree Requirements: 60 credits

### General Education Requirements: 37 credits

#### English and Communication
(9 credits – GT-CO1, GT-CO2)

English – take both courses; Communication – select 1 course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>One gtPathways approved CO3 Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Mathematics
(3 credits – MA1)

Select one course: Credits over 3 will be applied to electives.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 122</td>
<td>College Trigonometry: GT-MA1</td>
<td>3</td>
</tr>
<tr>
<td>MAT 123</td>
<td>Finite Mathematics: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 135</td>
<td>Introduction to Statistics: (GT-MA1)</td>
<td>3</td>
</tr>
<tr>
<td>MAT 166</td>
<td>Pre-Calculus: (GT-MA1)</td>
<td>5</td>
</tr>
<tr>
<td>MAT 201</td>
<td>Calculus I: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 204</td>
<td>Calculus III with Engineering Applications: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 261</td>
<td>Differential Equations with Engineering Applications: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 265</td>
<td>Differential Equations: GT-MA1</td>
<td>3</td>
</tr>
</tbody>
</table>

### Arts and Humanities
(6 Credits GT-AH1, GT-AH2, GT-AH3, or GT-AH4)

Select 2 courses from 2 different categories:

#### Category I (GT-AH1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 207</td>
<td>Art History – 1900 to Present: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>Communication and Popular Culture: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 221</td>
<td>Creative Writing I: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Appreciation: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 123</td>
<td>Survey of World Music: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 125</td>
<td>History of Jazz: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 105</td>
<td>Theatre Appreciation: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 108</td>
<td>Theater Script Analysis: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 211</td>
<td>Development of Theatre Greek-Renaissance: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 212</td>
<td>Development of Theatre Restoration to Modern: (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 215</td>
<td>Playwriting: (GT-AH1)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Category II (GT-AH2)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 115</td>
<td>World Mythology: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Moder: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 123</td>
<td>The Modern World: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 202</td>
<td>World Literature after 1600: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 205</td>
<td>Ethnic Literature: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 211</td>
<td>American Literature to Civil War: (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 212</td>
<td>American Literature after Civil War: (GT-AH2)</td>
<td>3</td>
</tr>
</tbody>
</table>
### Category I (GT-AH2)
- LIT 221 British Literature to 1770 (GT-AH2) 3
- LIT 222 British Literature since 1770 (GT-AH2) 3
- LIT 225 Introduction to Shakespeare (GT-AH2) 3
- LIT 246 Literature of Women (GT-AH2) 3
- LIT 255 Children's Literature (GT-AH2) 3
- LIT 259 Survey of African American Literature (GT-AH2) 3

### Category III (GT-AH3)
- PHI 111 Introduction to Philosophy (GT-AH3) 3
- PHI 112 Ethics (GT-AH3) 3
- PHI 113 Logic (GT-AH3) 3
- PHI 114 Comparative Religions (GT-AH3) 3
- PHI 205 Business Ethics (GT-AH3) 3
- PHI 214 Philosophy of Religion (GT-AH3) 3
- PHI 218 Environmental Ethics (GT-AH3) 3
- PHI 220 Philosophy of Death and Dying (GT-AH3) 3

### Category IV (GT-AH4)
- ASL 221 American Sign Language IV (GT-AH4) 3
- SPA 211 Spanish Language III (GT-AH4) 3
- SPA 212 Spanish Language IV (GT-AH4) 3

### History
(3 credits – GT-HI1)
Select one gtPathways course:

### Category I (GT-HI1)
- HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1) 3
- HIS 111 The World: Antiquity - 1500 (GT-HI1) 3
- HIS 112 The World: 1500 - Present (GT-HI1) 3
- HIS 121 US History to Reconstruction (GT-HI1) 3
- HIS 122 US History Since Civil War (GT-HI1) 3
- HIS 205 Women in World History (GT-HI1) 3
- HIS 208 American Indian History (GT-HI1) 3
- HIS 215 Women in U.S. History (GT-HI1) 3
- HIS 225 Colorado History (GT-HI1) 3
- HIS 244 History of Latin America (GT-HI1) 3
- HIS 247 20th Century World History (GT-HI1) 3
- HIS 250 African American History (GT-HI1) 3

### Natural and Physical Sciences
(7 credits—GT-SC1, GT-SC2)
2 guaranteed transfer Natural and Physical Sciences courses, including at least one lab course Category I (GT-SC1):

### Category I (GT-SC1)
- ANT 111 Biological Anthropology w/Lab (GT-SC1) 4
- ANT 121 Introduction to Forensic Anthropology with Lab (GT-SC1) 4
- AST 101 Astronomy I with Lab (GT-SC1) 4
- AST 102 Astronomy II with Lab (GT-SC1) 4
- BIO 105 Science of Biology with Lab (GT-SC1) 4
- BIO 111 General College Biology I with Lab (GT-SC1) 5
- BIO 112 General College Biology II with Lab (GT-SC1) 5
- BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
BIO 204  Microbiology with Lab (GT-SC1) 4
CHE 101  Introduction to Chemistry I with Lab (GT-SC1) 5
CHE 111  General College Chemistry I with Lab (GT-SC1) 5
CHE 112  General College Chemistry II with Lab (GT-SC1) 5
GEO 111  Physical Geography-Landforms with Lab (GT-SC1) 4
GEO 112  Physical Geography-Weather and Climate with Lab (GT-SC1) 4
GEY 111  Physical Geology, with Lab (GT-SC1) 4
GEY 112  Historical Geology, with Lab (GT-SC1) 4
GEY 135  Environmental Geology, with Lab (GT-SC1) 4
PHY 111  Physics: Algebra Based I with Lab (GT-SC1) 5
PHY 112  Physics: Algebra Based II with Lab (GT-SC1) 5
PHY 211  Physics: Calculus Based I with Lab (GT-SC1) 5
PHY 212  Physics: Calculus Based II with Lab (GT-SC1) 5
SCI 155  Integrated Science I - Physics and Chemistry (GT-SC1) 4
SCI 156  Integrated Science II - Earth and Life Science (GT-SC1) 4

BIO 116  Introduction to Human Disease (GT-SC2) 3

**Category II (GT-SC2)**

**Additional General Education Courses**

**Arts and Humanities, History, or Social and Behavioral Sciences**

(3 credits any GT-AH, GT-HI, GT-SS)

Select one additional course from the courses listed above from any of the following gtPathways categories:

GT-AH1, GT-AH2, GT-AH3, GT-AH4, GT-HI1, GT-SS2, GT-SS3, GT-SS5

**Electives: 23 credits**

Electives may be chosen from any gtPathway course or from the following list of non-gtPathway courses:

**Academic Achievement Strategies**

Any AAA course 100 or above

**American Sign Language**

ASL 121  American Sign Language I 5
ASL 122  American Sign Language II 5
ASL 123  American Sign Language III 5
ASL 221  American Sign Language IV (GT-AH4) 3

**American Sign Language**

ASL 121  American Sign Language I 5
ASL 122  American Sign Language II 5
ASL 123  American Sign Language III 5
ASL 221  American Sign Language IV (GT-AH4) 3

**Art**

ART 117  Fiber Design I 3
ART 121  Drawing I 3

**Biology**

BIO 106  Basic Anatomy and Physiology 4
BIO 216  Human Pathophysiology 4

**Business**

BUS 115  Introduction to Business 3
BUS 201  Business Logistics Optimization 3
BUS 202  Business Purchasing, Supply, and Sourcing Logistics 3
BUS 216  Legal Environment of Business 3
BUS 217  Business Communication and Report Writing 3
BUS 226  Business Statistics 3

**Business Technology**

BTE 125  Records Management 3

**Chemistry**

CHE 211  Organic Chemistry I with Lab 5
CHE 212  Organic Chemistry II with Lab 5

**Communication**

COM 115  Public Speaking 3
COM 125  Interpersonal Communication 3
COM 262  Communicating With Impossible People 1
COM 263  Conflict Resolution 1
COM 266  Decision Making 1
COM 268  Problem-Solving 1

**Computer Information Systems**

CIS 115  Introduction to Computer Information Systems 3
CIS 118  Introduction to PC Applications 3
CIS 155  PC Spreadsheet Concepts (Excel) 3
CIS 267  Management of Information Systems 3

**Computer Networking**

CNG 101  Network Fundamentals 3

**Computer Science**

CSC 119  Introduction to Programming 3
Accounting
ACC 121    Accounting Principles I  4
ACC 122    Accounting Principles II 4

Engineering
Any EGG course 100 level or above

English
ENG 222    Creative Writing II 3
ENG 231    Literary Magazine 3

Entrepreneurship
ENP 105    Intro to Entrepreneurship 3
ENP 106    E-ship Opp. Feasibility Study 3
ENP 206    Entrepreneurship Legal Issues 3
ENP 207    Entrepreneurship Financial Topics 3
ENP 209    Entrepreneurship Business Plan 3

Health Wellness
HWE 100    Human Nutrition 3

Management
MAN 105    Logistics Management 3
MAN 156    Problem Solving - Business Environment 3
MAN 168    Basic Process Controls 2
MAN 200    Human Resources Management I 3
MAN 201    Human Resources Management II 3
MAN 225    Managerial Finance 3
MAN 226    Principles of Management 3
MAN 288    Practicum 3

Marketing
MAR 160    Customer Service 3
MAR 216    Principles of Marketing 3
MAR 240    International Marketing 3

Multimedia Graphic Design
MGD 102    Introduction to Multimedia 3

Music
MUS 100    Introduction to Music Theory I 3
MUS 106    Intro to Songwriting 3
MUS 107    Entrep/Artistry for Musicians 3
MUS 110    Music Theory I 3
MUS 112    Ear Training/Sight Singing Lab I 1
MUS 113    Ear Training/Sight Singing Lab II 1

Nursing
NUR 213    Professional Pathway to Nursing 3

Physical Education
Any Course 100 or above

Physics
PHY 213    Physics: Calculus Based III Modern Physics 3

Spanish
SPA 111    Spanish Language I 5
SPA 112    Spanish Language II 5
SPA 235    Spanish Reading-Writing 3

Theatre
THE 106    Cross Cultural Storytelling 4
THE 111    Acting I 3
THE 112    Acting II 3
THE 115    Stage Movement for Actors 3
THE 116    Technical Theatre 3
THE 126    Auditioning for Musical Theatre 3
THE 131    Theatre Production I 3
THE 132    Theatre Production II 3
THE 213    Intermediate Acting I 3

Note: These courses will meet the requirements for an A.A. degree granted by CCA. However, transferring requirements vary by receiving institutions. See an advisor for help with choosing electives.

Anthropology Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree and transfer to a university to complete a BA in Anthropology. Students explore cultural and biological anthropology. Careers often require a master's degree. Anthropology is the study of human society, life, and culture. It answers questions about how people lived, what they thought, and how they interacted with their environment. This gives us an understanding of the world today, and how the future world may develop. This program introduces students to the study of Anthropology and includes courses that are common to all Colorado four-year institutions. Career paths for Anthropology degree holders include market research, field and medical research, museum management, public health, community studies, cultural studies, and field studies in archaeology. The Associate of Arts (AA) degree in Anthropology prepares students to complete the second half of a Bachelor of Arts (BA) in Anthropology at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 32-33 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

English – take 2 gtPathways courses
ENG 121    English Composition I (GT-CO1) 3
AND
ENG 122    English Composition II (GT-CO2) 3

OR

ENG 122    English Composition II (GT-CO2) 3
AND
One gtPathways approved CO3 Course 3
Mathematics
(3 - 4 credits – MA1)
Select one course: MAT 135 Preferred. Credits over 3 will be applied to electives.
MAT 120  Mathematics for Liberal Arts: GT-MA1 4
MAT 121  College Algebra: GT-MA1 4
MAT 122  College Trigonometry: GT-MA1 3
MAT 123  Finite Mathematics: GT-MA1 4
MAT 125  Survey of Calculus: GT-MA1 4
MAT 135  Introduction to Statistics: (GT-MA1) 3
MAT 166  Pre-Calculus: (GT-MA1) 5
MAT 201  Calculus I: GT-MA1 5
MAT 202  Calculus II: GT-MA1 5
MAT 203  Calculus III: GT-MA1 4
MAT 204  Calculus III with Engineering Applications: GT-MA1 5
MAT 261  Differential Equations with Engineering Applications: GT-MA1 4
MAT 265  Differential Equations: GT-MA1 3
Note:
University of Colorado Denver requires either MAT 135 or MAT 121
Western State Colorado University requires MAT 121

Arts and Humanities
(6 credits- AH1, AH2, AH3, AH4)
Select 2 gtPathways courses:

Category I (GT-AH1)
ART 110  Art Appreciation (GT-AH1) 3
ART 111  Art History - Ancient to Medieval (GT-AH1) 3
ART 112  Art History – Renaissance to Modern (GT-AH1) 3
ART 207  Art History - 1900 to Present (GT-AH1) 3
COM 130  Communication and Popular Culture (GT-AH1) 3
ENG 221  Creative Writing I (GT-AH1) 3
MUS 120  Music Appreciation (GT-AH1) 3
MUS 121  Music History: Medieval through Classical Period (GT-AH1) 3
MUS 122  Music History Early Romantic Period to the Present (GT-AH1) 3
MUS 123  Survey of World Music (GT-AH1) 3
MUS 125  History of Jazz (GT-AH1) 3
THE 105  Theatre Appreciation (GT-AH1) 3
THE 108  Theater Script Analysis (GT-AH1) 3
THE 211  Development of Theatre Greek-Renaissance (GT-AH1) 3
THE 212  Development of Theatre Restoration to Modern (GT-AH1) 3
THE 215  Playwriting (GT-AH1) 3

Category II (GT-AH2)
HUM 115  World Mythology (GT-AH2) 3

HUM 121  Humanities: Early Civilizations (GT-AH2) 3
HUM 122  Humanities: Medieval-Modern (GT-AH2) 3
HUM 123  The Modern World (GT-AH2) 3
LIT 115  Introduction to Literature (GT-AH2) 3
LIT 201  World Literature to 1600 (GT-AH2) 3
LIT 202  World Literature after 1600 (GT-AH2) 3
LIT 205  Ethnic Literature (GT-AH2) 3
LIT 211  American Literature to Civil War (GT-AH2) 3
LIT 212  American Literature after Civil War (GT-AH2) 3
LIT 221  British Literature to 1770 (GT-AH2) 3
LIT 222  British Literature since 1770 (GT-AH2) 3
LIT 225  Introduction to Shakespeare (GT-AH2) 3
LIT 246  Literature of Women (GT-AH2) 3
LIT 255  Children’s Literature (GT-AH2) 3
LIT 259  Survey of African American Literature (GT-AH2) 3

Category III (GT-AH3)
PHI 111  Introduction to Philosophy (GT-AH3) 3
PHI 112  Ethics (GT-AH3) 3
PHI 113  Logic (GT-AH3) 3
PHI 114  Comparative Religions (GT-AH3) 3
PHI 205  Business Ethics (GT-AH3) 3
PHI 214  Philosophy of Religion (GT-AH3) 3
PHI 218  Environmental Ethics (GT-AH3) 3
PHI 220  Philosophy of Death and Dying (GT-AH3) 3

Category IV (GT-AH4)
ASL 221  American Sign Language IV (GT-AH4) 3
SPA 211  Spanish Language III (GT-AH4) 3
SPA 212  Spanish Language IV (GT-AH4) 3

*Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

History
(3 credits – GT-HI1)
Select one gtPathways course:

Category I (GT-HI1)
HIS 101  Western Civilization: Antiquity - 1650 (GT-HI1) 3
HIS 111  The World: Antiquity - 1500 (GT-HI1) 3
HIS 112  The World: 1500 - Present (GT-HI1) 3
HIS 121  US History to Reconstruction (GT-HI1) 3
HIS 122  US History Since Civil War (GT-HI1) 3
HIS 205  Women in World History (GT-HI1) 3
HIS 208  American Indian History (GT-HI1) 3
HIS 215  Women in U.S. History (GT-HI1) 3
HIS 225  Colorado History (GT-HI1) 3
HIS 244  History of Latin America (GT-HI1) 3
HIS 247  20th Century World History (GT-HI1) 3
HIS 250  African American History (GT-HI1) 3
Social and Behavioral Sciences
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:

Category I (GT-SS1)

**ECT 201 Principles of Macroeconomics (GT-SS1)** 3
**ECT 202 Principles of Microeconomics (GT-SS1)** 3
**POS 103 Introduction to Political Science (GT-SS1)** 3
**POS 111 American Government (GT-SS1)** 3
**POS 125 American State and Local Government (GT-SS1)** 3
**POS 201 International Relations (GT-SS1)** 3
**POS 225 Comparative Government (GT-SS1)** 3

Category II (GT-SS2)

**GEO 105 World Regional Geography (GT-SS2)** 3
**GEO 106 Human Geography (GT-SS2)** 3

Category III (GT-SS3)

**ANT 101 Cultural Anthropology (GT-SS3)** 3
**ANT 107 Introduction to Archaeology (GT-SS3)** 3
**ANT 215 Native Peoples of North America: GT-SS3** 3
**ANT 250 Medical Anthropology (GT-SS3)** 3
**COM 220 Intercultural Communication (GT-SS3)** 3
**CRJ 110 Introduction to Criminal Justice (GT-SS3)** 3
**ETH 200 Introduction to Ethnic Studies (GT-SS3)** 3
**ETH 215 Discrimination and Diversity (GT-SS3)** 3
**PSY 101 General Psychology I (GT-SS3)** 3
**PSY 102 General Psychology II (GT-SS3)** 3
**PSY 205 Psychology of Gender (GT-SS3)** 3
**PSY 217 Human Sexuality (GT-SS3)** 3
**PSY 226 Social Psychology (GT-SS3)** 3
**PSY 235 Human Growth and Development (GT-SS3)** 3
**PSY 238 Child Development (GT-SS3)** 3
**PSY 249 Abnormal Psychology (GT-SS3)** 3
**SOC 101 Introduction to Sociology I (GT-SS3)** 3
**SOC 102 Introduction to Sociology II (GT-SS3)** 3
**SOC 205 Sociology of Family Dynamics (GT-SS3)** 3
**SOC 215 Contemporary Social Problems (GT-SS3)** 3
**SOC 220 Sociology of Religion (GT-SS3)** 3
**SOC 231 Sociology of Deviant Behavior (GT-SS3)** 3
**WST 200 Introduction to Women’s Studies (GT-SS3)** 3

Natural and Physical Sciences
(8 Credits – GT-SC1)

Select 2 courses:

*EXCEPT* the courses listed in the Additional Required Courses section below.

Category I (GT-SC1)

**ANT 212 Introduction to Forensic Anthropology with Lab (GT-SC1)** 4

**AST 101 Astronomy I with Lab (GT-SC1)** 4
**AST 102 Astronomy II with Lab (GT-SC1)** 4
**BIO 105 Science of Biology with Lab (GT-SC1)** 4
**BIO 111 General College Biology I with Lab (GT-SC1)** 5
**BIO 112 General College Biology II with Lab (GT-SC1)** 5
**BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1)** 4
**BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1)** 4
**BIO 204 Microbiology with Lab (GT-SC1)** 4
**CHE 101 Introduction to Chemistry I with Lab (GT-SC1)** 5
**CHE 111 General College Chemistry I with Lab (GT-SC1)** 5
**CHE 112 General College Chemistry II with Lab (GT-SC1)** 5
**CHE 113 General College Chemistry III with Lab (GT-SC1)** 5
**GEO 112 Physical Geography-Landforms with Lab (GT-SC1)** 4
**GEO 113 Physical Geography-Weather and Climate with Lab (GT-SC1)** 4
**GEY 111 Physical Geology, with Lab (GT-SC1)** 4
**GEY 112 Historical Geology, with Lab (GT-SC1)** 4
**GEY 135 Environmental Geology, with Lab (GT-SC1)** 4
**PHY 111 Physics: Algebra Based I with Lab (GT-SC1)** 5
**PHY 112 Physics: Algebra Based II with Lab (GT-SC1)** 5
**PHY 211 Physics: Calculus Based I with Lab (GT-SC1)** 5
**PHY 212 Physics: Calculus Based II with Lab (GT-SC1)** 5
**SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1)** 4
**SCI 156 Integrated Science II - Earth and Life Science (GT-SC1)** 4

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Additional Required Courses: 22 credits

**COM 115 Public Speaking** 3
**COM 125 Interpersonal Communication** 3
**COM 220 Intercultural Communication (GT-SS3)** 3
**ANT 101 Cultural Anthropology (GT-SS3)** 3
**ANT 107 Introduction to Archaeology (GT-SS3)** 3
**ANT 111 Biological Anthropology w/Lab (GT-SC1)** 4

One gtPathways ANT course in Social and Behavioral Sciences

One gtPathways Arts and Humanities Course
MAT 120 is recommended
Select one 3 or 4 credit course:
- Mathematics
- English

General Education Requirements: 31-32 credits

### English and Communication (6 credits – GT-CO1, GT-CO2, GT-CO3)
English – take two gtPathways courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AND</td>
<td></td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AND</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One gtPathways approved CO3 Course</td>
<td>3</td>
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</tbody>
</table>

### Mathematics (3 credits – MA1)
Select one 3 or 4 credit course:
- MAT 120 is recommended

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts</td>
<td>4</td>
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</table>

Please Note: Additional ANT courses beyond the four courses (13 credit hours) identified above may not count toward the Anthropology major at the receiving four-year institution. See explanation in Limitations section https://highered.colorado.gov/Academics/Transfers/Agreements/STAA_ANTHROPOLOGY_Final.pdf.

Social and Behavioral Sciences Course: Must be GT-SS2 or GT-SS3.
Arts and Humanities Course: GT-AH1, GT-AH2, GT-AH3, GT-AH4.

**Electives: 5-6 credits**
Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

### Arts History Transfer Major, A.A.
Program is designed for students wanting to complete the first 2 years of a bachelor's degree and transfer to a university to complete a BA in Art or Art History. Students explore hands-on and historical aspects of art. Careers often require a master's degree. Art History studies the way that art objects have changed over time, including their style, design, and materials. This program explores the major art forms, including painting, sculpture, and building design, as well as minor art forms, including furniture, ceramics, and decorative objects. This program introduces students to Art History and it includes courses that are common to all four-year institutions in Colorado. Career paths for Art History degree holders include museum and gallery management, government, media, research, and advanced university studies and careers. The Associate of Arts (AA) degree in Art History prepares students to complete the second half of a Bachelor of Arts (BA) or Bachelor of Fine Arts (BFA) in Art or Art History at a four-year university.

**Degree Requirements: 60 credits**

### Category I (GT-AH1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 211</td>
<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 215</td>
<td>Playwriting (GT-AH1)</td>
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### Category II (GT-AH2)

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<th>Credits</th>
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<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
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<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
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<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
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</table>

**Arts and Humanities (6 Credits – GT-AH1, GT-AH2, GT-AH3, or GT-AH4)**
Select two courses:

**EXCEPT** the courses listed in the Additional Required Courses section below.
Select 2 gtPathways courses:

**Social and Behavioral Sciences**
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:

**Category I (GT-SS1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
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<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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**Category II (GT-SS2)**

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<th>Course Title</th>
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<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
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<tr>
<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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</table>

**Category III (GT-SS3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
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<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: (GT-SS3)</td>
<td>3</td>
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<tr>
<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
<td>3</td>
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<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
<td>3</td>
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<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
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<tr>
<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
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<td>PSY 205</td>
<td>Psychology of Gender (GT-SS3)</td>
<td>3</td>
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<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
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<tr>
<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
<td>3</td>
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<td>PSY 238</td>
<td>Child Development (GT-SS3)</td>
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<td>PSY 249</td>
<td>Abnormal Psychology (GT-SS3)</td>
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<td>SOC 101</td>
<td>Introduction to Sociology I (GT-SS3)</td>
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<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
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<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
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<td>SOC 207</td>
<td>Environmental Sociology (GT-SS3)</td>
<td>3</td>
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<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
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<td>SOC 218</td>
<td>Sociology of Diversity (GT-SS3)</td>
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<td>SOC 220</td>
<td>Sociology of Religion (GT-SS3)</td>
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<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
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<tr>
<td>WST 200</td>
<td>Introduction to Women's Studies (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Natural and Physical Sciences**
(7 or 8 credits: GT-SC1, GT-SC2)

Select two gtPathways Natural and Physical Sciences courses, including at least one required lab course (GT-SC1):

**Category I (GT-SC1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>AST 101</td>
<td>Astronomy I w/Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 102</td>
<td>Astronomy II w/Lab (GT-SC1)</td>
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<td>BIO 105</td>
<td>Science of Biology w/Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>BIO 111</td>
<td>General College Biology I w/Lab (GT-SC1)</td>
<td>5</td>
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<tr>
<td>BIO 112</td>
<td>General College Biology II w/Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>BIO 201</td>
<td>Human Anatomy and Physiology I w/Lab (GT-SC1)</td>
<td>4</td>
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</tbody>
</table>
BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
BIO 204 Microbiology with Lab (GT-SC1) 4
CHE 101 Introduction to Chemistry I with Lab (GT-SC1) 5
CHE 111 General College Chemistry I with Lab (GT-SC1) 5
CHE 112 General College Chemistry II with Lab (GT-SC1) 5
GEO 111 Physical Geography-Landforms with Lab (GT-SC1) 4
GEO 112 Physical Geography-Weather and Climate with Lab (GT-SC1) 4
GEO 11 Environmental Geology with Lab (GT-SC1) 4
PHY 111 Physics: Algebra Based I with Lab (GT-SC1) 5
PHY 112 Physics: Algebra Based II with Lab (GT-SC1) 5
PHY 211 Physics: Calculus Based I with Lab (GT-SC1) 5
PHY 212 Physics: Calculus Based II with Lab (GT-SC1) 5
SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1) 4
SCI 156 Integrated Science II - Earth and Life Science (GT-SC1) 4

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Category II (GT-SC2)
BIO 116 Introduction to Human Disease (GT-SC2) 3

Additional Required Courses: 18 credits

ART 111 Art History - Ancient to Medieval (GT-AH1) 3
ART 112 Art History - Renaissance to Modern (GT-AH1) 3
ART 121 Drawing I 3
ART 131 Visual Concepts 2-D Design 3
ART 132 Visual Concepts 3-D Design 3
ART 207 Art History - 1900 to Present (GT-AH1) 3

Electives: 10-11 credits
Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Students planning to transfer to CSU-FC will be required to complete a 200-level foreign language for completion of the BA in Art – Art History. Students will be expected to be prepared upon completion of the associate’s degree to take an intermediate foreign language or be able to pass the CSU-FC Foreign Language placement exam at the sophomore level. It may not be possible to complete the BA in Art – Art History concentration in two years without this prior foreign language competency.

Business Transfer Major, A.A.
Program is designed for students wanting to complete the first 2 years of a bachelor’s degree and transfer to a university to complete a BA or BS in Business. Economics, the community Accounting, and business are explored. Careers typically require a bachelor's or master's degree. The Business Management AA degree prepares the student to transfer as a junior to Colorado 4-year universities. This degree allows you to pursue a BA or BS degree in areas such as Management, Human Resources, Administration, Economics, Marketing, Finance, Accounting, Healthcare Admin and more.

Degree Requirements: 60 credits

General Education Requirements: 37 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3

Mathematics
(8 credits – GT-MA1)
Choose two courses:
MAT 121 College Algebra: GT-MA1 4
MAT 123 Finite Mathematics: GT-MA1 4
MAT 125 Survey of Calculus: GT-MA1 4
MAT Higher Level Calculus course 4-5

Arts and Humanities
(6 credits - GT-AH1, GT-AH2, GT-AH3, GT-AH4)
Select 2 courses:

Category I (GT-AH1)
ART 110 Art Appreciation (GT-AH1) 3
ART 111 Art History - Ancient to Medieval (GT-AH1) 3
ART 112 Art History - Renaissance to Modern (GT-AH1) 3
ART 207 Art History - 1900 to Present (GT-AH1) 3
COM 130 Communication and Popular Culture (GT-AH1) 3
ENG 221 Creative Writing I (GT-AH1) 3
MUS 120 Music Appreciation (GT-AH1) 3
MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
MUS 123 Survey of World Music (GT-AH1) 3
MUS 125 History of Jazz (GT-AH1) 3
THE 105 Theatre Appreciation (GT-AH1) 3
THE 108 Theater Script Analysis (GT-AH1) 3
THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
Category III (GT-AH3)

- PHI 111: Introduction to Philosophy (GT-AH3) 3
- PHI 112: Ethics (GT-AH3) 3
- PHI 113: Logic (GT-AH3) 3
- PHI 114: Comparative Religions (GT-AH3) 3
- PHI 205: Business Ethics (GT-AH3) 3
- PHI 214: Philosophy of Religion (GT-AH3) 3
- PHI 218: Environmental Ethics (GT-AH3) 3
- PHI 220: Philosophy of Death and Dying (GT-AH3) 3

Category IV (GT-AH4)

- ASL 221: American Sign Language IV (GT-AH4) 3
- SPA 211: Spanish Language III (GT-AH4) 3
- SPA 212: Spanish Language IV (GT-AH4) 3

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

History (3 credits - GT-HI1)

Select 1 course:

Category I (GT-HI1)

- HIS 101: Western Civilization: Antiquity - 1650 (GT-HI1) 3
- HIS 111: The World: Antiquity - 1500 (GT-HI1) 3
- HIS 112: The World: 1500 - Present (GT-HI1) 3
- HIS 121: US History to Reconstruction (GT-HI1) 3
- HIS 122: US History Since Civil War (GT-HI1) 3
- HIS 205: Women in World History (GT-HI1) 3
- HIS 208: American Indian History (GT-HI1) 3
- HIS 215: Women in U.S. History (GT-HI1) 3
- HIS 225: Colorado History (GT-HI1) 3
- HIS 244: History of Latin America (GT-HI1) 3
- HIS 247: 20th Century World History (GT-HI1) 3
- HIS 250: African American History (GT-HI1) 3

Social and Behavioral Sciences (6 credits – GT-SS1)

Take both Economic Courses.

- ECO 201: Principles of Macroeconomics (GT-SS1) 3
- ECO 202: Principles of Microeconomics (GT-SS1) 3

Natural and Physical Sciences (8 credits - GT-SC1, GT-SC2)

Select 2 gtPathways courses (one must be with laboratory (GT-SC1):

Category I (GT-SC1)

- ANT 111: Biological Anthropology w/Lab (GT-SC1) 4
- ANT 212: Introduction to Forensic Anthropology with Lab (GT-SC1) 4
- AST 101: Astronomy I with Lab (GT-SC1) 4
- AST 102: Astronomy II with Lab (GT-SC1) 4
- BIO 105: Science of Biology with Lab (GT-SC1) 4
- BIO 111: General College Biology I with Lab (GT-SC1) 5
- BIO 112: General College Biology II with Lab (GT-SC1) 5
- BIO 201: Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202: Human Anatomy and Physiology II with Lab(GT-SC1) 4
- BIO 204: Microbiology with Lab (GT-SC1) 4
- CHE 101: Introduction to Chemistry I with Lab (GT-SC1) 5
- CHE 111: General College Chemistry I with Lab (GT-SC1) 5
- CHE 112: General College Chemistry II with Lab (GT-SC1) 5
- GEO 111: Physical Geography-Landforms with Lab (GT-SC1) 4
- GEO 112: Physical Geography-Weather and Climate with Lab (GT-SC1) 4
- GEOY 111: Physical Geology, with Lab (GT-SC1) 4
- GEOY 112: Historical Geology, with Lab (GT-SC1) 4
- GEOY 135: Environmental Geology, with Lab (GT-SC1) 4
- PHY 111: Physics: Algebra Based I with Lab (GT-SC1) 5
- PHY 112: Physics: Algebra Based II with Lab (GT-SC1) 5
- PHY 211: Physics: Calculus Based I with Lab (GT-SC1) 5
- PHY 212: Physics: Calculus Based II with Lab (GT-SC1) 5
- SCI 155: Integrated Science I - Physics and Chemistry (GT-SC1) 4
- SCI 156: Integrated Science II - Earth and Life Science (GT-SC1) 4

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Category II (GT-SC2)

- BIO 116: Introduction to Human Disease (GT-SC2) 3
Additional Business Requirements: 23 credits

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<td>BUS 217</td>
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Communication Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Communication. Students explore interpersonal communication and public speaking. Careers often require a bachelor's degree. Communication studies explores the many forms of human communication. It includes many topics, from personal conversation, to television and film, to web-based media, to non-verbal communication. This program introduces students to Communication and it includes courses that are common to all four-year institutions in Colorado. Career paths for Communication degree holders include business, advertising, marketing, journalism, media companies, public relations, and social services. The Associate of Arts (AA) degree in Communication prepares students to complete the second half of a Bachelor of Arts in Communication at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 31 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)
Select two gtPathways courses;

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or

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<tr>
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One gtPathways approved CO3 Course

Mathematics

(3 credits – GT-MA1)
Select one gtPathways course; Credits over 3 will be applied to electives.

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<td>MAT 120</td>
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<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
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<td>Finite Mathematics: GT-MA1</td>
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<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
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<td>MAT 135</td>
<td>Introduction to Statistics: (GT-MA1)</td>
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<td>MAT 166</td>
<td>Pre-Calculus: (GT-MA1)</td>
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Associate of Arts Degrees (A.A.) | 63

Arts and Humanities

(6 Credits - GT-AH1, GT-AH2, GT-AH3, or GT-AH4)
Select 2 gtPathways courses;

Category I (GT-AH1)

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<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
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<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
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<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
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<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<td>Music Appreciation (GT-AH1)</td>
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<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
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<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
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<td>Survey of World Music (GT-AH1)</td>
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<td>History of Jazz (GT-AH1)</td>
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<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
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<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
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<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
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<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
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Category II (GT-AH2)

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<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Moder (GT-AH2)</td>
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<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
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<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
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<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
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<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
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<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
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<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
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<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
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<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
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<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
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<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>LIT 246</td>
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<td>Children’s Literature (GT-AH2)</td>
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Category III (GT-AH3)

PHI 111  Introduction to Philosophy (GT-AH3)  3
PHI 112  Ethics (GT-AH3)  3
PHI 113  Logic (GT-AH3)  3
PHI 114  Comparative Religions (GT-AH3)  3
PHI 205  Business Ethics (GT-AH3)  3
PHI 214  Philosophy of Religion (GT-AH3)  3
PHI 218  Environmental Ethics (GT-AH3)  3
PHI 220  Philosophy of Death and Dying (GT-AH3)  3

Category IV (GT-AH4)

ASL 221  American Sign Language IV (GT-AH4)  3
SPA 211  Spanish Language III (GT-AH4)  3
SPA 212  Spanish Language IV (GT-AH4)  3

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

History

(3 credits – GT-HI1)

Select one course:

Category I (GT-HI1)

HIS 101  Western Civilization: Antiquity - 1650 (GT-HI1)  3
HIS 111  The World: Antiquity - 1500 (GT-HI1)  3
HIS 112  The World: 1500 - Present (GT-HI1)  3
HIS 121  US History to Reconstruction (GT-HI1)  3
HIS 122  US History Since Civil War (GT-HI1)  3
HIS 205  Women in World History (GT-HI1)  3
HIS 208  American Indian History (GT-HI1)  3
HIS 215  Women in U.S. History (GT-HI1)  3
HIS 225  Colorado History (GT-HI1)  3
HIS 244  History of Latin America (GT-HI1)  3
HIS 247  20th Century World History (GT-HI1)  3
HIS 250  African American History (GT-HI1)  3

Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select: COM 220 and 1 additional gtPathways SS1, SS2, or SS3 course

COM 220  Intercultural Communication (GT-SS3)  3

Category I (GT-SS1)

ECO 201  Principles of Macroeconomics (GT-SS1)  3
ECO 202  Principles of Microeconomics (GT-SS1)  3
POS 105  Introduction to Political Science (GT-SS1)  3
POS 111  American Government (GT-SS1)  3
POS 125  American State and Local Government (GT-SS1)  3
POS 205  International Relations (GT-SS1)  3
POS 225  Comparative Government (GT-SS1)  3

Category II (GT-SS2)

GEO 105  World Regional Geography (GT-SS2)  3
GEO 106  Human Geography (GT-SS2)  3

Category III (GT-SS3)

ANT 101  Cultural Anthropology (GT-SS3)  3
ANT 107  Introduction to Archaeology (GT-SS3)  3
ANT 215  Native Peoples of North America: GT-SS3  3
ANT 250  Medical Anthropology (GT-SS3)  3
COM 220  Intercultural Communication (GT-SS3)  3
CRJ 110  Introduction to Criminal Justice (GT-SS3)  3
ETH 200  Introduction to Ethnic Studies (GT-SS3)  3
ETH 215  Discrimination and Diversity (GT-SS3)  3
PSY 101  General Psychology I (GT-SS3)  3
PSY 102  General Psychology II (GT-SS3)  3
PSY 205  Psychology of Gender (GT-SS3)  3
PSY 217  Human Sexuality (GT-SS3)  3
PSY 226  Social Psychology (GT-SS3)  3
PSY 235  Human Growth and Development (GT-SS3)  3
PSY 238  Child Development (GT-SS3)  3
PSY 249  Abnormal Psychology (GT-SS3)  3
SOC 101  Introduction to Sociology I (GT-SS3)  3
SOC 102  Introduction to Sociology II (GT-SS3)  3
SOC 205  Sociology of Family Dynamics (GT-SS3)  3
SOC 207  Environmental Sociology (GT-SS3)  3
SOC 215  Contemporary Social Problems (GT-SS3)  3
SOC 218  Sociology of Diversity (GT-SS3)  3
SOC 220  Sociology of Religion (GT-SS3)  3
SOC 231  Sociology of Deviant Behavior (GT-SS3)  3
WST 200  Introduction to Women's Studies (GT-SS3)  3

Natural and Physical Sciences

(7 credits – GT-SC1, GT-SC2)

Select two gtPathways courses, including at least one lab course (GT-SC1).

Category I (GT-SC1)

ANT 111  Biological Anthropology w/Lab (GT-SC1)  4
ANT 212  Introduction to Forensic Anthropology with Lab (GT-SC1)  4
AST 101  Astronomy I with Lab (GT-SC1)  4
AST 102  Astronomy II with Lab (GT-SC1)  4
BIO 105  Science of Biology with Lab (GT-SC1)  4
BIO 111  General College Biology I with Lab (GT-SC1)  5
BIO 112  General College Biology II with Lab (GT-SC1)  5
BIO 201  Human Anatomy and Physiology I with Lab (GT-SC1)  4
BIO 202  Human Anatomy and Physiology II with Lab(GT-SC1)  4
BIO 204  Microbiology with Lab (GT-SC1)  4
CHE 101  Introduction to Chemistry I with Lab (GT-SC1)  5
See an advisor for help with choosing electives.

Criminal Justice Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a Criminal Justice BA or BS. Criminal justice, policing and correction systems are explored. Some careers require a bachelor's degree. Studying Criminal Justice gives us a better understanding of the three main parts of the criminal justice system: law enforcement, the judicial system, and corrections. This program focuses closely on criminal behavior, criminal law, and constitutional law. Criminal Justice requires a willingness to be understanding of different cultures. This program introduces students to the study of Criminal Justice and includes courses that are common to all Colorado four-year institutions. Career paths for Criminal Justice degree holders lead to a variety of federal, state, and local criminal justice agencies. These include correctional institutions, juvenile corrections, and treatment facilities, law enforcement agencies, courts, private security, and investigation work. The Associate of Arts (AA) degree in Criminal Justice prepares students to complete the second half of a Bachelor of Arts (BA) in Criminal Justice at a four-year university.

Degree Requirements: 60 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)

<table>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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<td>ENG 121</td>
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<tr>
<td>AND</td>
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<td>One gtPathways approved CO3 Course</td>
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Mathematics

(3 - 4 credits – MA1)

Select one course: MAT 135 Preferred, except as noted below. Credits over 3 will be applied to electives.

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<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
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<td>Introduction to Statistics: (GT-MA1)</td>
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Note:
Category I (GT-AH1)

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<td>Art History - 1900 to Present (GT-AH1)</td>
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<td>COM 130</td>
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<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<td>Music Appreciation (GT-AH1)</td>
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<td>Music History: Medieval through Classical Period (GT-AH1)</td>
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Category II (GT-AH2)

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<td>American Literature after Civil War (GT-AH2)</td>
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<td>Literature of Women (GT-AH2)</td>
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<td>LIT 255</td>
<td>Children's Literature (GT-AH2)</td>
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<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
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Category III (GT-AH3)

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<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
<td>3</td>
</tr>
</tbody>
</table>

Category IV (GT-AH4)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASL 221</td>
<td>American Sign Language IV (GT-AH4)</td>
<td>3</td>
</tr>
<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
<td>3</td>
</tr>
<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
<td>3</td>
</tr>
</tbody>
</table>

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

History (3 credits - GT-HI1)

Select 1 History course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
<td>3</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences (6 credits – GT-SS3)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology I (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

And one gtPathways Social and Behavioral Sciences Course

Category III (GT-SS3)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
<td>3</td>
</tr>
<tr>
<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>
PSY 205 Psychology of Gender (GT-SS3) 3
PSY 217 Human Sexuality (GT-SS3) 3
PSY 226 Social Psychology (GT-SS3) 3
PSY 235 Human Growth and Development (GT-SS3) 3
PSY 238 Child Development (GT-SS3) 3
PSY 249 Abnormal Psychology (GT-SS3) 3
SOC 101 Introduction to Sociology I (GT-SS3) 3
SOC 102 Introduction to Sociology II (GT-SS3) 3
SOC 205 Sociology of Family Dynamics (GT-SS3) 3
SOC 207 Environmental Sociology (GT-SS3) 3
SOC 215 Contemporary Social Problems (GT-SS3) 3
SOC 218 Sociology of Diversity (GT-SS3) 3
SOC 220 Sociology of Religion (GT-SS3) 3
SOC 231 Sociology of Deviant Behavior (GT-SS3) 3
WST 200 Introduction to Women's Studies (GT-SS3) 3

Natural and Physical Sciences
(7-8 credits - GT-SC1, GT-SC2)
Select two gtPathways Natural & Physical Sciences courses (GT-SC1 or GT-SC2).

One course must be lab-based (GT-SC1).
Credits over 7 will be applied to electives.

Category I (GT-SC1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 105</td>
<td>Science of Biology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>BIO 112</td>
<td>General College Biology II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>BIO 201</td>
<td>Human Anatomy and Physiology I with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 202</td>
<td>Human Anatomy and Physiology II with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Microbiology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>CHE 101</td>
<td>Introduction to Chemistry I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>GEO 111</td>
<td>Physical Geography-Landforms with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>GEO 112</td>
<td>Physical Geography-Weather and Climate with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>GEY 135</td>
<td>Environmental Geology,with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
<td>5</td>
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<tr>
<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
<td>5</td>
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<tr>
<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
<td>4</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
<td>4</td>
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</tbody>
</table>

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Category II (GT-SC2)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 116</td>
<td>Introduction to Human Disease (GT-SC2)</td>
<td>3</td>
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</tbody>
</table>

Additional Required Courses: 27 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 125</td>
<td>Policing Systems</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 145</td>
<td>Correctional Process</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose two (2) courses from the following: (6 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 127</td>
<td>Crime Scene Investigation</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 135</td>
<td>Judicial Function</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 205</td>
<td>Principles of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 209</td>
<td>Criminal Investigation I</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 230</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 236</td>
<td>CRI Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 257</td>
<td>Victimology</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 268</td>
<td>Criminal Profiling</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three (3) courses from the following: (9 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 217</td>
<td>Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 225</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 207</td>
<td>Intro Forensic Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 249</td>
<td>Abnormal Psychology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

If these courses are applied to this second section of the Prescribed Curriculum (Additional Required Courses) for credit, they may not be applied to the first section of the Prescribed Curriculum (General Education Requirements) for credit.

Electives 0-2 Credits
Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.
Early Childhood Education Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA or BS with licensure in Early Childhood Teacher Education. Child development is explored. Licensure requires a bachelor's degree. The ECE program prepares you for a career in teaching children (birth to age 5). The program can also prepare you to become an Early Childhood Teacher or director in the field of Early Childhood Education. Applicants must demonstrate an interest in the care and well-being of young children, be free from evidence of physical and mental illness, and be free from personal conduct that may be injurious to children as stated in the Colorado Rules and Regulations for Child Care Centers, section 7. 702. 51. This program prepares students to become a productive, caring and responsible teacher. Classes emphasize child development skills in the areas of language, social, emotional, cognitive, and physical development. Classes also focus on cultural diversity among children. Students will become familiar with theories concerning child development and ECE, and will participate in many group discussions and hands-on activities that they can apply in the preschool classroom. Students will learn from qualified faculty members who believe in the success of each ECE student.

Degree Requirements: 60 credits

General Education Requirements 33 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics
(4 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
<td>4</td>
</tr>
</tbody>
</table>

Arts and Humanities
(6 credits)

Select two courses:

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
</tbody>
</table>

AND

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 255</td>
<td>Children's Literature (GT-AH2)</td>
<td>3</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences
(6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

History
(3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
</tr>
</tbody>
</table>

Natural and Physical Sciences
(8 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
<td>4</td>
</tr>
</tbody>
</table>

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Early Childhood Education Requirements: 18 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 101</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 102</td>
<td>Introduction to Early Childhood Education Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ECE 103</td>
<td>Guidance Strategies for young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 220</td>
<td>Curriculum Development: Methods and Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ECE 238</td>
<td>ECE Child Growth &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 256</td>
<td>Working with Parents, Families, and Community Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives: 9 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Electives determined by transfer institution. Please see your Pathways Advisor for more information. Electives by institution can be found at https://highered.colorado.gov/Academics/Transfers/Agreements/STAA_ECE_Final_Agreement.pdf. Please contact transfer institution early in the program.

Economics Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Economics. Economic trends and effects of political and social change are explored. Careers often require a master's degree. The Associate of Arts Degree in Economics prepares students to transfer as a junior to a four year CO institution. A BS degree in economics prepares students for advanced degrees, teaching careers, or employment. Economic analysis skills are needed in many careers. Students will be prepared to work in banking, finance, insurance, investment, and the corporate world.

Degree Requirements: 60 credits

General Education Requirements: 37 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics
(5 credits – GT-MA1)
Select three gtPathways Arts & Humanities courses from the following:

**Category I (GT-AH1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 211</td>
<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 215</td>
<td>Playwriting (GT-AH1)</td>
<td>3</td>
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</tbody>
</table>

**Category II (GT-AH2)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 246</td>
<td>Literature of Women (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 255</td>
<td>Children’s Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Category III (GT-AH3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
<td>3</td>
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</table>

**Category IV (GT-AH4)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASL 221</td>
<td>American Sign Language IV (GT-AH4)</td>
<td>3</td>
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<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
<td>3</td>
</tr>
<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
<td>3</td>
</tr>
</tbody>
</table>

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

**History**

(3 Credits - GT-HI1)

Select 1 gtPathways course:

**Category I (GT-HI1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
<td>3</td>
</tr>
</tbody>
</table>

HIS 247: Recommended

**Social and Behavioral Sciences**

(6 credits - GT-SS1)

**Category I (GT-SS1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Natural and Physical Sciences**

(8 credits - GT-SC1, GT-SC2)

Select 2 gtPathways courses, one must be with laboratory (GT-SC1):

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

**Category I (GT-SC1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/ Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 105</td>
<td>Science of Biology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>BIO 112</td>
<td>General College Biology II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
</tbody>
</table>
Degree Requirements: 60 credits

General Education Requirements: 35 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3

Some educator preparation programs require a B- in ENG 121 as an admission requirement. However, a C- or better meets the general education GT-CO1 requirement

Mathematics
(6 credits - MA1)

MAT 155 Integrated Math I (GT-MA1) 3
MAT 156 Integrated Math II (GT-MA1) 3

Completion of MAT 155 & MAT 156 with a C- or higher will satisfy the GT Pathways math requirement at some institutions but not all. At the receiving institution’s discretion, students may be asked to complete a GT-MA1 approved course.

MAT 155 and MAT 156 became approved GT Pathways courses, effective Summer 2020.

Arts and Humanities
(3 credits - AH2)

Choose one:

LIT 115 Introduction to Literature (GT-AH2) 3
OR
LIT 201 World Literature to 1600 (GT-AH2) 3
OR
LIT 202 World Literature after 1600 (GT-AH2) 3
OR
LIT 211 American Literature to Civil War (GT-AH2) 3
OR
LIT 221 British Literature to 1770 (GT-AH2) 3

History
(3 credits - HI1)

HIS 121 US History to Reconstruction (GT-HI1) 3

Social and Behavioral Sciences
(6 Credits)

GEO 105 World Regional Geography (GT-SS2) 3
POS 111 American Government (GT-SS1) 3

Natural and Physical Science
(8 Credits – GT-SC1)

SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1) 4
SCI 156 Integrated Science II - Earth and Life Science (GT-SC1) 4

Students must pass with a C- or higher BOTH SCI 155 & MAT 156 to satisfy the GT Pathways science requirement.

Elementary Teacher Education Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA with licensure in Elementary Teacher Education. Elementary Teacher careers require a bachelor’s degree. The Associate of Arts degree with an emphasis in Elementary* Education prepares students to transfer as a junior to a four-year institution in Colorado in order to become an elementary teacher. Students interested in majoring in education need to identify the four-year college/university to which they plan to transfer. Each individual institution requires different curriculum electives for graduation. *There are no current statewide articulation agreements in secondary or K-12 education, but students can still effectively pursue these options.

To complete the AA graduation requirements, students who have completed or are currently enrolled in courses that will total the first 41 credits will consult a specific teacher education program and be advised on the final 19 credits guaranteed to transfer.

Electives: 20 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.
Education Requirements: 9 credits

COM 115 Public Speaking 3
EDU 221 Introduction to Education 3
PSY 238 Child Development (GT-SS3) 3

Electives: 19 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Total elective credits are based on Transfer Institution. See https://cdhe.colorado.gov/sites/highered/files/documents/STAA_ELED_Master_Agmt_FINAL_Revised_2020_08.pdf for a list of classes for specific institutions. Please consult your Pathways Advisor for assistance. (Consult an advisor at the transfer institution to determine appropriate electives.)

English Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA in English with Literature emphasis. Students gain literature and writing expertise. Careers often require a BA degree or higher. English Literature explores many different opinions, worldviews, and interesting times and places. Students will read some of the great books and poems and discuss a variety of characters, plots, themes, and styles. Studying successful writers allows students to expand their own writing abilities, recognize key issues, and improve their own writing style and voice. This program introduces students to English Literature and it includes courses that are common to all four-year institutions in Colorado. Career paths for English Literature degree holders include media, public relations, law, marketing, advertising, and teaching. The Associate of Arts (AA) degree in English Literature prepares students to complete the second half of a Bachelor of Arts in English (BA) or English at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 34 credits

English and Communication
(6 credits – GT-CO1, GT-CO2, GT-CO3)

Select 2 gtPathways courses

ENG 121 English Composition I (GT-CO1) 3
AND
ENG 122 English Composition II (GT-CO2) 3
OR
ENG 122 English Composition II (GT-CO2) 3
AND
ENG 201 Composition III: Writing for Public Discourse (GT-CO3) 3

Mathematics
(3 credits – GT-MA1)

Select one gtPathways Mathematics course, but not MAT 155 or MAT 156.

MAT 120 is recommended

Arts and Humanities
(9 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 3 gtPathways courses

(NOTE: GT-AH2 Literature (LIT) courses will NOT be accepted to fulfill this requirement.)

Category I (GT-AH1)

ART 110 Art Appreciation (GT-AH1) 3
ART 111 Art History: Ancient to Medieval (GT-AH1) 3
ART 112 Art History: Renaissance to Modern (GT-AH1) 3
ART 207 Art History: 1900 to Present (GT-AH1) 3
COM 130 Communication and Popular Culture (GT-AH1) 3
ENG 221 Creative Writing I (GT-AH1) 3
MUS 120 Music Appreciation (GT-AH1) 3
MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
MUS 123 Survey of World Music (GT-AH1) 3
MUS 125 History of Jazz (GT-AH1) 3
THE 105 Theatre Appreciation (GT-AH1) 3
THE 108 Theater Script Analysis (GT-AH1) 3
THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
THE 215 Playwriting (GT-AH1) 3

Category II (GT-AH2)

HUM 115 World Mythology (GT-AH2) 3
HUM 121 Humanities: Early Civilizations (GT-AH2) 3
HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
HUM 123 The Modern World (GT-AH2) 3

Category III (GT-AH3)

PHI 111 Introduction to Philosophy (GT-AH3) 3
PHI 112 Ethics (GT-AH3) 3
Community College of Aurora 2021-2022 Catalog

**Category I (GT-HI1)**

- **HIS 101** Western Civilization: Antiquity - 1650 (GT-HI1)
- **HIS 111** The World: Antiquity - 1500 (GT-HI1)
- **HIS 112** The World: 1500 - Present (GT-HI1)
- **HIS 121** US History to Reconstruction (GT-HI1)
- **HIS 122** US History Since Civil War (GT-HI1)
- **HIS 205** Women in World History (GT-HI1)
- **HIS 208** American Indian History (GT-HI1)
- **HIS 215** Women in U.S. History (GT-HI1)
- **HIS 225** Colorado History (GT-HI1)
- **HIS 244** History of Latin America (GT-HI1)
- **HIS 247** 20th Century World History (GT-HI1)
- **HIS 250** African American History (GT-HI1)

**History**

*3 credits – GT-HI1*

Select one gtPathways course:

**Category I (GT-SGS1)**

- **ANT 101** Cultural Anthropology (GT-SGS3)
- **ANT 107** Introduction to Archaeology (GT-SGS3)
- **ANT 212** Introduction to Forensic Anthropology with Lab (GT-SC1)
- **ANT 215** Native Peoples of North America: GT-SS3
- **ANT 250** Medical Anthropology (GT-SGS3)
- **CRJ 110** Introduction to Criminal Justice (GT-SS3)
- **ETH 200** Introduction to Ethnic Studies (GT-SS3)
- **ETH 215** Discrimination and Diversity (GT-SGS3)
- **GEO 105** Physical Geography with Lab (GT-SC1)
- **GEO 106** Human Geography (GT-SS2)
- **GEO 111** Physical Geography-Landforms with Lab (GT-SC1)
- **GEO 112** Physical Geography-Weather and Climate with Lab (GT-SC1)
- **GEO 201** Principles of Microeconomics (GT-SGS1)
- **GEO 202** Principles of Macroeconomics (GT-SGS1)
- **POS 105** Introduction to Political Science (GT-SGS1)
- **POS 111** American Government (GT-SGS1)
- **POS 205** International Relations (GT-SGS1)
- **POS 225** Comparative Government (GT-SGS1)

**Social and Behavioral Sciences**

*6 credits – GT-SS1, GT-SS2, GT-SS3*

Select 2 gtPathways courses:

**Category I (GT-SGS1)**

- **ECO 201** Principles of Macroeconomics (GT-SGS1)
- **ECO 202** Principles of Microeconomics (GT-SGS1)
- **POS 105** Introduction to Political Science (GT-SGS1)
- **POS 111** American Government (GT-SGS1)
- **POS 125** American State and Local Government (GT-SGS1)
- **POS 205** International Relations (GT-SGS1)
- **POS 225** Comparative Government (GT-SGS1)
- **GEO 105** World Regional Geography (GT-SS2)
- **GEO 106** Human Geography (GT-SS2)
- **GEO 201** Human Anatomy and Physiology I with Lab (GT-SC1)
- **GEO 202** Human Anatomy and Physiology II with Lab (GT-SC1)
- **GEO 204** Microbiology with Lab (GT-SC1)
- **CHE 101** Introduction to Chemistry I with Lab (GT-SC1)
- **CHE 111** General College Chemistry I with Lab (GT-SC1)
- **CHE 112** General College Chemistry II with Lab (GT-SC1)
- **GEO 201** Principles of Microeconomics (GT-SGS1)
- **GEO 202** Principles of Macroeconomics (GT-SGS1)
- **POS 105** Introduction to Political Science (GT-SGS1)
- **POS 111** American Government (GT-SGS1)
- **POS 125** American State and Local Government (GT-SGS1)
- **POS 205** International Relations (GT-SGS1)
- **POS 225** Comparative Government (GT-SGS1)
- **GEO 105** World Regional Geography (GT-SS2)
- **GEO 106** Human Geography (GT-SS2)
- **GEO 201** Human Anatomy and Physiology I with Lab (GT-SC1)
- **GEO 202** Human Anatomy and Physiology II with Lab (GT-SC1)
- **GEO 204** Microbiology with Lab (GT-SC1)
- **CHE 101** Introduction to Chemistry I with Lab (GT-SC1)
- **CHE 111** General College Chemistry I with Lab (GT-SC1)
- **CHE 112** General College Chemistry II with Lab (GT-SC1)
- **GEO 111** Physical Geography-Landforms with Lab (GT-SC1)
- **GEO 112** Physical Geography-Weather and Climate with Lab (GT-SC1)

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

**Natural and Physical Sciences**

*7 credits – GT-SC1*

Select 2 gtPathways courses, one must be with laboratory (GT-SC1):

**Category I (GT-SC1)**

- **ANT 111** Biological Anthropology w/Lab (GT-SC1)
- **ANT 212** Introduction to Forensic Anthropology with Lab (GT-SC1)
- **AST 101** Astronomy I with Lab (GT-SC1)
- **AST 102** Astronomy II with Lab (GT-SC1)
- **BIO 105** Science of Biology with Lab (GT-SC1)
- **BIO 111** General College Biology I with Lab (GT-SC1)
- **BIO 112** General College Biology II with Lab (GT-SC1)
- **BIO 201** Human Anatomy and Physiology I with Lab (GT-SC1)
- **BIO 202** Human Anatomy and Physiology II with Lab (GT-SC1)
- **BIO 204** Microbiology with Lab (GT-SC1)
- **CHE 101** Introduction to Chemistry I with Lab (GT-SC1)
- **CHE 111** General College Chemistry I with Lab (GT-SC1)
- **CHE 112** General College Chemistry II with Lab (GT-SC1)
- **GEO 111** Physical Geography-Landforms with Lab (GT-SC1)
- **GEO 112** Physical Geography-Weather and Climate with Lab (GT-SC1)
- **GEO 201** Principles of Microeconomics (GT-SGS1)
- **GEO 202** Principles of Macroeconomics (GT-SGS1)
- **POS 105** Introduction to Political Science (GT-SGS1)
- **POS 111** American Government (GT-SGS1)
- **POS 125** American State and Local Government (GT-SGS1)
- **POS 205** International Relations (GT-SGS1)
- **POS 225** Comparative Government (GT-SGS1)
- **GEO 105** World Regional Geography (GT-SS2)
- **GEO 106** Human Geography (GT-SS2)
- **GEO 201** Human Anatomy and Physiology I with Lab (GT-SC1)
- **GEO 202** Human Anatomy and Physiology II with Lab (GT-SC1)
- **GEO 204** Microbiology with Lab (GT-SC1)
- **CHE 101** Introduction to Chemistry I with Lab (GT-SC1)
- **CHE 111** General College Chemistry I with Lab (GT-SC1)
- **CHE 112** General College Chemistry II with Lab (GT-SC1)
- **GEO 111** Physical Geography-Landforms with Lab (GT-SC1)
- **GEO 112** Physical Geography-Weather and Climate with Lab (GT-SC1)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
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<tr>
<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>GEY 135</td>
<td>Environmental Geology, with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
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<tr>
<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
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</tr>
<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<tr>
<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
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Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

### Category II (GT-SC2)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BIO 116</td>
<td>Introduction to Human Disease (GT-SC2)</td>
<td>3</td>
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</tbody>
</table>

### Additional Required Courses: 18 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 225</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
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<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
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<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
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<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
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<tr>
<td>LIT 222</td>
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<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>LIT 246</td>
<td>Literature of Women (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
<td>3</td>
</tr>
</tbody>
</table>

Please Note: Students are required to take a total of 5 (five) gtPathways Arts & Humanities LITERATURE (LIT) courses from GT-AH2 (15 credits), 4 (four) of which must be at the 200-level. Please consult with your receiving institution regarding best choices for literature courses.

### Electives: 8 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Recommended elective: ENG 221 Creative Writing 1 (3 credits)

### Geography Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Geography. Students learn to describe and analyze physical and cultural landscape. Careers often require a bachelor's degree. As a geography student, you will explore the earth's surface features and climate, how humans are distributed and the ways in which humans interact with their environment. The program also delves into all aspects of the physical and cultural landscape. This program is designed for students wanting to complete the first 2 years of a bachelor's degree and transfer to a university to complete a BA in Geography.

### Degree Requirements: 60 credits

#### General Education Requirements: 32-33 credits

#### English and Communication

**6 credits – GT-CO1, GT-CO2**

Select 2 gtPathways courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
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<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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<tr>
<td>One gtPathways approved CO3 Course</td>
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<td>3</td>
</tr>
</tbody>
</table>

#### Mathematics

**3 - 4 credits – MA1**

Select one course: MAT 135 Preferred, except as noted below. Credits over 3 will be applied to electives.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 122</td>
<td>College Trigonometry: GT-MA1</td>
<td>3</td>
</tr>
<tr>
<td>MAT 123</td>
<td>Finite Mathematics: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
<td>4</td>
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<tr>
<td>MAT 135</td>
<td>Introduction to Statistics: (GT-MA1)</td>
<td>3</td>
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<tr>
<td>MAT 166</td>
<td>Pre-Calculus: (GT-MA1)</td>
<td>5</td>
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<tr>
<td>MAT 201</td>
<td>Calculus I: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
<td>4</td>
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<tr>
<td>MAT 204</td>
<td>Calculus III with Engineering Applications: GT-MA1</td>
<td>5</td>
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<tr>
<td>MAT 261</td>
<td>Differential Equations with Engineering Applications: GT-MA1</td>
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<tr>
<td>MAT 265</td>
<td>Differential Equations: GT-MA1</td>
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</table>

Note:

- Adams State University requires MAT 121: College Algebra
- Metropolitan State University of Denver requires either MAT 135: Introduction to Statistics or MAT 121: College Algebra
- University of Colorado Denver requires either MAT 121: College Algebra or MAT 135: Intro to Statistics.
Arts and Humanities
(6 credits - GT-AH1, GT-AH2, GT-AH3)

Select 2 courses:

**Category I (GT-AH1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
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<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
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<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
<td>3</td>
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<tr>
<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
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<tr>
<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
<td>3</td>
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<tr>
<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
<td>3</td>
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<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
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<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
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<tr>
<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
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<tr>
<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
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<td>THE 211</td>
<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
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<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
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<tr>
<td>THE 215</td>
<td>Playwriting (GT-AH1)</td>
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</table>

**Category II (GT-AH2)**

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<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
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<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
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<tr>
<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
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<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>LIT 246</td>
<td>Literature of Women (GT-AH2)</td>
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<td>LIT 255</td>
<td>Children’s Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
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**Category III (GT-AH3)**

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
<td>3</td>
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<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
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</table>

**History**
(3 credits – GT-HI1)

Select one course:

**Category I (GT-HI1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
<td>3</td>
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<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
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<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
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<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
<td>3</td>
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<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
<td>3</td>
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<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
<td>3</td>
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<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
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<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
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<tr>
<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
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<tr>
<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
<td>3</td>
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</tbody>
</table>

**Social and Behavioral Sciences**
(6 credits – GT-SS1 OR GT-SS3)

Select 2 gtPathways courses:

**Category I (GT-SS1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
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<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
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<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
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<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
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<tr>
<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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**Category III (GT-SS3)**

<table>
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<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
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<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
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<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<tr>
<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
<td>3</td>
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<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
<td>3</td>
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<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
<td>3</td>
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<tr>
<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
<td>3</td>
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</tbody>
</table>
Select two gtPathways courses:

(8 Credits – GT-SC1)

- ANT 111 Biological Anthropology w/Lab (GT-SC1) 4
- ANT 212 Introduction to Forensic Anthropology with Lab (GT-SC1) 4
- AST 101 Astronomy I with Lab (GT-SC1) 4
- AST 102 Astronomy II with Lab (GT-SC1) 4
- BIO 105 Science of Biology with Lab (GT-SC1) 4
- BIO 111 General College Biology I with Lab (GT-SC1) 5
- BIO 112 General College Biology II with Lab (GT-SC1) 5
- BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
- BIO 204 Microbiology with Lab (GT-SC1) 4
- CHE 101 Introduction to Chemistry I with Lab (GT-SC1) 5
- CHE 111 General College Chemistry I with Lab (GT-SC1) 5
- CHE 112 General College Chemistry II with Lab (GT-SC1) 5
- GEY 111 Physical Geology, with Lab (GT-SC1) 4
- GEY 112 Historical Geology, with Lab (GT-SC1) 4
- GEY 135 Environmental Geology, with Lab (GT-SC1) 4
- PHY 111 Physics: Algebra Based I with Lab (GT-SC1) 5
- PHY 112 Physics: Algebra Based II with Lab (GT-SC1) 5
- PHY 211 Physics: Calculus Based I with Lab (GT-SC1) 5
- PHY 212 Physics: Calculus Based II with Lab (GT-SC1) 5
- SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1) 4
- SCI 156 Integrated Science II - Earth and Life Science (GT-SC1) 4

- For Adams State, students must take BIO 111 and CHE 101.

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Additional Required Courses: 14 credits

- GEO 105 World Regional Geography (GT-SC2) 3
- GEO 106 Human Geography (GT-SC2) 3
- GEO 111 Physical Geography-Landforms with Lab (GT-SC1) 4
- GEO 112 Physical Geography-Weather and Climate with Lab (GT-SC1) 4

Electives: 13-14 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Electives may be chosen from any gtPathways Course

Any non-gtPathways courses listed in the AA/AS degree core can also be taken as an elective.

- Maximum of 6 (six) credits may be in GEO or GIS prefix.
- Number of elective credits may vary according to receiving institution. You are advised to contact an advisor at the receiving institution.

History Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in History. Students analyze history from economic and political perspectives. Careers often require a bachelor's degree. History is the study of the past in order to help us understand the present. Studying History is much more than learning about people, dates, and events - students also learn important skills that are valuable in many careers. These include strong research and writing skills, strong communication skills, and the ability to use digital collections, analyze source material, and present evidence very clearly. This program introduces students to History and it includes courses that are common to all four-year institutions in Colorado. Career Information. Career paths for History degree holders include public service, law, business, library management, business, marketing, media, and many more. History degree holders are found in many, many professions around the world. The Associate of Arts (AA) degree in History prepares students to complete the second half of a Bachelor of Arts (BA) in History at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 34 credits

English and Communication

(6 credits – GT-CO1, GT-CO2, GT-CO3)

Select two gtPathways courses:

- ENG 121 English Composition I (GT-CO1) 3
- ENG 122 English Composition II (GT-CO2) 3

OR

- NO GEO-prefix science courses
- GEY 111: Not recommended
Category I (GT-AH1)

ART 110      Art Appreciation (GT-AH1)        3
ART 111      Art History - Ancient to Medieval (GT-AH1)  3
ART 112      Art History – Renaissance to Modern (GT-AH1)  3
ART 207      Art History - 1900 to Present (GT-AH1)  3
COM 130      Communication and Popular Culture (GT-AH1)  3
ENG 221      Creative Writing I (GT-AH1)  3
MUS 120      Music Appreciation (GT-AH1)  3
MUS 121      Music History: Medieval through Classical Period (GT-AH1)  3
MUS 122      Music History Early Romantic Period to the Present (GT-AH1)  3
MUS 123      Survey of World Music (GT-AH1)  3
MUS 125      History of Jazz (GT-AH1)  3
THE 105      Theatre Appreciation (GT-AH1)  3
THE 108      Theater Script Analysis (GT-AH1)  3
THE 211      Development of Theatre Greek-Renaissance (GT-AH1)  3
THE 212      Development of Theatre Restoration to Modern (GT-AH1)  3
THE 215      Playwriting (GT-AH1)  3

Category II (GT-AH2)

HUM 115      World Mythology (GT-AH2)  3

HUM 121      Humanities: Early Civilizations (GT-AH2)  3
HUM 122      Humanities: Medieval-Modern (GT-AH2)  3
HUM 123      The Modern World (GT-AH2)  3
LIT 115      Introduction to Literature (GT-AH2)  3
LIT 201      World Literature to 1600 (GT-AH2)  3
LIT 202      World Literature after 1600 (GT-AH2)  3
LIT 205      Ethnic Literature (GT-AH2)  3
LIT 211      American Literature to Civil War (GT-AH2)  3
LIT 212      American Literature after Civil War (GT-AH2)  3
LIT 221      British Literature to 1770 (GT-AH2)  3
LIT 222      British Literature since 1770 (GT-AH2)  3
LIT 225      Introduction to Shakespeare (GT-AH2)  3
LIT 246      Literature of Women (GT-AH2)  3
LIT 255      Children’s Literature (GT-AH2)  3
LIT 259      Survey of African American Literature (GT-AH2)  3

Category III (GT-AH3)

PHI 111      Introduction to Philosophy (GT-AH3)  3
PHI 112      Ethics (GT-AH3)  3
PHI 113      Logic (GT-AH3)  3
PHI 114      Comparative Religions (GT-AH3)  3
PHI 205      Business Ethics (GT-AH3)  3
PHI 214      Philosophy of Religion (GT-AH3)  3
PHI 218      Environmental Ethics (GT-AH3)  3
PHI 220      Philosophy of Death and Dying (GT-AH3)  3

Category IV (GT-AH4)

ASL 221      American Sign Language IV (GT-AH4)  3
SPA 211      Spanish Language III (GT-AH4)  3
SPA 212      Spanish Language IV (GT-AH4)  3

Students planning to transfer to Colorado State University Ft. Collins are advised to complete at least two semesters of one college level foreign language. Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

History

(3 credits - GH-HI)

Select 1 gtPathways course:

HIS 101      Western Civilization: Antiquity - 1650 (GH-HI1)  3
HIS 111      The World: Antiquity - 1500 (GH-HI1)  3

Students planning to transfer to University of Colorado Boulder must take HIS 101 or HIS 102 to fulfill this requirement.

Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 courses:

Category I (GT-SS1)

ECO 201      Principles of Macroeconomics (GT-SS1)  3
ECO 202      Principles of Microeconomics (GT-SS1)  3
<table>
<thead>
<tr>
<th>Category II (GT-SS2)</th>
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<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
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<tr>
<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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<table>
<thead>
<tr>
<th>Category III (GT-SS3)</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
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<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
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<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
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<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
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<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
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<td>PSY 102</td>
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<td>Psychology of Gender (GT-SS3)</td>
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<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
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<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
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<td>PSY 238</td>
<td>Child Development (GT-SS3)</td>
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<td>Abnormal Psychology (GT-SS3)</td>
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<td>Introduction to Sociology I (GT-SS3)</td>
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<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
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<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
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<td>SOC 207</td>
<td>Environmental Sociology (GT-SS3)</td>
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<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
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<tr>
<td>SOC 218</td>
<td>Sociology of Diversity (GT-SS3)</td>
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<tr>
<td>SOC 220</td>
<td>Sociology of Religion (GT-SS3)</td>
</tr>
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<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
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<tr>
<td>WST 200</td>
<td>Introduction to Women’s Studies (GT-SS3)</td>
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</table>

### Natural and Physical Sciences

(7 Credits – GT-SC1, GT-SC2)

Select 2 courses; one must be with required laboratory (GT-SC1):

<table>
<thead>
<tr>
<th>Category I (GT-SC1)</th>
<th></th>
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<tbody>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
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<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology with Lab (GT-SC1)</td>
</tr>
<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
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<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
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<tr>
<td>BIO 105</td>
<td>Science of Biology with Lab (GT-SC1)</td>
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<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
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<tr>
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<td>General College Biology II with Lab (GT-SC1)</td>
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<tr>
<td>BIO 201</td>
<td>Human Anatomy and Physiology I with Lab (GT-SC1)</td>
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<td>Human Anatomy and Physiology II with Lab (GT-SC1)</td>
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<td>BIO 204</td>
<td>Microbiology with Lab (GT-SC1)</td>
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<td>Introduction to Chemistry I with Lab (GT-SC1)</td>
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<td>CHE 111</td>
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<td>CHE 112</td>
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<td>GEO 111</td>
<td>Physical Geography-Landforms with Lab (GT-SC1)</td>
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<td>GEO 112</td>
<td>Physical Geography-Weather and Climate with Lab (GT-SC1)</td>
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<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
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<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
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<td>GEY 135</td>
<td>Environmental Geology, with Lab (GT-SC1)</td>
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<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
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<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
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<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
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Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

### Category II (GT-SC2)

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<tr>
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<tr>
<td>BIO 116</td>
<td>Introduction to Human Disease (GT-SC2)</td>
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### Additional Required Courses: 15 credits

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<tbody>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
</tr>
</tbody>
</table>

AND

Students planning to transfer to University of Colorado Boulder must take either HIS 101 or HIS 102 to fulfill this requirement. However, CCA does not offer HIS 102.

### One Additional gtPathways History Course:

| HIS 208  | American Indian History (GT-HI1)  | 3 |
| HIS 215  | Women in U.S. History (GT-HI1)  | 3 |
| HIS 244  | History of Latin America (GT-HI1)  | 3 |
Select one course:

- MAT 120 Mathematics for Liberal Arts: GT-MA1 4
- MAT 121 College Algebra: GT-MA1 4
- MAT 122 College Trigonometry: GT-MA1 3
- MAT 123 Finite Mathematics: GT-MA1 4

Select two courses:

- English Composition I (GT-CO1)
- English Composition II (GT-CO2)

**Electives may be chosen from any gtPathways course**

Any non-gtPathways courses listed in the AA/AS degree core electives list can also be taken as an elective.

Students planning to transfer to CSU Ft. Collins are advised to complete at least two semesters of one college level foreign language.

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**Philosophy Transfer Major, A.A.**

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA in Philosophy. Students explore hidden meanings behind everyday life. Careers often require a master’s degree or higher. Philosophy explores human ideas and problems, such as life, reality, values, knowledge, understanding, and language. It has many areas and the content involves many places, cultures, and periods of history. This program introduces students to the field of Philosophy and it includes courses that are common to all four-year institutions in Colorado. Career paths for Philosophy degree holders include law, government, business, science, teaching, and advanced university studies. The Associate of Arts (AA) degree in Philosophy prepares students to complete the second half of a Bachelor of Arts (BA) in Philosophy at a four-year university.

**Degree Requirements: 60 credits**

**General Education Requirements: 31 credits**

**English and Communication**

(6 credits – GT-CO1, GT-CO2)

Select two courses:

- ENG 121 English Composition I (GT-CO1) 3
- ENG 122 English Composition II (GT-CO2) 3

OR

- ENG 121 English Composition I (GT-CO1) 3
- ENG 122 English Composition II (GT-CO2) 3

One gtPathways approved CO3 Course 3

**Mathematics**

(3 credits – GT-MA1)

Select one course:

- MAT 120 Mathematics for Liberal Arts: GT-MA1 4
- MAT 121 College Algebra: GT-MA1 4
- MAT 122 College Trigonometry: GT-MA1 3
- MAT 123 Finite Mathematics: GT-MA1 4

Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

**Electives: 11 credits**

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

**Arts and Humanities**

(6 credits- GT-AH1, GT-AH2, GT-AH4)

Select 2 courses:

**Category I (GT-AH1)**

- ART 110 Art Appreciation (GT-AH1) 3
- ART 111 Art History - Ancient to Medieval (GT-AH1) 3
- ART 112 Art History - Renaissance to Modern (GT-AH1) 3
- ART 207 Art History - 1900 to Present (GT-AH1) 3
- COM 130 Communication and Popular Culture (GT-AH1) 3
- ENG 221 Creative Writing I (GT-AH1) 3
- MUS 120 Music Appreciation (GT-AH1) 3
- MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
- MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
- MUS 123 Survey of World Music (GT-AH1) 3
- MUS 125 History of Jazz (GT-AH1) 3
- THE 105 Theatre Appreciation (GT-AH1) 3
- THE 108 Theater Script Analysis (GT-AH1) 3
- THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
- THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
- THE 215 Playwriting (GT-AH1) 3

**Category II (GT-AH2)**

- HUM 115 World Mythology (GT-AH2) 3
- HUM 121 Humanities: Early Civilizations (GT-AH2) 3
- HUM 122 Humanities: Medieval Modern (GT-AH2) 3
- HUM 123 The Modern World (GT-AH2) 3
- LIT 115 Introduction to Literature (GT-AH2) 3
- LIT 201 World Literature to 1600 (GT-AH2) 3
- LIT 202 World Literature after 1600 (GT-AH2) 3
- LIT 205 Ethnic Literature (GT-AH2) 3
- LIT 211 American Literature to Civil War (GT-AH2) 3
- LIT 212 American Literature after Civil War (GT-AH2) 3
- LIT 221 British Literature to 1770 (GT-AH2) 3
- LIT 222 British Literature since 1770 (GT-AH2) 3
- LIT 225 Introduction to Shakespeare (GT-AH2) 3
LIT 246  Literature of Women (GT-AH2)  3
LIT 255  Children's Literature (GT-AH2)  3
LIT 259  Survey of African American Literature (GT-AH2)  3

Category IV (GT-AH4)
ASL 221  American Sign Language IV (GT-AH4)  3
SPA 211  Spanish Language III (GT-AH4)  3
SPA 212  Spanish Language IV (GT-AH4)  3

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

History
(3 credits – GT-H11)
Select one course:

Category I (GT-H11)
HIS 101  Western Civilization: Antiquity - 1650 (GT-H11)  3
HIS 111  The World: Antiquity - 1500 (GT-H11)  3
HIS 112  The World: 1500 - Present (GT-H11)  3
HIS 121  US History to Reconstruction (GT-H11)  3
HIS 122  US History Since Civil War (GT-H11)  3
HIS 205  Women in World History (GT-H11)  3
HIS 208  American Indian History (GT-H11)  3
HIS 215  Women in U.S. History (GT-H11)  3
HIS 225  Colorado History (GT-H11)  3
HIS 244  History of Latin America (GT-H11)  3
HIS 247  20th Century World History (GT-H11)  3
HIS 250  African American History (GT-H11)  3

Social and Behavioral Sciences
(6 credits – GT-SS1, GT-SS2, GT-SS3)
Select 2 courses:

Category I (GT-SS1)
ECO 201  Principles of Macroeconomics (GT-SS1)  3
ECO 202  Principles of Microeconomics (GT-SS1)  3
POS 105  Introduction to Political Science (GT-SS1)  3
POS 111  American Government (GT-SS1)  3
POS 125  American State and Local Government (GT-SS1)  3
POS 205  International Relations (GT-SS1)  3
POS 225  Comparative Government (GT-SS1)  3

Category II (GT-SS2)
GEO 105  World Regional Geography (GT-SS2)  3
GEO 106  Human Geography (GT-SS2)  3

Category III (GT-SS3)
ANT 101  Cultural Anthropology (GT-SS3)  3
ANT 107  Introduction to Archaeology (GT-SS3)  3
ANT 215  Native Peoples of North America: GT-SS3  3
ANT 250  Medical Anthropology (GT-SS3)  3

COM 220  Intercultural Communication (GT-SS3)  3
CRJ 110  Introduction to Criminal Justice (GT-SS3)  3
ETH 200  Introduction to Ethnic Studies (GT-SS3)  3
ETH 215  Discrimination and Diversity (GT-SS3)  3
PSY 101  General Psychology I (GT-SS3)  3
PSY 102  General Psychology II (GT-SS3)  3
PSY 205  Psychology of Gender (GT-SS3)  3
PSY 217  Human Sexuality (GT-SS3)  3
PSY 226  Social Psychology (GT-SS3)  3
PSY 235  Human Growth and Development (GT-SS3)  3
PSY 238  Child Development (GT-SS3)  3
PSY 249  Abnormal Psychology (GT-SS3)  3
SOC 101  Introduction to Sociology I (GT-SS3)  3
SOC 102  Introduction to Sociology II (GT-SS3)  3
SOC 205  Sociology of Family Dynamics (GT-SS3)  3
SOC 215  Contemporary Social Problems (GT-SS3)  3
SOC 220  Sociology of Religion (GT-SS3)  3
SOC 231  Sociology of Deviant Behavior (GT-SS3)  3
WST 200  Introduction to Women's Studies (GT-SS3)  3

Natural and Physical Sciences
(7 Credits – GT-SC1, GT-SC2)
Select two gtPathways course; one must be with required Laboratory (GT-SC1):

Category I (GT-SC1)
ANT 111  Biological Anthropology w/Lab (GT-SC1)  4
ANT 212  Introduction to Forensic Anthropology with Lab (GT-SC1)  4
AST 101  Astronomy I with Lab (GT-SC1)  4
AST 102  Astronomy II with Lab (GT-SC1)  4
BIO 105  Science of Biology with Lab (GT-SC1)  4
BIO 111  General College Biology I with Lab (GT-SC1)  5
BIO 112  General College Biology II with Lab (GT-SC1)  5
BIO 201  Human Anatomy and Physiology I with Lab (GT-SC1)  4
BIO 202  Human Anatomy and Physiology II with Lab(GT-SC1)  4
BIO 204  Microbiology with Lab (GT-SC1)  4
CHE 101  Introduction to Chemistry I with Lab (GT-SC1)  5
CHE 111  General College Chemistry I with Lab (GT-SC1)  5
CHE 112  General College Chemistry II with Lab (GT-SC1)  5
GEO 111  Physical Geography-Landforms with Lab (GT-SC1)  4
GEO 112  Physical Geography-Weather and Climate with Lab (GT-SC1)  4
GEO 113  Environmental Geology, with Lab (GT-SC1)  4
GEO 135  Environmental Geology, with Lab (GT-SC1)  4
PHY 111  Physics: Algebra Based I with Lab (GT-SC1)  5
Arts (AA) degree in Political Science prepares students to complete the second half of a Bachelor of Arts (BA) in Political Science at a four-year university.

**Degree Requirements: 60 credits**

**General Education Requirements: 32 credits**

**English and Communication**
(6 credits – GT-CO1, GT-CO2)

Select 2 gtPathways courses:
- ENG 121 English Composition I (GT-CO1) 3
- ENG 122 English Composition II (GT-CO2) 3

**OR**
- ENG 122 English Composition II (GT-CO2) 3
- One gtPathways approved CO3 Course 3

**Mathematics**
(3 credits – GT-MA1)

One gtPathways Mathematics course:
- MAT 135 Mathematics for Liberal Arts: GT-MA1 4
- MAT 121 College Algebra: GT-MA1 4
- MAT 122 College Trigonometry: GT-MA1 3
- MAT 123 Finite Mathematics: GT-MA1 4
- MAT 125 Survey of Calculus: GT-MA1 4
- MAT 135 Introduction to Statistics: (GT-MA1) 3
- MAT 166 Pre-Calculus: (GT-MA1) 5
- MAT 201 Calculus I: GT-MA1 5
- MAT 202 Calculus II: GT-MA1 5
- MAT 203 Calculus III: GT-MA1 4
- MAT 204 Calculus III with Engineering Applications: GT-MA1 4
- MAT 261 Differential Equations with Engineering Applications: GT-MA1 5
- MAT 265 Differential Equations: GT-MA1 3

gtPathways Mathematics course: But not MAT 155 or MAT 156.

**Arts and Humanities**
(6 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 2 courses:

**Category I (GT-AH1)**
- ART 110 Art Appreciation (GT-AH1) 3
- ART 111 Art History - Ancient to Medieval (GT-AH1) 3
- ART 112 Art History – Renaissance to Modern (GT-AH1) 3
- ART 207 Art History - 1900 to Present (GT-AH1) 3
- COM 130 Communication and Popular Culture (GT-AH1) 3
- ENG 221 Creative Writing I (GT-AH1) 3
- MUS 120 Music Appreciation (GT-AH1) 3
- MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
- MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
- MUS 123 Survey of World Music (GT-AH1) 3
- MUS 125 History of Jazz (GT-AH1) 3
Category II (GT-AH2)
- HUM 115 World Mythology (GT-AH2) 3
- HUM 121 Humanities: Early Civilizations (GT-AH2) 3
- HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
- HUM 123 The Modern World (GT-AH2) 3
- LIT 115 Introduction to Literature (GT-AH2) 3
- LIT 201 World Literature to 1600 (GT-AH2) 3
- LIT 202 World Literature after 1600 (GT-AH2) 3
- LIT 205 Ethnic Literature (GT-AH2) 3
- LIT 211 American Literature to Civil War (GT-AH2) 3
- LIT 212 American Literature after Civil War (GT-AH2) 3
- LIT 221 British Literature to 1770 (GT-AH2) 3
- LIT 222 British Literature since 1770 (GT-AH2) 3
- LIT 225 Introduction to Shakespeare (GT-AH2) 3
- LIT 246 Literature of Women (GT-AH2) 3
- LIT 255 Children’s Literature (GT-AH2) 3
- LIT 259 Survey of African American Literature (GT-AH2) 3

Category III (GT-AH3)
- PHI 111 Introduction to Philosophy (GT-AH3) 3
- PHI 112 Ethics (GT-AH3) 3
- PHI 113 Logic (GT-AH3) 3
- PHI 114 Comparative Religions (GT-AH3) 3
- PHI 205 Business Ethics (GT-AH3) 3
- PHI 214 Philosophy of Religion (GT-AH3) 3
- PHI 218 Environmental Ethics (GT-AH3) 3
- PHI 220 Philosophy of Death and Dying (GT-AH3) 3

Category IV (GT-AH4)
- ASL 221 American Sign Language IV (GT-AH4) 3
- SPA 212 Spanish Language IV (GT-AH4) 3
- SPA 211 Spanish Language III (GT-AH4) 3

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

History
(3 credits – GT-HI1)
Select one course:

Category I (GT-HI1)
- HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1) 3
- HIS 111 The World: Antiquity - 1500 (GT-HI1) 3
- HIS 112 The World: 1500 - Present (GT-HI1) 3

Category II (GT-HI2)
- HIS 121 US History to Reconstruction (GT-HI1) 3
- HIS 122 US History Since Civil War (GT-HI1) 3
- HIS 205 Women in World History (GT-HI1) 3
- HIS 208 American Indian History (GT-HI1) 3
- HIS 215 Women in U.S. History (GT-HI1) 3
- HIS 225 Colorado History (GT-HI1) 3
- HIS 244 History of Latin America (GT-HI1) 3
- HIS 247 20th Century World History (GT-HI1) 3
- HIS 250 African American History (GT-HI1) 3

Social and Behavioral Sciences
(6 credits – GT-SS1)
Take both courses:
- ECO 201 Principles of Macroeconomics (GT-SS1) 3
- ECO 202 Principles of Microeconomics (GT-SS1) 3

Natural and Physical Sciences
(8 Credits – GT-SC1 only)
Select two gtPathways courses:
- ANT 111 Biological Anthropology w/Lab (GT-SC1) 4
- ANT 212 Introduction to Forensic Anthropology with Lab (GT-SC1) 4
- AST 101 Astronomy I with Lab (GT-SC1) 4
- AST 102 Astronomy II with Lab (GT-SC1) 4
- BIO 105 Science of Biology with Lab (GT-SC1) 4
- BIO 111 General College Biology I with Lab (GT-SC1) 5
- BIO 112 General College Biology II with Lab (GT-SC1) 5
- BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
- BIO 204 Microbiology with Lab (GT-SC1) 4
- CHE 101 Introduction to Chemistry I with Lab (GT-SC1) 5
- CHE 111 General College Chemistry I with Lab (GT-SC1) 5
- CHE 112 General College Chemistry II with Lab (GT-SC1) 5
- GEO 111 Physical Geography-Landforms with Lab (GT-SC1) 4
- GEO 112 Physical Geography-Weather and Climate with Lab (GT-SC1) 4
- GEY 111 Physical Geology, with Lab (GT-SC1) 4
- GEY 112 Historical Geology, with Lab (GT-SC1) 4
- GEY 135 Environmental Geology, with Lab (GT-SC1) 4
- PHY 111 Physics: Algebra Based I with Lab (GT-SC1) 5
- PHY 112 Physics: Algebra Based II with Lab (GT-SC1) 5
- PHY 211 Physics: Calculus Based I with Lab (GT-SC1) 5
- PHY 212 Physics: Calculus Based II with Lab (GT-SC1) 5
- SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1) 4
Psychology Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA in Psychology. Human behavior, how the mind works and mental illness are explored. Careers often require a BA degree or higher. Psychology is the study of the mind and of behavior. It studies both individuals and groups of people, and it often involves case studies. Psychologists try to understand how mental functions affect individual and social behavior. They also explore emotion, motivation, personality, and relationships. This program introduces students to Psychology and it includes courses that are common to all four-year institutions in Colorado. The Associate of Arts (AA) degree in Psychology prepares students to complete the second half of a Bachelor of Science (BA) in Psychology at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 34-36 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

English – Select two gtPathways courses:

ENG 121  English Composition I (GT-CO1)  3
AND
ENG 122  English Composition II (GT-CO2)  3

OR

ENG 122  English Composition II (GT-CO2)  3
AND
One gtPathways approved CO3 Course  3

Mathematics
(3 - 4 credits – MA1)

Select one course: MAT 135 Preferred. Credits over 3 will be applied to electives.

MAT 120  Mathematics for Liberal Arts: GT-MA1  4
MAT 121  College Algebra: GT-MA1  4
MAT 122  College Trigonometry: GT-MA1  3
MAT 123  Finite Mathematics: GT-MA1  4
MAT 125  Survey of Calculus: GT-MA1  4
MAT 135  Introduction to Statistics: (GT-MA1)  3
MAT 166  Pre-Calculus: (GT-MA1)  5
MAT 201  Calculus I: GT-MA1  5
MAT 202  Calculus II: GT-MA1  5
MAT 203  Calculus III: GT-MA1  4
MAT 204  Calculus III with Engineering Applications: GT-MA1  5
MAT 261  Differential Equations with Engineering Applications: GT-MA1  4
MAT 265  Differential Equations: GT-MA1  3

Note:

• Colorado Mesa University requires either MAT 120 or MAT 121
• Colorado State University-Pueblo prefers MAT 121
• Fort Lewis College requires MAT 135
• University of Colorado Boulder requires MAT 121 or higher
• University of Colorado Colorado Springs requires MAT 121
• Western State Colorado University requires MAT 121

Arts and Humanities
(9 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 3 gtPathways courses with no more than 2 courses from any 1 category:

Category I (GT-AH1)

ART 110  Art Appreciation (GT-AH1)  3
ART 111  Art History - Ancient to Medieval (GT-AH1)  3
ART 112  Art History – Renaissance to Modern (GT-AH1)  3
ART 207  Art History - 1900 to Present (GT-AH1)  3
COM 130  Communication and Popular Culture (GT-AH1)  3
ENG 221  Creative Writing I (GT-AH1)  3
MUS 120  Music Appreciation (GT-AH1)  3
MUS 121  Music History: Medieval through Classical Period (GT-AH1)  3
MUS 122  Music History Early Romantic Period to the Present (GT-AH1)  3
MUS 123  Survey of World Music (GT-AH1)  3
MUS 125  History of Jazz (GT-AH1)  3
THE 105  Theatre Appreciation (GT-AH1)  3
THE 108  Theater Script Analysis (GT-AH1)  3
THE 211  Development of Theatre Greek-Renaissance (GT-AH1)  3
THE 212  Development of Theatre Restoration to Modern (GT-AH1)  3
THE 215  Playwriting (GT-AH1)  3

Category II (GT-AH2)

HUM 115  World Mythology (GT-AH2)  3
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<td>HIS 205 Women in World History (GT-HI1)</td>
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<td>HIS 225 Colorado History (GT-HI1)</td>
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<td>HIS 244 History of Latin America (GT-HI1)</td>
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<td>HIS 247 20th Century World History (GT-HI1)</td>
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<td>HIS 250 African American History (GT-HI1)</td>
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<td>ANT 111 Introduction to Forensic Anthropology w/Lab (GT-SC1)</td>
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<tr>
<td>AST 101 Astronomy I with Lab (GT-SC1)</td>
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<tr>
<th>Category III (GT-AH3)</th>
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<td>PHI 112 Ethics (GT-AH3)</td>
<td>3</td>
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<td>PHI 113 Logic (GT-AH3)</td>
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<td>PHI 114 Comparative Religions (GT-AH3)</td>
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<td>PHI 205 Business Ethics (GT-AH3)</td>
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<td>PHI 214 Philosophy of Religion (GT-AH3)</td>
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<tr>
<td>PHI 218 Environmental Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 220 Philosophy of Death and Dying (GT-AH3)</td>
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<tr>
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<tbody>
<tr>
<td>HIS 211 World Literature to 1600 (GT-AH2)</td>
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<td>HIS 202 World Literature after 1600 (GT-AH2)</td>
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<td>HIS 205 Ethnic Literature (GT-AH2)</td>
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<tr>
<td>HIS 211 American Literature to Civil War (GT-AH2)</td>
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<td>HIS 212 American Literature after Civil War (GT-AH2)</td>
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<td>HIS 221 British Literature to 1770 (GT-AH2)</td>
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<td>HIS 222 British Literature since 1770 (GT-AH2)</td>
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<tr>
<td>HIS 225 Introduction to Shakespeare (GT-AH2)</td>
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<td>HIS 246 Literature of Women (GT-AH2)</td>
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<tr>
<td>HIS 255 Children’s Literature (GT-AH2)</td>
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<tr>
<td>HIS 259 Survey of African American Literature (GT-AH2)</td>
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<tr>
<th>Social and Behavioral Sciences (6 credits – GT-SS1, GT-SS2, GT-SS3)</th>
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<tbody>
<tr>
<td>ECO 201 Principles of Macroeconomics (GT-SS1)</td>
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<td>ECO 202 Principles of Microeconomics (GT-SS1)</td>
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<td>POS 105 Introduction to Political Science (GT-SS1)</td>
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<td>POS 111 American Government (GT-SS1)</td>
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<td>POS 125 American State and Local Government (GT-SS1)</td>
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<td>POS 205 International Relations (GT-SS1)</td>
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<td>POS 225 Comparative Government (GT-SS1)</td>
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<tr>
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<tr>
<td>HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1)</td>
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<tr>
<td>HIS 111 The World: Antiquity - 1500 (GT-HI1)</td>
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<tr>
<td>HIS 112 The World: 1500 - Present (GT-HI1)</td>
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<tr>
<td>HIS 121 US History to Reconstruction (GT-HI1)</td>
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<td>HIS 122 US History Since Civil War (GT-HI1)</td>
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<td>HIS 205 Women in World History (GT-HI1)</td>
<td>3</td>
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<td>HIS 208 American Indian History (GT-HI1)</td>
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<td>HIS 215 Women in U.S. History (GT-HI1)</td>
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<td>HIS 225 Colorado History (GT-HI1)</td>
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<td>HIS 244 History of Latin America (GT-HI1)</td>
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<td>HIS 247 20th Century World History (GT-HI1)</td>
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<td>HIS 250 African American History (GT-HI1)</td>
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Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

Select one gtPathways course:

<table>
<thead>
<tr>
<th>Natural and Physical Sciences (7-8 Credits – GT-SC1)</th>
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<tr>
<td>ANT 212 Introduction to Forensic Anthropology w/Lab (GT-SC1)</td>
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<tr>
<td>AST 101 Astronomy I with Lab (GT-SC1)</td>
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</table>
Sociology Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA in Sociology. Social factors and human behaviors in society are explored. Careers often require a BA degree or higher. Sociology is the study of human social behavior, including its organization and the way it has developed over time. Sociology is a social science that explores human social groups, social problems, and change. This program introduces students to Sociology and it includes courses that are common to all four-year institutions in Colorado. Career paths for Sociology degree holders include management, human resources, training and development, research, social services, mental health services, adoption, child care, youth services, disability services, child welfare, victims’ rights, labor rights, community organization, and public relations. The Associate of Arts (AA) degree in Sociology prepares students to complete the second half of a Bachelor of Arts (BA) in Sociology at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 35-36 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

Take 2 gtPathways courses:

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<thead>
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<td>English Composition II (GT-CO2)</td>
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OR

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<tr>
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<tbody>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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One gtPathways approved CO3 Course 3 credits

Mathematics

(3 - 4 credits – MA1)

Select one course: MAT 135 Preferred. Credits over 3 will be applied to electives.

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<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
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<td>College Trigonometry: GT-MA1</td>
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<td>Finite Mathematics: GT-MA1</td>
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<td>Survey of Calculus: GT-MA1</td>
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<td>Introduction to Statistics: (GT-MA1)</td>
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<td>MAT 166</td>
<td>Pre-Calculus: (GT-MA1)</td>
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<td>Calculus I: GT-MA1</td>
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<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
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<td>Calculus III with Engineering Applications: GT-MA1</td>
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<td>MAT 261</td>
<td>Differential Equations with Engineering Applications: GT-MA1</td>
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<td>MAT 265</td>
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Note:
- Adams State University prefers MAT 121
- Colorado Mesa University requires either MAT 120 or MAT 121
- University of Colorado Denver requires MAT 121 or MAT 123 or MAT 135
- Western State Colorado University requires MAT 120 or MAT 121

**Arts and Humanities**
(9 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 3 gtPathways courses:

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<td>Art History - Ancient to Medieval (GT-AH1)</td>
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<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
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<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
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<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
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<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
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<td>Music History: Medieval through Classical Period (GT-AH1)</td>
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<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
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<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
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<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
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<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
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<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
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<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
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<td>Playwriting (GT-AH1)</td>
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### Category II (GT-AH2)

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<td>Humanities: Early Civilizations (GT-AH2)</td>
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<td>Humanities: Medieval-Modern (GT-AH2)</td>
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<td>The Modern World (GT-AH2)</td>
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<td>Introduction to Literature (GT-AH2)</td>
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<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
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<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
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<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
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<td>American Literature to Civil War (GT-AH2)</td>
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<td>American Literature after Civil War (GT-AH2)</td>
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<td>British Literature to 1770 (GT-AH2)</td>
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<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
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<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>Literature of Women (GT-AH2)</td>
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<td>Children’s Literature (GT-AH2)</td>
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<td>LIT 259</td>
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### Category III (GT-AH3)

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<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
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<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
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<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
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<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
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<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
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<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
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### Category IV (GT-AH4)

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<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
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<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
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Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

**History**
(3 credits – GT-HI1)

Select one gtPathways course:

### Category I (GT-HI1)

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<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
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<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
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<td>Women in World History (GT-HI1)</td>
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<td>American Indian History (GT-HI1)</td>
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<td>Women in U.S. History (GT-HI1)</td>
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<td>History of Latin America (GT-HI1)</td>
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<td>20th Century World History (GT-HI1)</td>
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<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
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**Social and Behavioral Sciences**
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:

### Category I (GT-SS1)

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<td>Principles of Microeconomics (GT-SS1)</td>
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<td>Introduction to Political Science (GT-SS1)</td>
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<td>American State and Local Government (GT-SS1)</td>
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<td>International Relations (GT-SS1)</td>
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<td>Human Geography (GT-SS2)</td>
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Category III (GT-S3)

Select 2 gtPathways courses:

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Natural and Physical Sciences

(8 Credits – GT-SC1 only)

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Category II (GT-S2)

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Category III (GT-S3)

Select 2 gtPathways courses:

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Additional Required Courses: 18 credits

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<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology I</td>
<td>3</td>
</tr>
<tr>
<td>SOC 102</td>
<td>Introduction to Sociology II</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>Three gtPathways SOC courses in Social</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>and Behavioral Sciences</td>
<td></td>
</tr>
</tbody>
</table>

gtPathways Social and Behavioral Sciences Courses: GT-S3.

Please Note: Additional SOC courses beyond the five courses (15 credit hours) identified above may not count toward the Sociology major at the receiving four-year institution. See explanation in Limitations section at https://highered.colorado.gov/Academics/Transfers/Agreements/STAA_SOCIOLOGY_Final.pdf.

Electives: 6-7 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Spanish Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor’s degree at the community college and transfer to a university to complete a BA in Spanish or Modern Languages. Students explore Spanish language and culture. Careers typically require a bachelor’s degree. Spanish is not just about words and grammar; it is also about new sounds, expressions, and ways of seeing things. It is learning about other cultures. Depending on how long you study and how much you practice, you can reach different levels of Spanish fluency. With an AA degree in Spanish, you should be able to reach an Intermediate-Low to Intermediate-Mid ability according to the American Council on the Teaching of Foreign Languages. This program introduces students to the study of Spanish and it includes courses that are common to all four-year institutions in Colorado. Career paths for foreign language degree holders include the medical, dental, legal, educational, and public service professions. The Associate of Arts (AA) degree in Spanish prepares students to complete the second half of a Bachelor of Arts (BA) in Spanish at a four-year university.

Degree Requirements: 60 credits
General Education Requirements: 34 credits

**English and Communication**
*(6 credits – GT-CO1, GT-CO2, GT-CO3)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
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*OR*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mathematics**
*(3 credits – GT-MA1)*

Select one gtPathways course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
<td>4</td>
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<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 122</td>
<td>College Trigonometry: GT-MA1</td>
<td>3</td>
</tr>
<tr>
<td>MAT 123</td>
<td>Finite Mathematics: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 135</td>
<td>Introduction to Statistics: (GT-MA1)</td>
<td>3</td>
</tr>
<tr>
<td>MAT 166</td>
<td>Pre-Calculus: (GT-MA1)</td>
<td>5</td>
</tr>
<tr>
<td>MAT 201</td>
<td>Calculus I: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 204</td>
<td>Calculus III with Engineering Applications: GT-MA1</td>
<td>5</td>
</tr>
<tr>
<td>MAT 261</td>
<td>Differential Equations with Engineering Applications: GT-MA1</td>
<td>4</td>
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<tr>
<td>MAT 265</td>
<td>Differential Equations: GT-MA1</td>
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**Arts and Humanities**
*(9 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
<td>3</td>
</tr>
<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
<td>3</td>
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</tbody>
</table>

*AND*

**Select 1 gtPathways course from the following:**

**Category I (GT-AH1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
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<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
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<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
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<tr>
<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
<td>3</td>
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</tbody>
</table>

**Category II (GT-AH2)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 246</td>
<td>Literature of Women (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 255</td>
<td>Children's Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
<td>3</td>
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**Category III (GT-AH3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
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<tr>
<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
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</tr>
<tr>
<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
<td>3</td>
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**Category IV (GT-AH4)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASL 221</td>
<td>American Sign Language IV (GT-AH4)</td>
<td>3</td>
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<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
<td>3</td>
</tr>
<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
<td>3</td>
</tr>
</tbody>
</table>

SPA 211, SPA 212: Those students who have a higher proficiency level that is required for SPA 211 or SPA 212 should substitute other Arts & Humanities courses. Heritage speakers may want to substitute SPA 261 and SPA 262, if available.
History
(3 credits – GT-HI1)

Category I (GT-HI1)

HIS 244  History of Latin America (GT-HI1)  3
OR
Another gtPathways non-U.S. History course  3

HIS 101  Western Civilization: Antiquity - 1650 (GT-HI1)  3
HIS 111  The World: Antiquity - 1500 (GT-HI1)  3
HIS 112  The World: 1500 - Present (GT-HI1)  3
HIS 205  Women in World History (GT-HI1)  3
HIS 247  20th Century World History (GT-HI1)  3

History of Latin America OR another gtPathways History: GT-HI1, focusing on the Spanish-speaking world (non-U.S.) or another gtPathways non-U.S. History course.

Social and Behavioral Sciences
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:

Category I (GT-SS1)

ECO 201  Principles of Macroeconomics (GT-SS1)  3
ECO 202  Principles of Microeconomics (GT-SS1)  3
POS 105  Introduction to Political Science (GT-SS1)  3
POS 111  American Government (GT-SS1)  3
POS 125  American State and Local Government (GT-SS1)  3
POS 205  International Relations (GT-SS1)  3
POS 225  Comparative Government (GT-SS1)  3

Category II (GT-SS2)

GEO 105  World Regional Geography (GT-SS2)  3
GEO 106  Human Geography (GT-SS2)  3

Category III (GT-SS3)

ANT 101  Cultural Anthropology (GT-SS3)  3
ANT 107  Introduction to Archaeology (GT-SS3)  3
ANT 215  Native Peoples of North America: GT-SS3  3
ANT 250  Medical Anthropology (GT-SS3)  3
COM 220  Intercultural Communication (GT-SS3)  3
CRJ 110  Introduction to Criminal Justice (GT-SS3)  3
ETH 200  Introduction to Ethnic Studies (GT-SS3)  3
ETH 215  Discrimination and Diversity (GT-SS3)  3
PSY 101  General Psychology I (GT-SS3)  3
PSY 102  General Psychology II (GT-SS3)  3
PSY 205  Psychology of Gender (GT-SS3)  3
PSY 217  Human Sexuality (GT-SS3)  3
PSY 226  Social Psychology (GT-SS3)  3
PSY 235  Human Growth and Development (GT-SS3)  3
PSY 238  Child Development (GT-SS3)  3
PSY 249  Abnormal Psychology (GT-SS3)  3
SOC 101  Introduction to Sociology I (GT-SS3)  3
SOC 102  Introduction to Sociology II (GT-SS3)  3
SOC 205  Sociology of Family Dynamics (GT-SS3)  3
SOC 207  Environmental Sociology (GT-SS3)  3
SOC 215  Contemporary Social Problems (GT-SS3)  3
SOC 218  Sociology of Diversity (GT-SS3)  3
SOC 220  Sociology of Religion (GT-SS3)  3
SOC 231  Sociology of Deviant Behavior (GT-SS3)  3
WST 200  Introduction to Women's Studies (GT-SS3)  3

Natural and Physical Sciences
(7 Credits - GT-SC1 and GT-SC2)

Select 2 gtPathways courses. One of these courses must have the required laboratory (GT-SC1):

Category I (GT-SC1)

ANT 111  Biological Anthropology w/Lab (GT-SC1)  4
ANT 212  Introduction to Forensic Anthropology with Lab (GT-SC1)  4
AST 101  Astronomy I with Lab (GT-SC1)  4
AST 102  Astronomy II with Lab (GT-SC1)  4
BIO 105  Science of Biology with Lab (GT-SC1)  4
BIO 111  General College Biology I with Lab (GT-SC1)  5
BIO 112  General College Biology II with Lab (GT-SC1)  5
BIO 201  Human Anatomy and Physiology I with Lab (GT-SC1)  4
BIO 202  Human Anatomy and Physiology II with Lab(GT-SC1)  4
BIO 204  Microbiology with Lab (GT-SC1)  4
CHE 101  Introduction to Chemistry I with Lab (GT-SC1)  5
CHE 111  General College Chemistry I with Lab (GT-SC1)  5
CHE 112  General College Chemistry II with Lab (GT-SC1)  5
GEO 111  Physical Geography-Landforms with Lab (GT-SC1)  4
GEO 112  Physical Geography-Weather and Climate with Lab (GT-SC1)  4
GEY 111  Physical Geology, with Lab (GT-SC1)  4
GEY 112  Historical Geology, with Lab (GT-SC1)  4
GEY 135  Environmental Geology, with Lab (GT-SC1)  4
PHY 111  Physics: Algebra Based I with Lab (GT-SC1)  5
PHY 112  Physics: Algebra Based II with Lab (GT-SC1)  5
PHY 211  Physics: Calculus Based I with Lab (GT-SC1)  5
PHY 212  Physics: Calculus Based II with Lab (GT-SC1)  5
SCI 155  Integrated Science I - Physics and Chemistry (GT-SC1)  4
SCI 156  Integrated Science II - Earth and Life Science (GT-SC1)  4

One of these courses must have the required laboratory (GT-SC1).

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.
Category II (GT-SC2)
BIO 116 Introduction to Human Disease (GT-SC2) 3

Additional Required Spanish Courses: 13 credits
SPA 111 Spanish Language I 5
SPA 112 Spanish Language II 5
COM 115 Public Speaking 3
OR
COM 125 Interpersonal Communication 3
Please Note: SPA 111 and/or SPA 112 may be waived, based on a student's proficiency level. Students should consult a departmental advisor at the four-year college or university.
COM 115: Recommended.

Electives: 13 credits
Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.
Suggested courses: 200-level Spanish courses; courses outside the Spanish department with content related to the Spanish-speaking world.

Studio Art Transfer Major, A.A.
Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Fine Art or Arts. Students explore studio techniques and historical aspects of art. Careers often require a master's degree. Studio Art teaches students both how to make art and understand how it is made. Students will study drawing, painting, ceramics, and photography in detail. This program introduces students to the study of Studio Art and includes courses that are common to all Colorado four-year institutions. Career paths for Studio Art degree holders include museum and gallery management, building design, media, art restoration, and education. The Associate of Arts (AA) Degree with Designation in Studio Art prepares students to complete the second half of a Bachelor of Arts (BA) or Bachelor of Fine Arts (BFA) in Art or Art History at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 31 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)
English – take 2 gtPathways courses; Communication – select 1 course
ENG 121 English Composition I (GT-CO1) 3
AND
ENG 122 English Composition II (GT-CO2) 3
OR
ENG 122 English Composition II (GT-CO2) 3
AND
One gtPathways approved CO3 Course 3

Mathematics
(3 credits – MA1)
Select one gtPathways course:
MAT 120 is recommended
MAT 120 Mathematics for Liberal Arts: GT-MA1 4
MAT 121 College Algebra: GT-MA1 4
MAT 122 College Trigonometry: GT-MA1 3
MAT 123 Finite Mathematics: GT-MA1 4
MAT 125 Survey of Calculus: GT-MA1 4
MAT 135 Introduction to Statistics: (GT-MA1) 3
MAT 166 Pre-Calculus: (GT-MA1) 5
MAT 201 Calculus I: GT-MA1 5
MAT 202 Calculus II: GT-MA1 5
MAT 203 Calculus III: GT-MA1 4
MAT 261 Differential Equations with Engineering Applications: GT-MA1 4
MAT 265 Differential Equations: GT-MA1 3

Arts and Humanities
(6 credits - GT-AH2, GT-AH3, GT-AH4)
Select 2 gtPathways courses:

Category II (GT-AH2)
HUM 115 World Mythology (GT-AH2) 3
HUM 121 Humanities: Early Civilizations (GT-AH2) 3
HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
HUM 123 The Modern World (GT-AH2) 3
LIT 115 Introduction to Literature (GT-AH2) 3
LIT 201 World Literature to 1600 (GT-AH2) 3
LIT 202 World Literature after 1600 (GT-AH2) 3
LIT 205 Ethnic Literature (GT-AH2) 3
LIT 211 American Literature to Civil War (GT-AH2) 3
LIT 212 American Literature after Civil War (GT-AH2) 3
LIT 221 British Literature to 1770 (GT-AH2) 3
LIT 222 British Literature since 1770 (GT-AH2) 3
LIT 225 Introduction to Shakespeare (GT-AH2) 3
LIT 246 Literature of Women (GT-AH2) 3
LIT 255 Children's Literature (GT-AH2) 3
LIT 259 Survey of African American Literature (GT-AH2) 3

Category III (GT-AH3)
PHI 111 Introduction to Philosophy (GT-AH3) 3
PHI 112 Ethics (GT-AH3) 3
PHI 113 Logic (GT-AH3) 3
PHI 114 Comparative Religions (GT-AH3) 3
PHI 205 Business Ethics (GT-AH3) 3
PHI 214 Philosophy of Religion (GT-AH3) 3
PHI 218 Environmental Ethics (GT-AH3) 3
PHI 220 Philosophy of Death and Dying (GT-AH3) 3
Category IV (GT-AH4)

Category I (GT-HI1)

Category II (GT-HI2)

Category III (GT-HI3)

Social and Behavioral Sciences

Natural and Physical Sciences

Check with your college of transfer intent.
SCI 156  Integrated Science II - Earth and Life Science  (GT-SC1)  4

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Category II (GT-SC2)
BIO 116  Introduction to Human Disease (GT-SC2)  3

Additional Required Courses: 21 credits

ART 111  Art History - Ancient to Medieval (GT-AH1)  3
ART 112  Art History - Renaissance to Modern (GT-AH1)  3
ART 121  Drawing I  3
ART 131  Visual Concepts 2-D Design  3
ART 132  Visual Concepts 3-D Design  3
ART 221  Drawing II  3
OR
ART 128  Figure Drawing I  3

Any STUDIO ART course  3

Please note: If these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

Electives: 8 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Theatre Transfer Major, A.A.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Theater. Students explore both performance and technical aspects of theater. Careers typically require a bachelor's degree. Students interested in continuing their study in Theatre have developed the confidence they needed to move to excellence in the professions they have chosen. An education in theatre provides students with a valuable base from which to launch a careers outside of television, stage and screen, to include advertising, marketing, management, politics, law, social work, and so much more.

Degree Requirements: 60 credits

General Education Requirements: 31 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

English – take 2 gtPathways courses; Communication – select 1 course
ENG 121  English Composition I (GT-CO1)  3
AND
ENG 122  English Composition II (GT-CO2)  3
OR

Mathematics
(3 credits – MA1)

Select one gtPathways course:
MAT 120 is recommended

MAT 120  Mathematics for Liberal Arts: GT-MA1  4
MAT 121  College Algebra: GT-MA1  4
MAT 122  College Trigonometry: GT-MA1  3
MAT 123  Finite Mathematics: GT-MA1  4
MAT 125  Survey of Calculus: GT-MA1  4
MAT 135  Introduction to Statistics: (GT-MA1)  3
MAT 166  Pre-Calculus: (GT-MA1)  5
MAT 201  Calculus I: GT-MA1  5
MAT 202  Calculus II: GT-MA1  5
MAT 203  Calculus III: GT-MA1  4
MAT 261  Differential Equations with Engineering Applications: GT-MA1  4
MAT 265  Differential Equations: GT-MA1  3

Arts and Humanities
6 credits

THE 105  Theatre Appreciation (GT-AH1)  3
THE 211  Development of Theatre Greek-Renaissance (GT-AH1)  3

Please note: Students planning to attend UCBoulder in Theatre should consult UCB Theatre advisors regarding THE 105 - Theatre Appreciation.

History
(3 credits – GT-HI1)

Select one gtPathways course:

Category I (GT-HI1)

HIS 101  Western Civilization: Antiquity - 1650 (GT-HI1)  3
HIS 111  The World: Antiquity - 1500 (GT-HI1)  3
HIS 112  The World: 1500 - Present (GT-HI1)  3
HIS 121  US History to Reconstruction (GT-HI1)  3
HIS 122  US History Since Civil War (GT-HI1)  3
HIS 205  Women in World History (GT-HI1)  3
HIS 208  American Indian History (GT-HI1)  3
HIS 215  Women in U.S. History (GT-HI1)  3
HIS 225  Colorado History (GT-HI1)  3
HIS 244  History of Latin America (GT-HI1)  3
HIS 247  20th Century World History (GT-HI1)  3
HIS 250  African American History (GT-HI1)  3

Social and Behavioral Sciences
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:
Category I (GT-SS1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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</tr>
<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
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<td>POS 111</td>
<td>American Government (GT-SS1)</td>
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<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
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<tr>
<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
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<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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Category II (GT-SS2)

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<th>Title</th>
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<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
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</tr>
<tr>
<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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Category III (GT-SS3)

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
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<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
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<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
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<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
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<td>Introduction to Criminal Justice (GT-SS3)</td>
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<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<tr>
<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
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<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
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<td>PSY 205</td>
<td>Psychology of Gender (GT-SS3)</td>
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<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
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<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
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<td>PSY 249</td>
<td>Abnormal Psychology (GT-SS3)</td>
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<td>Introduction to Sociology I (GT-SS3)</td>
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<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
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<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
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<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
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<td>Sociology of Religion (GT-SS3)</td>
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<td>WST 200</td>
<td>Introduction to Women's Studies (GT-SS3)</td>
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</table>

Natural and Physical Sciences

(7 Credits – GT-SC1, GT-SC2)

Two gtPathways courses - one of which must be a GT-SC1 (course with lab).

Category I (GT-SC1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
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<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
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<tr>
<td>BIO 105</td>
<td>Science of Biology with Lab (GT-SC1)</td>
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<tr>
<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
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<tr>
<td>BIO 112</td>
<td>General College Biology II with Lab (GT-SC1)</td>
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<td>BIO 201</td>
<td>Human Anatomy and Physiology I with Lab (GT-SC1)</td>
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<td>BIO 202</td>
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<td>BIO 204</td>
<td>Microbiology with Lab (GT-SC1)</td>
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<td>Introduction to Chemistry I with Lab (GT-SC1)</td>
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<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
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<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
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<td>GEO 111</td>
<td>Physical Geography-Landforms with Lab (GT-SC1)</td>
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<td>GEO 112</td>
<td>Physical Geography-Weather and Climate with Lab (GT-SC1)</td>
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<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
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<tr>
<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
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<td>GEY 135</td>
<td>Environmental Geology, with Lab (GT-SC1)</td>
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<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
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<tr>
<td>PHY 112</td>
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<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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<tr>
<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
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Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Category II (GT-SC2)

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<thead>
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<td>BIO 116</td>
<td>Introduction to Human Disease (GT-SC2)</td>
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<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 111</td>
<td>Acting I</td>
<td>3</td>
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<tr>
<td>THE 116</td>
<td>Technical Theatre</td>
<td>3</td>
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<tr>
<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 215</td>
<td>Playwriting (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 131</td>
<td>Theatre Production I</td>
<td>3</td>
</tr>
<tr>
<td>THE 132</td>
<td>Theatre Production II</td>
<td>3</td>
</tr>
<tr>
<td>THE 231</td>
<td>Theatre Production III</td>
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</tr>
<tr>
<td>THE 232</td>
<td>Theatre Production IV</td>
<td>3</td>
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Additional Required Courses: 18 credits

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<tr>
<td>THE 131</td>
<td>Theatre Production I</td>
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<tr>
<td>THE 132</td>
<td>Theatre Production II</td>
<td>3</td>
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<tr>
<td>THE 231</td>
<td>Theatre Production III</td>
<td>3</td>
</tr>
<tr>
<td>THE 232</td>
<td>Theatre Production IV</td>
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</tbody>
</table>

Please note: If these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.
Electives: **11 credits**

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Please Note:

- Students interested in attending MSU Denver or CSU-Fort Collins are advised to take COM 115—Public Speaking.
- Students who plan to transfer to UCBoulder or UCCS may not take elective courses with a THE prefix.
- Students who plan to transfer to CSU-Fort Collins are advised to take THE 112, MUS 120 and ART 110 as CCCS elective credits.
ASSOCIATE OF SCIENCE DEGREES (A.S.)

Associate of Science Degree Core

The Associate of Science (AS) degree is a 2-year, 60-credit degree program for students who want to transfer to a four-year college or university to pursue four-year degree in natural science, math, computer science, engineering, or healthcare fields. The AS degree also includes courses in communication, arts & humanities, and social sciences. As a transfer degree, the AS includes Guaranteed Transfer (GT) courses as well as elective classes. Students who want to transfer to a specific four-year degree program, such as Biology, Chemistry, or Physics, should follow the program pathway for that specific AS degree. This is known as ‘choosing a major’. Students who do not choose a specific AS degree pathway will be awarded a general AS degree. The Associate of Science degree is a two-year degree featuring courses from a variety of Science subject areas, as well as English, Arts, Math, and Social Science. Students wishing to transfer to a four-year university should choose an AS degree with a specific concentration, such as Biology, Chemistry, Geology, Mathematics, or Psychology. An AS degree without a concentrated subject area may not transfer to a four-year university program, or it may require that additional courses be taken at the four-year level. Speak to an advisor to declare your program.

Degree Requirements: 60 credits

General Education Core Requirements: 39 credits

English and Communication
(9 credits – GT-CO1, GT-CO2)

ENG 121  English Composition I (GT-CO1)  3
            AND
ENG 122  English Composition II (GT-CO2)  3
            OR
ENG 122  English Composition II (GT-CO2)  3
            AND
ENG 201  Composition III: Writing for Public Discourse (GT-CO3)  3
            AND

COM 115  Public Speaking  3
            OR
COM 125  Interpersonal Communication  3
            OR
COM 220  Intercultural Communication (GT-SS3)  3

Mathematics
(3 credits – GT-MA1)

Credits over 3 will count as electives. Select from the following or any MAT course higher than MAT 201.

MAT 121  College Algebra: GT-MA1  4

MAT 122  College Trigonometry: GT-MA1  3
MAT 166  Pre-Calculus: (GT-MA1)  5
MAT 201  Calculus I: GT-MA1  5
MAT 202  Calculus II: GT-MA1  5
MAT 203  Calculus III: GT-MA1  4
MAT 204  Calculus III with Engineering Applications: GT-MA1  5
MAT 261  Differential Equations with Engineering Applications: GT-MA1  4
MAT 265  Differential Equations: GT-MA1  3

Arts and Humanities
(6 credits – GT-AH1, GT-AH2, GT-AH3, AH4)

Select two guaranteed transfer Arts & Humanities courses from two different areas:

Note: For Arts and Humanities and Social and Behavioral Sciences, select two guaranteed transfer Arts and Humanities courses from two different areas (GT-AH1, GT-AH2, GT-AH3, GT-AH4), and two guaranteed transfer Social and Behavioral Sciences courses from two different areas (GT-SS1, GT-SS2, GT-SS3), and one additional guaranteed transfer course from either Arts and Humanities or Social and Behavioral Sciences (GT-AH1, GT-AH2, GT-AH3, GT-AH4, GT-H1, GT-SS1, GT-SS2, GT-SS3) and one additional guaranteed transfer History course (GT-H1). Total of 18 credit hours for both Arts and Humanities and Social and Behavioral Sciences combined.

Category I (GT-AH1)

ART 110  Art Appreciation (GT-AH1)  3
ART 111  Art History - Ancient to Medieval (GT-AH1)  3
ART 112  Art History – Renaissance to Modern (GT-AH1)  3
ART 207  Art History - 1900 to Present (GT-AH1)  3
COM 130  Communication and Popular Culture (GT-AH1)  3
ENG 221  Creative Writing I (GT-AH1)  3
MUS 120  Music Appreciation (GT-AH1)  3
MUS 121  Music History: Medieval through Classical Period (GT-AH1)  3
MUS 122  Music History Early Romantic Period to the Present (GT-AH1)  3
MUS 123  Survey of World Music (GT-AH1)  3
MUS 125  History of Jazz (GT-AH1)  3
THE 105  Theatre Appreciation (GT-AH1)  3
THE 108  Theater Script Analysis (GT-AH1)  3
THE 211  Development of Theatre Greek-Renaissance (GT-AH1)  3
THE 212  Development of Theatre Restoration to Modern (GT-AH1)  3
THE 215  Playwriting (GT-AH1)  3
### Category II (GT-AH2)

<table>
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<tr>
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<th>Units</th>
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<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
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<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
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<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
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<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
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<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
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<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
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<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
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<tr>
<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>LIT 246</td>
<td>Literature of Women (GT-AH2)</td>
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<td>LIT 255</td>
<td>Children’s Literature (GT-AH2)</td>
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<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
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### Category III (GT-AH3)

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<td>Introduction to Philosophy (GT-AH3)</td>
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<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
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<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
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<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
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<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
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<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
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<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
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<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
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### Category IV (GT-AH4)

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<td>American Sign Language IV (GT-AH4)</td>
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<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
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<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
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Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

### History (3 credits – GT-HI1)

Select 1 guaranteed transfer History course:

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
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<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
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<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
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<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
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<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
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<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
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<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
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<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
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<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
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</table>

### Social and Behavioral Sciences (6 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)

Select 2 guaranteed transfer Social and Behavioral Science courses from two different areas (GT-SS1, GT-SS2, GT-SS3)

**OR**

One guaranteed transfer Social and Behavioral Science course (GT-SS1, GT-SS2, GT-SS3) AND One guaranteed transfer History course (GT-HI1)

### Category I (GT-SS1)

<table>
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<tr>
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<th>Course Title</th>
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<td>Principles of Macroeconomics (GT-SS1)</td>
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<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
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<td>POS 111</td>
<td>American Government (GT-SS1)</td>
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<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
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<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
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<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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### Category II (GT-SS2)

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<td>World Regional Geography (GT-SS2)</td>
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<td>Human Geography (GT-SS2)</td>
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### Category III (GT-SS3)

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<th>Course Title</th>
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<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
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<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
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</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
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<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
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<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
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<td>Psychology of Gender (GT-SS3)</td>
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<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
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<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
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<td>PSY 238</td>
<td>Child Development (GT-SS3)</td>
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<td>SOC 101</td>
<td>Introduction to Sociology I (GT-SS3)</td>
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<tr>
<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
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</tr>
<tr>
<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 207</td>
<td>Environmental Sociology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 218</td>
<td>Sociology of Diversity (GT-SS3)</td>
<td>3</td>
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<tr>
<td>SOC 220</td>
<td>Sociology of Religion (GT-SS3)</td>
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<tr>
<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
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<tr>
<td>WST 200</td>
<td>Introduction to Women’s Studies (GT-SS3)</td>
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### Natural and Physical Sciences (12 credits – GT-SC1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
<td>3</td>
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</tbody>
</table>
One 2-lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional guaranteed transfer lab science course(s) (GT-SC1).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
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<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
<td>5</td>
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<tr>
<td>BIO 112</td>
<td>General College Biology II with Lab (GT-SC1)</td>
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<tr>
<td>BIO 201</td>
<td>Human Anatomy and Physiology I with Lab (GT-SC1)</td>
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<tr>
<td>BIO 202</td>
<td>Human Anatomy and Physiology II with Lab (GT-SC1)</td>
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<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
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<tr>
<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
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<tr>
<td>GEO 111</td>
<td>Physical Geography-Landforms with Lab (GT-SC1)</td>
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<td>GEO 112</td>
<td>Physical Geography-Weather and Climate with Lab (GT-SC1)</td>
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<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
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<tr>
<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
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<tr>
<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
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<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
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<td>PHY 211</td>
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<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
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Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

Electives: 21 credits

Electives may be chosen from any gtPathway course or from the following list of non-gtPathway courses.

Select from the following:

**Academic Achievement Strategies**

Any AAA course 100 or above.

**Accounting**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACC 121</td>
<td>Accounting Principles I</td>
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<tr>
<td>ACC 122</td>
<td>Accounting Principles II</td>
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**Art**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 121</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 128</td>
<td>Figure Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 131</td>
<td>Visual Concepts 2-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 132</td>
<td>Visual Concepts 3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 134</td>
<td>Visual Concepts 4-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 139</td>
<td>Digital Photography I</td>
<td>3</td>
</tr>
<tr>
<td>ART 151</td>
<td>Painting I</td>
<td>3</td>
</tr>
<tr>
<td>ART 161</td>
<td>Ceramics I</td>
<td>3</td>
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<tr>
<td>ART 221</td>
<td>Drawing II</td>
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**Biology**

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<tr>
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<tr>
<td>BIO 106</td>
<td>Basic Anatomy and Physiology</td>
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<tr>
<td>BIO 216</td>
<td>Human Pathophysiology</td>
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**Business**

<table>
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<tr>
<td>BUS 115</td>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>BUS 216</td>
<td>Legal Environment of Business</td>
<td>3</td>
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<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
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<tr>
<td>BUS 226</td>
<td>Business Statistics</td>
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**Chemistry**

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<tr>
<td>CHE 211</td>
<td>Organic Chemistry I with Lab</td>
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<tr>
<td>CHE 212</td>
<td>Organic Chemistry II with Lab</td>
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**Communication**

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<th>Course Title</th>
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<tr>
<td>COM 115</td>
<td>Public Speaking</td>
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<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
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<tr>
<td>COM 262</td>
<td>Communicating With Impossible People</td>
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<tr>
<td>COM 263</td>
<td>Conflict Resolution</td>
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**Computer Information Systems**

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<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>CIS 115</td>
<td>Introduction to Computer Information Systems</td>
<td>3</td>
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<tr>
<td>CIS 118</td>
<td>Introduction to PC Applications</td>
<td>3</td>
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<tr>
<td>CIS 267</td>
<td>Management of Information Systems</td>
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**Computer Networking**

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<tr>
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<tr>
<td>CNG 101</td>
<td>Network Fundamentals</td>
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**Computer Science**

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<tr>
<td>CSC 119</td>
<td>Introduction to Programming</td>
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**American Sign Language**

<table>
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<tr>
<td>ASL 121</td>
<td>American Sign Language I</td>
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<td>ASL 122</td>
<td>American Sign Language II</td>
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<tr>
<td>ASL 123</td>
<td>American Sign Language III</td>
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<tr>
<td>ASL 221</td>
<td>American Sign Language IV (GT-AH4)</td>
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**Engineering**

Any 100 level course or above

**English**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ENG 222</td>
<td>Creative Writing II</td>
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<tr>
<td>ENG 231</td>
<td>Literary Magazine</td>
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**Health Wellness**

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<td>HWE 100</td>
<td>Human Nutrition</td>
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**Management**

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<th>Course Title</th>
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<tr>
<td>MAN 156</td>
<td>Problem Solving-Business Environment</td>
<td>3</td>
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<tr>
<td>MAN 200</td>
<td>Human Resources Management I</td>
<td>3</td>
</tr>
<tr>
<td>MAN 201</td>
<td>Human Resources Management II</td>
<td>3</td>
</tr>
<tr>
<td>MAN 225</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MAN 226</td>
<td>Principles of Management</td>
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</table>
Marketing
MAR 216 Principles of Marketing 3
MAR 240 International Marketing 3

Multimedia Graphic Design
MGD 102 Introduction to Multimedia 3

Music
MUS 106 Intro to Songwriting 3
MUS 107 Entrep/Artistry for Musicians 3
MUS 110 Music Theory I 3

Nursing
NUR 213 Professional Pathway to Nursing 3

Physical Education
Any course 100 or above

Physics
PHY 213 Physics: Calculus Based III Modern Physics 3

Spanish
SPA 111 Spanish Language I 5
SPA 112 Spanish Language II 5
SPA 235 Spanish Reading-Writing 3

Note: These courses will meet the requirements for an A.S. degree granted by CCA. However, transferring requirements vary by receiving institutions. See an advisor for help with choosing electives.

NOTE: This guarantee excludes majors in Education, Business, Engineering, or Nursing, and certain Liberal Arts and Sciences majors.

Biology Transfer Major, A.S.
Program is designed for students transferring to a 4-year school to complete their BS degree in Biology. It allows students to complete the first 2 years of the BS degree at the community college. Students explore physics, chemistry and biology. Careers often require a BS degree or higher. Biology is the study of life and living beings, including their types, growth, structure, evolution, and where and how they live. Modern biology is very broad and it has many smaller areas, including the study of animals, plants, cells, genes, and other life science topics. This program introduces students to Biology and it includes courses that are common to all four-year institutions in Colorado. Career paths for Biology degree holders include pre-medicine, pre-pharmacy, pre-veterinary, physical therapy, dentistry, and many scientific arenas. The Associate of Science (AS) degree in Biology prepares students to complete the second half of a Bachelor of Science (BS) in Biology at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 36 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)
English – take both courses; Communication – select 1 gtPathways course
ENG 121 English Composition I (GT-CO1) 3
AND
ENG 122 English Composition II (GT-CO2) 3

OR

ENG 122 English Composition II (GT-CO2) 3
AND
One gtPathways approved CO3 Course 3

Mathematics
(5 credits – MA1)
MAT 201 Calculus I: GT-MA1 5

Arts and Humanities
(6 Credits-GT-AH1, GT-AH2, GT-AH3, or GT-AH4)
Select 2 gtPathways courses:

Category I (GT-AH1)
ART 110 Art Appreciation (GT-AH1) 3
ART 111 Art History - Ancient to Medieval (GT-AH1) 3
ART 112 Art History – Renaissance to Modern (GT-AH1) 3
ART 207 Art History - 1900 to Present (GT-AH1) 3
COM 130 Communication and Popular Culture (GT-AH1) 3
ENG 221 Creative Writing I (GT-AH1) 3
MUS 120 Music Appreciation (GT-AH1) 3
MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
MUS 123 Survey of World Music (GT-AH1) 3
MUS 125 History of Jazz (GT-AH1) 3
THE 105 Theatre Appreciation (GT-AH1) 3
THE 108 Theater Script Analysis (GT-AH1) 3
THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
THE 215 Playwriting (GT-AH1) 3

Category II (GT-AH2)
HUM 115 World Mythology (GT-AH2) 3
HUM 121 Humanities: Early Civilizations (GT-AH2) 3
HUM 122 Humanities: Medieval-Moder (GT-AH2) 3
HUM 123 The Modern World (GT-AH2) 3
LIT 115 Introduction to Literature (GT-AH2) 3
LIT 201 World Literature to 1600 (GT-AH2) 3
LIT 202 World Literature after 1600 (GT-AH2) 3
LIT 205 Ethnic Literature (GT-AH2) 3
LIT 211 American Literature to Civil War (GT-AH2) 3
LIT 212 American Literature after Civil War (GT-AH2) 3
LIT 221 British Literature to 1770 (GT-AH2) 3
LIT 222 British Literature since 1770 (GT-AH2) 3
LIT 225 Introduction to Shakespeare (GT-AH2) 3
Select two gtPathways courses:

**Category I (GT-AH2)**
- LIT 246 Literature of Women (GT-AH2) 3
- LIT 255 Children’s Literature (GT-AH2) 3
- LIT 259 Survey of African American Literature (GT-AH2) 3

**Category II (GT-SS2)**
- GEO 105 World Regional Geography (GT-SS2) 3
- GEO 106 Human Geography (GT-SS2) 3

**Category III (GT-SS3)**
- ANT 101 Cultural Anthropology (GT-SS3) 3
- ANT 107 Introduction to Archaeology (GT-SS3) 3
- ANT 215 Native Peoples of North America: GT-SS3 3
- ANT 250 Medical Anthropology (GT-SS3) 3
- COM 220 Intercultural Communication (GT-SS3) 3
- CRJ 110 Introduction to Criminal Justice (GT-SS3) 3
- ETH 200 Introduction to Ethnic Studies (GT-SS3) 3
- ETH 215 Discrimination and Diversity (GT-SS3) 3
- PSY 101 General Psychology I (GT-SS3) 3
- PSY 102 General Psychology II (GT-SS3) 3
- PSY 205 Psychology of Gender (GT-SS3) 3
- PSY 217 Human Sexuality (GT-SS3) 3
- PSY 226 Social Psychology (GT-SS3) 3
- PSY 235 Human Growth and Development (GT-SS3) 3
- PSY 238 Child Development (GT-SS3) 3
- PSY 249 Abnormal Psychology (GT-SS3) 3
- SOC 101 Introduction to Sociology I (GT-SS3) 3
- SOC 102 Introduction to Sociology II (GT-SS3) 3
- SOC 205 Sociology of Family Dynamics (GT-SS3) 3
- SOC 207 Environmental Sociology (GT-SS3) 3
- SOC 215 Contemporary Social Problems (GT-SS3) 3
- SOC 218 Sociology of Diversity (GT-SS3) 3
- SOC 220 Sociology of Religion (GT-SS3) 3
- SOC 231 Sociology of Deviant Behavior (GT-SS3) 3
- WST 200 Introduction to Women's Studies (GT-SS3) 3

**Category IV (GT-AH4)**
- ASL 221 American Sign Language IV (GT-AH4) 3
- SPA 211 Spanish Language III (GT-AH4) 3
- SPA 212 Spanish Language IV (GT-AH4) 3

**History**
(3 credits – GT-HI1)
Select one gtPathways History course:

**Category I (GT-HI1)**
- HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1) 3
- HIS 111 The World: Antiquity - 1500 (GT-HI1) 3
- HIS 112 The World: 1500 - Present (GT-HI1) 3
- HIS 121 US History to Reconstruction (GT-HI1) 3
- HIS 122 US History Since Reconstruction (GT-HI1) 3
- HIS 205 Women in World History (GT-HI1) 3
- HIS 208 American Indian History (GT-HI1) 3
- HIS 215 Women in U.S. History (GT-HI1) 3
- HIS 225 Colorado History (GT-HI1) 3
- HIS 244 History of Latin America (GT-HI1) 3
- HIS 247 20th Century World History (GT-HI1) 3
- HIS 250 African American History (GT-HI1) 3

**Social and Behavioral Sciences**
(6 credits – GT-SS1, GT-SS2, GT-SS3)
Select two gtPathways courses:

**Category I (GT-SS1)**
- ECO 201 Principles of Macroeconomics (GT-SS1) 3
- ECO 202 Principles of Microeconomics (GT-SS1) 3
- POS 105 Introduction to Political Science (GT-SS1) 3
- POS 111 American Government (GT-SS1) 3
- POS 125 American State and Local Government (GT-SS1) 3
- POS 205 International Relations (GT-SS1) 3
- POS 225 Comparative Government (GT-SS1) 3

**Natural and Physical Sciences**
(10 credits)

**Category I (GT-SC1)**
- BIO 111 General College Biology I with Lab (GT-SC1) 5
- CHE 111 General College Chemistry I with Lab (GT-SC1) 5

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

**Additional Required Courses: 20 credits**

Students are strongly encouraged to seek academic advising prior to registration regarding the acceptability of online science courses if they anticipate transferring to a 4-year institution or completing graduate work in the sciences or health professions. It should be noted that per Colorado Revised Statute, §23-1-125(1)(e), general education courses taken online are guaranteed to satisfy core course (GT Pathways) requirements at all Colorado public institutions of higher education.

- BIO 112 General College Biology II with Lab (GT-SC1) 5
- CHE 112 General College Chemistry II with Lab (GT-SC1) 5
PHY 111 Physics: Algebra Based I with Lab (GT-SC1) 5
PHY 112 Physics: Algebra Based II with Lab (GT-SC1) 5

Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor’s degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

Electives: 4 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Chemistry Transfer Major, A.S.

Program is designed for students transferring to a 4-year school to complete their BS degree in Chemistry. It allows students to complete the first 2 years of the BS degree at the community college. Students explore calculus, physics and chemistry. Careers often require a BS degree or higher. Chemistry is the study of the properties, structure, and change of matter. Students will explore atoms, chemical bonds and reactions, the way matter interacts, and the forces that give matter its properties. This program introduces students to Chemistry and it includes courses that are common to all four-year institutions in Colorado. Career paths for Chemistry degree holders include research, quality control, drug research, chemical engineering, and national defense. The Associate of Science (AS) degree in Chemistry prepares students to complete the second half of a Bachelor of Science (BS) in Chemistry at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 30 credits

*Please see notes (1-4) below.

English and Communication
(6 credits – GT-CO1, GT-CO2)

English – take both courses; Communication – select 1 gtPathways course

ENG 121 English Composition I (GT-CO1) 3

AND

ENG 122 English Composition II (GT-CO2) 3

OR

ENG 122 English Composition II (GT-CO2) 3

AND

One gtPathways approved CO3 Course 3

Mathematics
(5 credits – MA1)

MAT 201 Calculus I: GT-MA1 5

Arts and Humanities*
(3 Credits-GT-AH1, GT-AH2, GT-AH3, or GT-AH4)

Select 1 course gtPathway course:

Category I (GT-AH1)
ART 110 Art Appreciation (GT-AH1) 3

Category II (GT-AH2)

HUM 115 World Mythology (GT-AH2) 3
HUM 121 Humanities: Early Civilizations (GT-AH2) 3
HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
HUM 123 The Modern World (GT-AH2) 3
LIT 115 Introduction to Literature (GT-AH2) 3
LIT 201 World Literature to 1600 (GT-AH2) 3
LIT 202 World Literature after 1600 (GT-AH2) 3
LIT 205 Ethnic Literature (GT-AH2) 3
LIT 211 American Literature to Civil War (GT-AH2) 3
LIT 212 American Literature after Civil War (GT-AH2) 3
LIT 221 British Literature to 1770 (GT-AH2) 3
LIT 222 British Literature since 1770 (GT-AH2) 3
LIT 225 Introduction to Shakespeare (GT-AH2) 3
LIT 246 Literature of Women (GT-AH2) 3
LIT 255 Children's Literature (GT-AH2) 3
LIT 259 Survey of African American Literature (GT-AH2) 3

Category III (GT-AH3)

PHI 111 Introduction to Philosophy (GT-AH3) 3
PHI 112 Ethics (GT-AH3) 3
PHI 113 Logic (GT-AH3) 3
PHI 114 Comparative Religions (GT-AH3) 3
PHI 205 Business Ethics (GT-AH3) 3
PHI 214 Philosophy of Religion (GT-AH3) 3
PHI 218 Environmental Ethics (GT-AH3) 3
PHI 220 Philosophy of Death and Dying (GT-AH3) 3
### Category IV (GT-AH4)

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<th>Course Title</th>
<th>Credits</th>
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<td>ASL 221</td>
<td>American Sign Language IV (GT-AH4)</td>
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<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
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<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
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</tbody>
</table>

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

### History (3 credits - GT-AHI)

Select 1 History gtPathways course:

#### Category I (GT-HI1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
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<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
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</tr>
<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
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</tr>
<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
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<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
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<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
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<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
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<tr>
<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
<td>3</td>
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</tbody>
</table>

### Social and Behavioral Sciences* (3 credits – GT-SS1, GT-SS2, GT-SS3)

Select 1 gtPathways course:

#### Category I (GT-SS1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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#### Category II (GT-SS2)

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
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<tr>
<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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#### Category III (GT-SS3)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
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<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
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<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<tr>
<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
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<tr>
<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
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<tr>
<td>PSY 205</td>
<td>Psychology of Gender (GT-SS3)</td>
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<tr>
<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
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<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
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<td>PSY 238</td>
<td>Child Development (GT-SS3)</td>
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<td>PSY 249</td>
<td>Abnormal Psychology (GT-SS3)</td>
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<td>SOC 101</td>
<td>Introduction to Sociology I (GT-SS3)</td>
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<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
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<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
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<td>SOC 207</td>
<td>Environmental Sociology (GT-SS3)</td>
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<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
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<td>SOC 218</td>
<td>Sociology of Diversity (GT-SS3)</td>
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<tr>
<td>SOC 220</td>
<td>Sociology of Religion (GT-SS3)</td>
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<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
<td>3</td>
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<tr>
<td>WST 200</td>
<td>Introduction to Women's Studies (GT-SS3)</td>
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### Natural and Physical Sciences (10 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
<td>5</td>
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</tbody>
</table>

Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

### Additional Required Courses: 29 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
<td>5</td>
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<tr>
<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
<td>4</td>
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<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
<td>5</td>
</tr>
<tr>
<td>CHE 211</td>
<td>Organic Chemistry I with Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHE 212</td>
<td>Organic Chemistry II with Lab</td>
<td>5</td>
</tr>
</tbody>
</table>

CHE 211, CHE 212: Lecture and laboratory portions of organic chemistry, must not be taken in an online delivery format.

### Electives: 1 credit

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

Electives may be chosen from any gtPathways course.

Any non-gtPathways courses listed in the AA/AS core degree can also be taken as an elective.

Note 1:

This statewide transfer articulation agreement in Chemistry does not fulfill requirements for the gtPathways general education curriculum or the Associate of Science degree prior to transfer; however, this agreement does guarantee a student, if admitted, junior standing and completion of the baccalaureate degree within an additional 60 semester hours at the receiving institution.

Note 2:
Completion of the receiving institution’s lower division general education requirements is fulfilled only under the condition that one gtPathways-approved course in arts and humanities (AH1, AH2, AH3, or AH4) and one gtPathways-approved course in social and behavioral sciences (SS1, SS2, or SS3) are successfully completed at the receiving institution within the first 30 hours or 12 calendar months.

Note 3:
Students transferring to a 4-yr college/university under this Chemistry agreement are encouraged to ‘reverse’ transfer the one gtPathways course in arts and humanities and the one gtPathways course in social and behavioral sciences (Note #2 above) back to their community college in order to complete the gtPathways general education program and to earn their Associate of Science degree with a Chemistry designation.

Note 4:
Lecture and laboratory portions of organic chemistry, CHE 211 and CHE 212, must not be taken in an online delivery format.

Geology Transfer Major, A.S.

Program is designed for students transferring to a 4-year school to complete their BS degree in Geology or Earth Science. It allows students to complete the first 2 years of the BS degree at the community college. Students explore physics and geography. Careers often require a BS or higher. Geology is the study of the Earth, its rocks, and the ways that they change over time. Geology students explore the movement of the Earth’s crust, the history of life on Earth, and past climates. It is important for mineral and fossil fuel exploration, managing water resources, and solving environmental problems. This program introduces students to Geology and it includes courses that are common to all four-year institutions in Colorado. Career paths for Geology degree holders include resource management, mining, oil and gas exploration, and climate research. The Associate of Science (AS) degree in Geology prepares students to complete the second half of a Bachelor of Science (B.S.) in Biology at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 36 credits

English and Communication
(6 credits – GT-CO1, GT-CO2)

English – take 2 gtPathways courses; Communication – select 1 course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One gtPathways approved CO3 Course</td>
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</table>

Mathematics
(5 credits – MA1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 201</td>
<td>Calculus I - GT-MA1</td>
<td>5</td>
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</tbody>
</table>

Arts and Humanities
(6 credits- GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 2 gtPathways courses:

<table>
<thead>
<tr>
<th>Category II (GT-AH2)</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
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<tr>
<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 212</td>
<td>American Literature after Civil War (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 225</td>
<td>Introduction to Shakespeare (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 246</td>
<td>Literature of Women (GT-AH3)</td>
<td>3</td>
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<tr>
<td>LIT 255</td>
<td>Children's Literature (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Category III (GT-AH3)</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
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<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
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<table>
<thead>
<tr>
<th>Category IV (GT-AH4)</th>
<th>Course</th>
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<tr>
<td>ASP 221</td>
<td>American Sign Language IV (GT-AH4)</td>
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<tr>
<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
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<tr>
<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
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</table>

Many CO 4-year institutions require foreign language for admission. Check with your college of transfer intent.

<table>
<thead>
<tr>
<th>Category I (GT-AH1)</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
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<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
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<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
<td>3</td>
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<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
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<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
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<tr>
<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
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<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
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<tr>
<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
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<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
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<tr>
<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
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</tbody>
</table>
Select 2 courses: (6 credits - GT-SY1, GT-SY2, GT-SY3)

**History**

(3 credits - GT-HY1)

Select one gtPathways course:

**Category I (GT-HY1)**

<table>
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<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HY1)</td>
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<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HY1)</td>
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<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HY1)</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HY1)</td>
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<td>HIS 122</td>
<td>US History Since Civil War (GT-HY1)</td>
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<tr>
<td>HIS 205</td>
<td>Women in World History (GT-HY1)</td>
</tr>
<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HY1)</td>
</tr>
<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HY1)</td>
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<td>HIS 225</td>
<td>Colorado History (GT-HY1)</td>
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<tr>
<td>HIS 244</td>
<td>History of Latin America (GT-HY1)</td>
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<tr>
<td>HIS 247</td>
<td>20th Century World History (GT-HY1)</td>
</tr>
<tr>
<td>HIS 250</td>
<td>African American History (GT-HY1)</td>
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</tbody>
</table>

**Social and Behavioral Sciences**

(6 credits - GT-SY1, GT-SY2, GT-SY3)

Select 2 courses:

**Category I (GT-SY1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SY1)</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SY1)</td>
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<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SY1)</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SY1)</td>
</tr>
<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SY1)</td>
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<tr>
<td>POS 205</td>
<td>International Relations (GT-SY1)</td>
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<td>POS 225</td>
<td>Comparative Government (GT-SY1)</td>
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**Category II (GT-SY2)**

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<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SY2)</td>
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<td>GEO 106</td>
<td>Human Geography (GT-SY2)</td>
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</table>

**Category III (GT-SY3)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SY3)</td>
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<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SY3)</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SY3</td>
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<tr>
<td>ANT 250</td>
<td>Medical Anthropology (GT-SY3)</td>
</tr>
<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SY3)</td>
</tr>
<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SY3)</td>
</tr>
<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SY3)</td>
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</tbody>
</table>

**Natural and Physical Sciences**

(10 Credits - GT-SC1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
</tr>
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<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
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</table>

**Additional Geology Required Courses: 23 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
</tr>
<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
</tr>
<tr>
<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
</tr>
</tbody>
</table>

**Electives: 1 credit**

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

**Electives may be chosen from any gtPathways course.**

Any non-gtPathways courses listed in the AA/AS core degree can also be taken as an elective.

**PLEASE NOTE:** In addition to meeting the requirements listed here, contact the department at the school to which you want to transfer for program-specific information.

**Mathematics Transfer Major, A.S.**

Program is designed for students transferring to a 4-year school to complete their BS or BA degree in Mathematics. It allows students to complete the first 2 years of the BS degree at the community college. Students explore calculus and computer/engineering applications. Mathematics is more than the study of counting and measurement; it is also the study of shapes and motion. Mathematicians look for patterns and use them to design new theories, new models, and even predictions about nature. This program introduces students to Mathematics and it includes courses that are common to all four-year institutions in
Colorado. Career paths in mathematics include finance, engineering, computer science, coding, accounting, statistics, and research. The Associate of Science (A.S.) degree in Mathematics prepares students to complete the second half of a Bachelor of Science (B.S.) or a Bachelor of Arts (B.A.) in Mathematics at a four-year university.

Degree Requirements: 60 credits

General Education Requirements: 39 credits

**English and Communication**
(6 credits – GT-CO1, GT-CO2, CO3)

English – take both courses; Communication – select 1 gtPathways course

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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<td>One gtPathways approved CO3 Course</td>
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**Mathematics**
(5 credits – MA1)

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<th>Description</th>
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<tbody>
<tr>
<td>MAT 201</td>
<td>Calculus I (GT-MA1)</td>
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**Arts and Humanities**
(9 credits-GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select three courses:

**Category I (GT-AH1)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
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<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
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<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
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<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
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<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
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<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
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<td>MUS 120</td>
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<td>Music History: Medieval through Classical Period (GT-AH1)</td>
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<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
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<td>Survey of World Music (GT-AH1)</td>
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<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
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**Category II (GT-AH2)**

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<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
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<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
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<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
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<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
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<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
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<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
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<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
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<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
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<td>LIT 211</td>
<td>American Literature to Civil War (GT-AH2)</td>
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<td>American Literature after Civil War (GT-AH2)</td>
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<td>LIT 221</td>
<td>British Literature to 1770 (GT-AH2)</td>
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<td>LIT 222</td>
<td>British Literature since 1770 (GT-AH2)</td>
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<td>Introduction to Shakespeare (GT-AH2)</td>
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<td>Literature of Women (GT-AH2)</td>
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<td>Children’s Literature (GT-AH2)</td>
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<td>LIT 259</td>
<td>Survey of African American Literature (GT-AH2)</td>
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**Category III (GT-AH3)**

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<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
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<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
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<td>Logic (GT-AH3)</td>
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<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
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<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
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<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
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<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
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<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
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**Category IV (GT-AH4)**

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<td>American Sign Language IV (GT-AH4)</td>
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<td>SPA 211</td>
<td>Spanish Language III (GT-AH4)</td>
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<td>SPA 212</td>
<td>Spanish Language IV (GT-AH4)</td>
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Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution.

**History**
(3 credits – GT-HI1)

Select one gtPathways History course:

**Category I (GT-HI1)**

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<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
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<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
<td>3</td>
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<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
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<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
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<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
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<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
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<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
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<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
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<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
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**Social and Behavioral Sciences**

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 gtPathways courses:

**Category I (GT-SS1)**

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<td>Principles of Macroeconomics (GT-SS1)</td>
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<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
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<td>POS 111</td>
<td>American Government (GT-SS1)</td>
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<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
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<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
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<td>Comparative Government (GT-SS1)</td>
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**Category II (GT-SS2)**

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<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
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<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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**Category III (GT-SS3)**

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<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
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<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
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<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
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<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
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<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
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<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
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<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
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<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
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<td>Psychology of Gender (GT-SS3)</td>
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<td>Human Sexuality (GT-SS3)</td>
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<td>Human Growth and Development (GT-SS3)</td>
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<td>Child Development (GT-SS3)</td>
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<td>Abnormal Psychology (GT-SS3)</td>
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<td>Introduction to Sociology II (GT-SS3)</td>
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<td>Sociology of Family Dynamics (GT-SS3)</td>
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<td>Environmental Sociology (GT-SS3)</td>
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<td>Contemporary Social Problems (GT-SS3)</td>
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<td>Sociology of Diversity (GT-SS3)</td>
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<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
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<td>WST 200</td>
<td>Introduction to Women's Studies (GT-SS3)</td>
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**Natural and Physical Sciences**

(10 Credits – GT-SC1)

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<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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**Additional Required Courses: 16-17 credits**

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<tr>
<td>COM 115</td>
<td>Public Speaking</td>
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<td>COM 125</td>
<td>Interpersonal Communication</td>
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<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
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<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
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<td>MAT 204</td>
<td>Calculus III with Engineering Applications: GT-MA1</td>
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<tr>
<td>CSC 160</td>
<td>Computer Science I: C++</td>
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CSC 160: CSU-Ft Collins requires a different computer science course than the community college course. Students should seek advising at CSU-Ft Collins for information on the appropriate computer science course to take.

**Electives: 4-5 credits**

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

**Physics Transfer Major, A.S.**

Program is designed for students transferring to a 4-year school to complete their BS or BA degree in physics. It allows them to complete the first 2 years of the degree prior to transferring. Students explore advanced applied physics and calculus. The laws of physics govern everything in the universe from the tiniest bit of matter to the largest star. Physics is a prerequisite to any in-depth study of the sciences and technologies and it leads to careers in variety of industries. The physics degree program provides the necessary background for transfer to a four-year school.

**Degree Requirements: 60 credits**

**General Education Requirements: 36 credits**

**English and Communication**

(6 credits – GT-CO1, GT-CO2)

English – take both courses; Communication – select 1 course

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<td>English Composition I (GT-CO1)</td>
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**One gtPathways approved CO3 Course**

**Mathematics**

(5 credits – MA1)

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### Arts and Humanities

(9 credits - GT-AH1, GT-AH2, GT-AH3, or GT-AH4)

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<th>Category III (GT-AH3)</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 111</td>
<td>Introduction to Philosophy (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 112</td>
<td>Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 113</td>
<td>Logic (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 114</td>
<td>Comparative Religions (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 205</td>
<td>Business Ethics (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 214</td>
<td>Philosophy of Religion (GT-AH3)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 218</td>
<td>Environmental Ethics (GT-AH3)</td>
<td>3</td>
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<tr>
<td>PHI 220</td>
<td>Philosophy of Death and Dying (GT-AH3)</td>
<td>3</td>
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</table>

### Social and Behavioral Sciences

(3 credits – GT-SS1, GT-SS2, GT-SS3)

Select 1 course:

<table>
<thead>
<tr>
<th>Category I (GT-SS1)</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
<td>3</td>
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<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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<table>
<thead>
<tr>
<th>Category II (GT-SS2)</th>
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<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
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<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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<thead>
<tr>
<th>Category III (GT-SS3)</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
<td>3</td>
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<tr>
<td>ANT 250</td>
<td>Medical Anthropology (GT-SS3)</td>
<td>3</td>
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<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
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<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
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## Additional Required Courses: 24 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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<td>ETH 215</td>
<td>Discrimination and Diversity (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
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<tr>
<td>PSY 102</td>
<td>General Psychology II (GT-SS3)</td>
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<tr>
<td>PSY 205</td>
<td>Psychology of Gender (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 217</td>
<td>Human Sexuality (GT-SS3)</td>
<td>3</td>
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<tr>
<td>PSY 226</td>
<td>Social Psychology (GT-SS3)</td>
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<td>PSY 235</td>
<td>Human Growth and Development (GT-SS3)</td>
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<td>PSY 238</td>
<td>Child Development (GT-SS3)</td>
<td>3</td>
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<td>PSY 249</td>
<td>Abnormal Psychology (GT-SS3)</td>
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<tr>
<td>SOC 101</td>
<td>Introduction to Sociology I (GT-SS3)</td>
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<tr>
<td>SOC 102</td>
<td>Introduction to Sociology II (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOC 205</td>
<td>Sociology of Family Dynamics (GT-SS3)</td>
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<tr>
<td>SOC 207</td>
<td>Environmental Sociology (GT-SS3)</td>
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<td>SOC 215</td>
<td>Contemporary Social Problems (GT-SS3)</td>
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<td>SOC 218</td>
<td>Sociology of Diversity (GT-SS3)</td>
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<td>SOC 220</td>
<td>Sociology of Religion (GT-SS3)</td>
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<tr>
<td>SOC 231</td>
<td>Sociology of Deviant Behavior (GT-SS3)</td>
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<tr>
<td>WST 200</td>
<td>Introduction to Women's Studies (GT-SS3)</td>
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### Natural and Physical Sciences (10 credits)

#### Category I (GT-SC1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
<td>5</td>
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<tr>
<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the gtPathways science requirement.

### Additional Required Courses: 24 credits

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>PHY 213</td>
<td>Physics: Calculus Based III Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 202</td>
<td>Calculus II: GT-MA1</td>
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<tr>
<td>MAT 203</td>
<td>Calculus III: GT-MA1</td>
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<tr>
<td>MAT 204</td>
<td>Calculus III with Engineering Applications: GT-MA1</td>
<td>5</td>
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<tr>
<td></td>
<td>OR</td>
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<tr>
<td>MAT 265</td>
<td>Differential Equations: GT-MA1</td>
<td>3</td>
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<tr>
<td>MAT 261</td>
<td>Differential Equations with Engineering Applications: GT-MA1</td>
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<tr>
<td>MAT 266</td>
<td>Differential Equations with Linear Algebra</td>
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<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
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### Mathematics (4 credits – GT-MA1)

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<th>Course Title</th>
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<tr>
<td>CSC 160</td>
<td>Computer Science I: C++</td>
<td>4</td>
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<td></td>
<td>OR</td>
<td></td>
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<tr>
<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
<td>5</td>
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</tbody>
</table>

MAT 204, MAT 261, MAT 266: PLEASE BE ADVISED: If you choose to take one of these courses, it will put you over 60 credits. The courses will transfer but the extra credits may not. That is, the receiving institution may still require the completion of 60 credits for the major.

CHE 112: Students planning to transfer to University of Colorado Boulder must take CHE 112 (not CSC 160) to fulfill this requirement.

CSC 160: Students planning to transfer to University of Northern Colorado must take CSC 160 (not CHE 112) to fulfill this requirement.

CSC 160, CHE 112: Students planning to transfer to Fort Lewis College or University of Colorado Colorado Springs must take both.

Please note: if these credits are not required for the major at a receiving institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

### Psychology Transfer Major, A.S.

Program is designed for students wanting to complete the first 2 years of a bachelor's degree at the community college and transfer to a university to complete a BA in Psychology. Human behavior, how the mind works and mental illness are explored. Careers often require a BA degree or higher. Psychology is the study of the mind and of behavior. It studies both individuals and groups of people, and it often involves case studies. Psychologists try to understand how mental functions affect individual and social behavior. They also explore emotion, motivation, personality, and relationships. This program introduces students to Psychology and it includes courses that are common to all four-year institutions in Colorado. The Associate of Science (AS) degree in Psychology prepares students to complete the second half of a Bachelor of Science (BS) in Psychology at a four-year university. Bachelor of Science degrees in Psychology have added skills in math, sciences, and research. Career paths for Psychology BS degree holders include working with medical doctors, psychologists, brain researchers, and biologists.

### Degree Requirements: 60 credits

### General Education Requirements: 38 credits

### English and Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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</table>

### Mathematics (4 credits – GT-MA1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>One gtPathways approved CO3 Course</td>
<td>3</td>
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</table>
**Arts and Humanities**

Choose one of the following two courses, and select six additional credits from at least two different categories in Arts and Humanities for a total of 9 credits.

**Category I (GT-AH1)**
- ART 110 Art Appreciation (GT-AH1) 3
- ART 111 Art History - Ancient to Medieval (GT-AH1) 3
- ART 112 Art History – Renaissance to Modern (GT-AH1) 3
- ART 207 Art History - 1900 to Present (GT-AH1) 3
- COM 130 Communication and Popular Culture (GT-AH1) 3
- ENG 221 Creative Writing I (GT-AH1) 3
- MUS 120 Music Appreciation (GT-AH1) 3
- MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
- MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
- MUS 123 Survey of World Music (GT-AH1) 3
- MUS 125 History of Jazz (GT-AH1) 3
- THE 105 Theatre Appreciation (GT-AH1) 3
- THE 108 Theater Script Analysis (GT-AH1) 3
- THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
- THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
- THE 215 Playwriting (GT-AH1) 3

**Category II (GT-AH2)**
- HUM 115 World Mythology (GT-AH2) 3
- HUM 121 Humanities: Early Civilizations (GT-AH2) 3
- HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
- HUM 123 The Modern World (GT-AH2) 3
- LIT 115 Introduction to Literature (GT-AH2) 3
- LIT 201 World Literature to 1600 (GT-AH2) 3
- LIT 202 World Literature after 1600 (GT-AH2) 3
- LIT 205 Ethnic Literature (GT-AH2) 3
- LIT 211 American Literature to Civil War (GT-AH2) 3
- LIT 212 American Literature after Civil War (GT-AH2) 3
- LIT 221 British Literature to 1770 (GT-AH2) 3

**Category III (GT-AH3)**
- PHI 111 Introduction to Philosophy (GT-AH3) 3
- PHI 112 Ethics (GT-AH3) 3
- PHI 113 Logic (GT-AH3) 3
- PHI 114 Comparative Religions (GT-AH3) 3
- PHI 205 Business Ethics (GT-AH3) 3
- PHI 214 Philosophy of Religion (GT-AH3) 3
- PHI 218 Environmental Ethics (GT-AH3) 3
- PHI 220 Philosophy of Death and Dying (GT-AH3) 3

**Category IV (GT-AH4)**
- ASL 221 American Sign Language IV (GT-AH4) 3
- SPA 212 Spanish Language IV (GT-AH4) 3
- SPA 211 Spanish Language III (GT-AH4) 3

- Many CO 4-year institutions require foreign language for admission. Check with your college of transfer institution

**History (3 credits – GT-HI1)**

Select one gtPathways History course:

**Category I (GT-HI1)**
- HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1) 3
- HIS 111 The World: Antiquity - 1500 (GT-HI1) 3
- HIS 112 The World: 1500 - Present (GT-HI1) 3
- HIS 121 US History to Reconstruction (GT-HI1) 3
- HIS 122 US History Since Civil War (GT-HI1) 3
- HIS 205 Women in World History (GT-HI1) 3
- HIS 208 American Indian History (GT-HI1) 3
- HIS 215 Women in U.S. History (GT-HI1) 3
- HIS 225 Colorado History (GT-HI1) 3
- HIS 244 History of Latin America (GT-HI1) 3
- HIS 247 20th Century World History (GT-HI1) 3
- HIS 250 African American History (GT-HI1) 3

**Social and Behavioral Sciences (6 credits – GT-SS1, GT-SS2, GT-SS3)**

Select 2 courses:

**Category I (GT-SS1)**
- ECO 201 Principles of Macroeconomics (GT-SS1) 3
- ECO 202 Principles of Microeconomics (GT-SS1) 3
- POS 105 Introduction to Political Science (GT-SS1) 3
- POS 111 American Government (GT-SS1) 3
- POS 125 American State and Local Government (GT-SS1) 3
### Category II (GT-SS1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>POS 205</td>
<td>International Relations</td>
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<tr>
<td>POS 225</td>
<td>Comparative Government</td>
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### Natural and Physical Sciences

(10 Credits – GT-SC1)

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<th>Title</th>
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<tr>
<td>BIO 111</td>
<td>General College Biology I with Lab</td>
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</tr>
<tr>
<td>CHE 111</td>
<td>General College Chemistry I with Lab</td>
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</table>

Students planning to transfer to University of Colorado Denver should complete both two-semester sequences of BIO 111 and BIO 112 and CHE 111 and CHE 112 at CCA.

### Additional Psychology Required Courses: 9 credits

<table>
<thead>
<tr>
<th>Course</th>
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<td>PSY 101</td>
<td>General Psychology I</td>
<td>3</td>
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<td>PSY 102</td>
<td>General Psychology II</td>
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<tr>
<td>COM 115</td>
<td>Public Speaking</td>
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<tr>
<td>OR</td>
<td>Interpersonal Communication</td>
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<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
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</table>

Electives: 13 credits

Electives may be chosen from any gtPathways course or any non-gtPathways courses listed in the AA/AS degree core electives list.

NOTE: Electives are restricted to non-Psychology courses for students planning to transfer to University of Colorado Denver.
**ASSOCIATE OF GENERAL STUDIES DEGREE (A.G.S.)**

### Generalist, A.G.S.
This degree is designed to meet individual career and personal goals and allows students the flexibility of taking a broad range of courses without the constraints of specialization. It is not designed for transfer to four-year institutions; however, courses may be transferable on a course-by-course basis, depending on the transfer institution.

**Degree Requirements: 60 credits**

**General Education Core Requirements: 15 credits**

**English and Communication**
(3 credits – GT-CO1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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**Mathematics**
(3 credits – GT-MA1)

<table>
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<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
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</table>

MAT 120 or higher level Math.

**Natural and Physical Sciences**
(3 credits – GT-SC1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
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<tr>
<td>PHY 211</td>
<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<td>PHY 212</td>
<td>Physics: Calculus Based II with Lab (GT-SC1)</td>
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<td>SCI 155</td>
<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
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**Social and Behavioral Sciences**
(3 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)

Select 1 course:

**Category I (GT-HI1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
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<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
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</tr>
<tr>
<td>HIS 112</td>
<td>The World: 1500 - Present (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 121</td>
<td>US History to Reconstruction (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 122</td>
<td>US History Since Civil War (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 205</td>
<td>Women in World History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 208</td>
<td>American Indian History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 215</td>
<td>Women in U.S. History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 225</td>
<td>Colorado History (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 244</td>
<td>History of Latin America (GT-HI1)</td>
<td>3</td>
</tr>
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<td>HIS 247</td>
<td>20th Century World History (GT-HI1)</td>
<td>3</td>
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<td>HIS 250</td>
<td>African American History (GT-HI1)</td>
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**Category II (GT-SS1)**

<table>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 105</td>
<td>Introduction to Political Science (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 111</td>
<td>American Government (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>POS 125</td>
<td>American State and Local Government (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 205</td>
<td>International Relations (GT-SS1)</td>
<td>3</td>
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<tr>
<td>POS 225</td>
<td>Comparative Government (GT-SS1)</td>
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**Category III (GT-SS2)**

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<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
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<td>GEO 106</td>
<td>Human Geography (GT-SS2)</td>
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**Category IV (GT-SS3)**

<table>
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<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANT 101</td>
<td>Cultural Anthropology (GT-SS3)</td>
<td>3</td>
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<td>ANT 107</td>
<td>Introduction to Archaeology (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 215</td>
<td>Native Peoples of North America: GT-SS3</td>
<td>3</td>
</tr>
<tr>
<td>COM 220</td>
<td>Intercultural Communication (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT-SS3)</td>
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### Arts and Humanities

(3 credits – GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 1 course:

#### Category I (GT-AH1)

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#### Category III (GT-AH3)

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#### Category IV (GT-AH4)

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Many 4-year institutions require foreign language for admission. Check with your college of transfer intent.

### General Education Electives: 15 credits

Select from the gtPathway courses and any Communication classes listed above that have not been taken to meet requirements.

Courses must be numbered 100 or higher.

Courses may only apply once toward degree requirements.

### Electives: 30 Credits

See a CCA advisor and transfer guide to assist in selecting appropriate electives/courses for your objective. Electives must be numbered 100 or above, unless specifically noted below. Courses may only apply once toward degree requirements. Up to 30 credits from a completed Pickens Tech Certificate are eligible.
**Associate of Applied Science Degree (A.A.S.)**

**Applied Technology, A.A.S.**

The AAS degree in Applied Technology requires the completion of at least 60 semester hours. Credits from area vocational schools that apply to the degree vary in number according to the certificate program offered by the area vocational school. A maximum of 45 certificate credits from a CCCS-approved CTE program may be applied toward the Applied Technology degree. Students must complete at least 15 credit hours at CCA from the approved General Education course list. Students whose certificate program taken at the area vocational school that requires fewer than 45 hours need to complete additional courses at CCA to meet the 60 credits required for the degree and should consult their Pathways Advisor for more information.

**Degree Requirements: 60 credits**

**General Education Requirements: 15 credits**

**English and Communication** (6 credits)

ENG 121 English Composition I (GT-CO1) 3  
OR  
ENG 131 Technical Writing I (GT-CO1) 3  
AND  
COM 115 Public Speaking 3  
ENG 131: or higher

**Mathematics** (3 credits)

MAT 107 Career Mathematics 3  
MAT 107: or higher

**Social and Behavioral Sciences** (3 credits)

Select 1 course from:

- ANT 3  
- ECO 3  
- ETH 3  
- GEO 3  
- HIS 3  
- POS 3  
- SOC 3  
- WST 3

**Natural and Physical Sciences** (3 credits)

Select 1 course from:

- AST 3  
- BIO 3  
- CHE 3  
- GEY 3

**Electives: 45 credit**

Total Area Vocational School Credits, up to 45: If credits transferred in equal less than 45, students must take enough credits to equal 60. Students whose certificate program taken at the area vocational school requires 30 or fewer hours needed to complete a minimum of twelve hours in a single technology-based discipline, such as CIS, MGD or FVM. Specific courses must be selected in consultation with a CCA Department Chair.

**Computer Information Systems, A.A.S.**

This degree program prepares student for solving strategic business problems by designing computer-based information systems. Workers in computer information systems assist in planning, coordinating, and facilitating the computer-related activities of businesses. They help determine both technical and business goals in consultation with top management and make detailed plans for the accomplishment of these goals. This requires a strong understanding of both technology and business practices.

**Degree Requirements: 60 credits**

**General Education Requirements: 16 credits**

**English and Communication** (9 credits)

ENG 121 English Composition I (GT-CO1) 3  
ENG 122 English Composition II (GT-CO2) 3  
COM 115 Public Speaking 3  
OR  
COM 125 Interpersonal Communication 3

**Mathematics** (4 credits)

MAT 120 Mathematics for Liberal Arts: GT-MA1 4  
OR  
MAT 121 College Algebra: GT-MA1 4

**Social Sciences** (3 credits)

- ECO 201 Principles of Macroeconomics (GT-SS1) 3

**Required Core Courses: 11 credits**

- CIS 115 Introduction to Computer Information Systems 3  
- CIS 128 Intro to Operating Systems 3  
- CIS 202 Automated Project Management: MS Project 3  
- CIS 203 Technology for Career Success 2
Required Courses for AAS in Computer Information Systems: 27 credits

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<td>CIS 118</td>
<td>Introduction to PC Applications</td>
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<td>CIS 145</td>
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<td>CIS 243</td>
<td>Introduction to SQL</td>
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<td>CIS 267</td>
<td>Management of Information Systems</td>
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<td>CIS 268</td>
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<td>CNG 101</td>
<td>Network Fundamentals</td>
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<td>CSC 119</td>
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Electives: 6 credits

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<td>BUS 226</td>
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<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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Computer Science, A.A.S.

Degree program prepares students with the necessary foundational coursework to pursue a Bachelor of Science degree in Computer Science. Students will complete their basic mathematics, science, and computer science coursework required to enter into most 4-year computer science degree programs.

Degree Requirements: 62 credits

General Education: 16 Credits

**English**

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**Mathematics**

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**Arts and Humanities OR History**

(3 Credits GT-AH1, GT-AH2, GT-AH3, GT-AH4, OR GT-HI1)

Select one course:

**Category I (GT-AH1)**

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**Category II (GT-AH2)**

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**Category I (GT-HI1)**

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 101</td>
<td>Western Civilization: Antiquity - 1650 (GT-HI1)</td>
<td>3</td>
</tr>
<tr>
<td>HIS 111</td>
<td>The World: Antiquity - 1500 (GT-HI1)</td>
<td>3</td>
</tr>
</tbody>
</table>
HIS 112  The World: 1500 - Present (GT-HI1)  3
HIS 121  US History to Reconstruction (GT-HI1)  3
HIS 122  US History Since Civil War (GT-HI1)  3
HIS 205  Women in World History (GT-HI1)  3
HIS 208  American Indian History (GT-HI1)  3
HIS 215  Women in U.S. History (GT-HI1)  3
HIS 225  Colorado History (GT-HI1)  3
HIS 244  History of Latin America (GT-HI1)  3
HIS 247  20th Century World History (GT-HI1)  3
HIS 250  African American History (GT-HI1)  3

Social and Behavioral Sciences
(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select two guaranteed transfer courses from any category:

**Category I (GT-SS1)**
- ECO 201  Principles of Macroeconomics (GT-SS1)  3
- ECO 202  Principles of Microeconomics (GT-SS1)  3
- POS 105  Introduction to Political Science (GT-SS1)  3
- POS 111  American Government (GT-SS1)  3
- POS 125  American State and Local Government (GT-SS1)  3
- POS 205  International Relations (GT-SS1)  3
- POS 225  Comparative Government (GT-SS1)  3

**Category II (GT-SS2)**
- GEO 105  World Regional Geography (GT-SS2)  3
- GEO 106  Human Geography (GT-SS2)  3

**Category III (GT-SS3)**
- ANT 101  Cultural Anthropology (GT-SS3)  3
- ANT 107  Introduction to Archaeology (GT-SS3)  3
- ANT 215  Native Peoples of North America: GT-SS3  3
- ANT 250  Medical Anthropology (GT-SS3)  3
- COM 220  Intercultural Communication (GT-SS3)  3
- CRJ 110  Introduction to Criminal Justice (GT-SS3)  3
- ETH 200  Introduction to Ethnic Studies (GT-SS3)  3
- ETH 215  Discrimination and Diversity (GT-SS3)  3
- PSY 101  General Psychology I (GT-SS3)  3
- PSY 102  General Psychology II (GT-SS3)  3
- PSY 205  Psychology of Gender (GT-SS3)  3
- PSY 217  Human Sexuality (GT-SS3)  3
- PSY 226  Social Psychology (GT-SS3)  3
- PSY 235  Human Growth and Development (GT-SS3)  3
- PSY 238  Child Development (GT-SS3)  3
- PSY 249  Abnormal Psychology (GT-SS3)  3
- SOC 101  Introduction to Sociology I (GT-SS3)  3
- SOC 102  Introduction to Sociology II (GT-SS3)  3
- SOC 205  Sociology of Family Dynamics (GT-SS3)  3
- SOC 207  Environmental Sociology (GT-SS3)  3
- SOC 215  Contemporary Social Problems (GT-SS3)  3

**Natural and Physical Sciences**
(15 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 111</td>
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<tr>
<td>PHY 211</td>
<td>5</td>
</tr>
<tr>
<td>PHY 212</td>
<td>5</td>
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</tbody>
</table>

**Required Courses for Computer Science: 11 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CSC 119</td>
<td>3</td>
</tr>
<tr>
<td>CSC 160</td>
<td>4</td>
</tr>
<tr>
<td>CSC 161</td>
<td>4</td>
</tr>
</tbody>
</table>

**Electives: 11 credits**

Choose two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 165</td>
<td>4</td>
</tr>
<tr>
<td>CSC 225</td>
<td>4</td>
</tr>
<tr>
<td>CSC 236</td>
<td>4</td>
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<tr>
<td>CSC 237</td>
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</tbody>
</table>

AND

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 255</td>
<td>3</td>
</tr>
<tr>
<td>CIS 128</td>
<td>3</td>
</tr>
</tbody>
</table>

**Criminal Justice, A.A.S.**

The AAS/CRJ degree program prepares the student for a career in Law Enforcement, Corrections, Homeland Security, and for some private security career paths. Depending on the student's background and related work experience, this degree will require the student to be able to qualify for admission to the CCA CO P.O.S.T.-approved Basic Law Enforcement Training Academy, and meet CO P.O.S.T. and statutory law enforcement-specific background, legal, and fitness qualifications, to complete some of the specific degree core requirements. The program places a strong emphasis on reading, writing, and verbal comprehension skills; moral and ethical judgement; and empathetic awareness and demonstration of cultural diversity. Students are advised to consult with the academy and program Director/Chair before enrolling in the degree if they are not sure they meet the law enforcement training academy qualifications.

**Degree Requirements: 61 credits**

**General Education Requirements: 16 credits**

**English and Communication**
(6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>3</td>
</tr>
</tbody>
</table>
Arts and Humanities
(3 credits)
PHI 112 Ethics (GT-AH3) 3

Social and Behavioral Sciences
(3 credits)
SOC 101 Introduction to Sociology I (GT-SS3) 3
OR
PSY 101 General Psychology I (GT-SS3) 3

Natural and Physical Sciences
(4 credits)
ANT 212 Introduction to Forensic Anthropology with Lab (GT-SC1) 4

Criminal Justice Requirements: 45 credits

Students must complete the following courses:
CRJ 110 Introduction to Criminal Justice (GT-SS3) 3
CRJ 127 Crime Scene Investigation 3
LEA 101 Basic Police Academy I 6
LEA 102 Basic Police Academy II 12
LEA 105 Basic Law 8
LEA 106 Arrest Control Techniques 3
LEA 107 Law Enforcement Driving 3
LEA 108 Firearms 3
EMS 115 Emergency Medical Responder 3
PED 112 Fitness Center Activity III 1

Cyber Security, A.A.S.
Degree provides students with real-world skills in the areas of computer networking, cyber security, and information technology. The degree provides students with knowledge of cyber security threats and techniques on how to mitigate security risks. It also includes strategies and tactics for implementing network security, access control, risk management, governance, and compliance. Students will receive hands-on experience with Windows and Linux operating systems as well as virtualization and cloud computing. Students will obtain the knowledge and skills needed in order to test for the CompTIA Network+, Security+, Cloud+, and Linux+ certifications.

Degree Requirements: 60 credits

General Education Requirements: 16 credits

English and Communication
(9 credits)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3
BUS 217 Business Communication and Report Writing 3

Mathematics
(4 credits)
MAT 121 College Algebra: GT-MA1 4

Business
(3 credits)
BUS 115 Introduction to Business 3

Required Courses for Cyber Security: 38 credits

CIS 118 Introduction to PC Applications 3
CIS 128 Intro to Operating Systems 3
CIS 203 Technology for Career Success 2
CIS 223 Linux 3
CIS 268 Systems Analysis and Design I 3
CNG 101 Network Fundamentals 3
CNG 124 Networking: Network+ 3
CNG 131 Principles of Information Assurance 3
CNG 132 Network Security Fundamentals 3
CNG 142 Intro to Cloud Computing 3
CNG 211 Windows Configuration 3
CNG 256 Vulnerability Assessment I 3
CNG 257 Network Defense and Counter Measures 3

Electives: 6 credits

CIS 202 Automated Project Management: MS Project 3
CIS 267 Management of Information Systems 3
CIS 280 Internship 3
CSC 119 Introduction to Programming 3

Diesel Power Mechanics, A.A.S.
The Diesel Power Mechanics program trains entry-level diesel technicians for any industry where the power is supplied by diesel engines. This can include over-the-road Truck & Trailer, Earth Moving/Construction Equipment, Agriculture Farm Equipment, Power Generation Equipment, Automobiles/Light Truck and Heavy Rail Locomotive.

Service Technicians are equipment experts responsible for diagnosing problems, finding solutions, and performing the necessary service or repairs on diesel-powered equipment. They use cutting-edge diagnostic maintenance systems, advanced technologies, and high-tech tools to service machines and engines in a variety of diesel power industries. The Community College of Aurora gives their students a basic industry-standard education that makes transition much easier into higher learning institutions such as an OEM factory or product-specific training. Students interested should contact the Department chair at 303-340-7207.

The CCA Diesel Power Mechanics AAS Degree has been condensed into a very fast-paced twelve-month program. The associate’s degree program is designed for the entry-level students that have not completed the general education requirements and wish to enter and work towards the AAS degree. Proficiency in college-level mathematics, reading and sentence skills is mandatory to enter the degree program.

The program consists of two cohorts and has the capacity of between 40–50 students. CCA partners with the Wagner Equipment Apprenticeship Program as well as the Colorado Equipment Dealer’s Association and Titan Machinery.
Students are expected to pass all courses required for the degree (general education and core program) with a grade of C or higher. Furthermore, non-sponsored students must maintain a minimum GPA of 2.0 and sponsored students are expected to maintain a GPA of 2.5. If a student earns a grade of D, F, or W, the student may be terminated from the Diesel program.

**Degree Requirements: 60 credits**

**General Education Requirements: 15 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 131</td>
<td>Technical Writing I (GT-CO1)</td>
<td>3</td>
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<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Career Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CIS 118</td>
<td>Introduction to PC Applications</td>
<td>3</td>
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</tbody>
</table>

Subtotal: 15

**Degree Requirements: 45 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DPM 100</td>
<td>Introduction to Diesel Mechanics</td>
<td>2</td>
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<tr>
<td>DPM 101</td>
<td>Diesel Shop Orientation</td>
<td>2</td>
</tr>
<tr>
<td>DPM 103</td>
<td>Diesel Engines I</td>
<td>4</td>
</tr>
<tr>
<td>DPM 105</td>
<td>Heavy Duty Powertrains I</td>
<td>3</td>
</tr>
<tr>
<td>DPM 192</td>
<td>Hydraulic Systems I</td>
<td>1</td>
</tr>
<tr>
<td>DPM 122</td>
<td>Hydraulic Systems II</td>
<td>3</td>
</tr>
<tr>
<td>DPM 140</td>
<td>Heavy Duty Steering &amp; Suspension I</td>
<td>3</td>
</tr>
<tr>
<td>DPM 191</td>
<td>Diesel Fuel Systems</td>
<td>2</td>
</tr>
<tr>
<td>DPM 203</td>
<td>Diesel Engines II</td>
<td>4</td>
</tr>
<tr>
<td>DPM 205</td>
<td>Heavy Duty Powertrains II</td>
<td>3</td>
</tr>
<tr>
<td>DPM 206</td>
<td>Heavy Duty Brakes I</td>
<td>3</td>
</tr>
<tr>
<td>DPM 207</td>
<td>Heavy Duty Brakes II</td>
<td>3</td>
</tr>
<tr>
<td>DPM 210</td>
<td>Diesel Air Induction &amp; Exhaust</td>
<td>2</td>
</tr>
<tr>
<td>ASE 120</td>
<td>Basic Auto Electricity</td>
<td>2</td>
</tr>
<tr>
<td>ASE 123</td>
<td>Starting &amp; Charging Systems</td>
<td>2</td>
</tr>
<tr>
<td>ASE 291</td>
<td>Auto/Diesel Body Electrical</td>
<td>3</td>
</tr>
<tr>
<td>ASE 295</td>
<td>HVAC Systems</td>
<td>3</td>
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</tbody>
</table>

Subtotal: 45

**Early Childhood Education, A.A.S.**

The Early Childhood Education program is designed to meet the vocational needs of people seeking employment or who are already employed in the early childhood field. Colorado Department of Human Services, Division of Child Care, licensing requirements can be met upon completion of selected courses. The program emphasis is on children ages 8 and under.

*Please note if ECE 112 and ECE 256 are selected as the electives for this degree, the student will have the requirements for an Infant/Toddler Supervisor Certificate pending verifiable work experience hours.

**Degree Requirements: 61 credits**

**General Education Requirements: 25 credits**

**English** (6 credits)

**Mathematics** (3 credits)

Select one course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 155</td>
<td>Integrated Math I (GT-MA1)</td>
<td>3</td>
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</table>

Credits: See an advisor for transfer requirements.

**Social and Behavioral Sciences** (3 credits)

Select 1 of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEO 105</td>
<td>World Regional Geography (GT-SS2)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology I (GT-SS3)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Arts and Humanities** (3 Credits—GT-AH1, GT-AH2, GT-AH3, or GT-AH4)

Select one course from any Art or Humanities GT course: (ART 110, MUS 120, THE 105, or LIT 255 are the recommended courses)

**Category I (GT-AH1)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 110</td>
<td>Art Appreciation (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 111</td>
<td>Art History - Ancient to Medieval (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 112</td>
<td>Art History – Renaissance to Modern (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ART 207</td>
<td>Art History - 1900 to Present (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>Communication and Popular Culture (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 221</td>
<td>Creative Writing I (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Appreciation (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 121</td>
<td>Music History: Medieval through Classical Period (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 122</td>
<td>Music History Early Romantic Period to the Present (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 123</td>
<td>Survey of World Music (GT-AH1)</td>
<td>3</td>
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<tr>
<td>MUS 125</td>
<td>History of Jazz (GT-AH1)</td>
<td>3</td>
</tr>
<tr>
<td>THE 105</td>
<td>Theatre Appreciation (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 108</td>
<td>Theater Script Analysis (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 211</td>
<td>Development of Theatre Greek-Renaissance (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 212</td>
<td>Development of Theatre Restoration to Modern (GT-AH1)</td>
<td>3</td>
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<tr>
<td>THE 215</td>
<td>Playwriting (GT-AH1)</td>
<td>3</td>
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**Category II (GT-AH2)**

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<tr>
<td>HUM 115</td>
<td>World Mythology (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 121</td>
<td>Humanities: Early Civilizations (GT-AH2)</td>
<td>3</td>
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<tr>
<td>HUM 122</td>
<td>Humanities: Medieval-Modern (GT-AH2)</td>
<td>3</td>
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<td>HUM 123</td>
<td>The Modern World (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 115</td>
<td>Introduction to Literature (GT-AH2)</td>
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<tr>
<td>LIT 201</td>
<td>World Literature to 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 202</td>
<td>World Literature after 1600 (GT-AH2)</td>
<td>3</td>
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<tr>
<td>LIT 205</td>
<td>Ethnic Literature (GT-AH2)</td>
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LIT 211 American Literature to Civil War (GT-AH2) 3
LIT 212 American Literature after Civil War (GT-AH2) 3
LIT 221 British Literature to 1770 (GT-AH2) 3
LIT 222 British Literature since 1770 (GT-AH2) 3
LIT 225 Introduction to Shakespeare (GT-AH2) 3
LIT 246 Literature of Women (GT-AH2) 3
LIT 255 Introduction to Shakespeare (GT-AH2) 3
LIT 259 Survey of African American Literature (GT-AH2) 3

Category III (GT-AH3)
PHI 111 Introduction to Philosophy (GT-AH3) 3
PHI 112 Ethics (GT-AH3) 3
PHI 113 Logic (GT-AH3) 3
PHI 114 Comparative Religions (GT-AH3) 3
PHI 205 Business Ethics (GT-AH3) 3
PHI 214 Philosophy of Religion (GT-AH3) 3
PHI 218 Environmental Ethics (GT-AH3) 3
PHI 220 Philosophy of Death and Dying (GT-AH3) 3

PHI 218 Environmental Ethics (GT-AH3) 3
PHI 220 Philosophy of Death and Dying (GT-AH3) 3

Category IV (GT-AH4)
ASL 221 American Sign Language IV (GT-AH4) 3
SPA 211 Spanish Language III (GT-AH4) 3
SPA 212 Spanish Language IV (GT-AH4) 3

Natural and Physical Sciences (4 credits)
Select 1 of the following:
Note: students MUST successfully pass BOTH SCI 155 and SCI 156 to satisfy the GTPathways science requirement.
BIO 105 Science of Biology with Lab (GT-SC1) 4
SCI 155 Integrated Science I - Physics and Chemistry (GT-SC1) 4
SCI 156 Integrated Science II - Earth and Life Science (GT-SC1) 4

Additional General Education Requirements: 3 credits
HIS 121 US History to Reconstruction (GT-HI1) 3

Degree Requirements: 33 credits
ECE 101 Introduction to Early Childhood Education 3
ECE 102 Introduction to Early Childhood Education Techniques 3
ECE 103 Guidance Strategies for young Children 3
ECE 111 Infant and Toddler Theory and Practice 3
ECE 205 ECE Nutrition, Health, and Safety 3
ECE 220 Curriculum Development: Methods and Techniques 3
ECE 238 ECE Child Growth & Development 3
ECE 240 Administration of Early Childhood Care and Education Programs 3
ECE 241 Administration: Human Relations for Early Childhood Education 3
ECE 260 The Exceptional Child 3
ECE 288 Practicum: Early Childhood Education 3

Electives: 6 credits
ECE 112 Intro to Infant/Toddler Lab Techniques 3
ECE 256 Working with Parents, Families, and Community Systems 3
EDU 261 Teaching, Learning, and Technology 3

Film Video Media: Acting/Directing for the Screen Emphasis, A.A.S.
The selective entry Acting/Directing for the Screen degree program is designed to help actors discover their full potential as professionals, as well as help them develop strength and creativity as individuals. This mission is integrated into the Acting/Directing program for the school. With hundreds of production students who need trained actors each semester, it makes sense that directors and actors can benefit from each other. Using techniques based on Stanislavski’s teachings, students will explore many tools for honing and enriching their craft. The approach of the acting faculty at the Colorado Film School encourages students to discover each character within themselves, bringing honesty and specificity to each moment. The program also focuses on techniques that train actors to emerge from each character safely and to work as strong members of any ensemble.

Degree Requirements: 75 credits

General Education Requirements: 15 credits

English (6 credits)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3

Social and Behavioral Sciences (6 credits)
PSY 101 General Psychology I (GT-SS3) 3
OR PSY 102 General Psychology II (GT-SS3) 3
AND ETH 200 Introduction to Ethnic Studies (GT-SS3) 3

Arts and Humanities (3 credits)
COM 115 Public Speaking 3
OR COM 125 Interpersonal Communication 3
### Film Video Common Core: 15 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVM 103</td>
<td>Pre-Production I</td>
<td>3</td>
</tr>
<tr>
<td>FVM 105</td>
<td>Video Production I</td>
<td>3</td>
</tr>
<tr>
<td>FVM 117</td>
<td>Understanding the Actor’s Process</td>
<td>3</td>
</tr>
<tr>
<td>FVM 150</td>
<td>Development of Film Expression</td>
<td>3</td>
</tr>
<tr>
<td>FVM 160</td>
<td>Video Post-Production I</td>
<td>3</td>
</tr>
</tbody>
</table>

### Acting/Directing for the Screen Film and Video: 45 credits

Choose any one from the list below (FVM 181 - FVM 188):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FVM 181</td>
<td>Topics in Film Studies</td>
<td>3</td>
</tr>
<tr>
<td>FVM 183</td>
<td>Italian Neo-Realism and French New Wave Cinema</td>
<td>3</td>
</tr>
<tr>
<td>FVM 184</td>
<td>Landmarks of Cinema</td>
<td>3</td>
</tr>
<tr>
<td>FVM 185</td>
<td>The Documentary Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 186</td>
<td>The Horror Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 187</td>
<td>The Science Fiction Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 188</td>
<td>The Comedy Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 118</td>
<td>Screen Actor Improvisation</td>
<td>3</td>
</tr>
<tr>
<td>FVM 155</td>
<td>Writing the Short Script</td>
<td>3</td>
</tr>
<tr>
<td>FVM 200</td>
<td>Video Production II</td>
<td>3</td>
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<tr>
<td>FVM 202</td>
<td>Film/Video Business</td>
<td>3</td>
</tr>
<tr>
<td>FVM 204</td>
<td>Art Direction</td>
<td>3</td>
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<tr>
<td>FVM 207</td>
<td>Directing Workshop</td>
<td>3</td>
</tr>
<tr>
<td>FVM 209</td>
<td>Production Management</td>
<td>3</td>
</tr>
<tr>
<td>FVM 236</td>
<td>Creative Producing</td>
<td>3</td>
</tr>
<tr>
<td>FVM 211</td>
<td>Studio Recording for Voice</td>
<td>3</td>
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<tr>
<td>FVM 212</td>
<td>Contemporary Global Cinema</td>
<td>3</td>
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<tr>
<td>FVM 217</td>
<td>Acting for the Screen</td>
<td>3</td>
</tr>
<tr>
<td>FVM 218</td>
<td>Screen Actor Movement/Action I</td>
<td>3</td>
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<td>FVM 222</td>
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<td>FVM 243</td>
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<tr>
<td>FVM 228</td>
<td>Screen Actor Movement/Action II</td>
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<tr>
<td>FVM 251</td>
<td>Feature Script Analysis</td>
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### Film Video Media: Cinematography/Videography Emphasis, A.A.S.

Cinematography majors develop their filmmaking craft through hands-on instruction and collaboration with Directors and Production Designers. They learn to visualize a movie while provoking emotional response from the audience. This is the essence of why people connect with cinema. At CFS you will master a wide variety of industry standard cameras and production tools currently in use at the highest levels of our industry. Working in parallel with other disciplines allows a Cinematography major to explore a wide range of filmmaking, gaining skills in: dramatic narrative, documentary filmmaking and the latest in state-of-the-art technology and technique.

### Degree Requirements: 75 credits

### General Education Requirements: 15 credits

#### English (6 credits)

<table>
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#### Social and Behavioral Sciences (6 credits)

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<tr>
<td>ETH 200</td>
<td>Introduction to Ethnic Studies (GT-SS3)</td>
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#### Arts and Humanities (3 credits)

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### Film Video Common Core: 15 credits

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<td>Video Production I</td>
<td>3</td>
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<tr>
<td>FVM 117</td>
<td>Understanding the Actor’s Process</td>
<td>3</td>
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<td>FVM 150</td>
<td>Development of Film Expression</td>
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<tr>
<td>FVM 160</td>
<td>Video Post-Production I</td>
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### Cinematography/Videography Emphasis: 45 credits

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<td>FVM 185</td>
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<tr>
<td>FVM 200</td>
<td>Video Production II</td>
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<tr>
<td>FVM 202</td>
<td>Film/Video Business</td>
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</tr>
</tbody>
</table>
Film Video Media: Post-Production Emphasis, A.A.S.

The Colorado Film School helps prepare students to become great editors that find work. Traditionally, we teach the very latest in Adobe Creative Suite, Avid, and Final Cut Pro. We offer training in Sound Design with Pro Tools. Color Grading with DaVinci Resolve, Visual Effects with Nuke, as well as Animation & Motion Graphics with After Effects & Photoshop. Successful completion of our Post-Production Program following the Fall 2019 Semester will also include certification with the Avid Media Composer, the industry standard for video editing. Most importantly we give our editors the skills to adapt in the fast-paced, ever changing world of media.

Degree Requirements: 75 credits

General Education Requirements: 15 credits

English (6 credits)

ENG 121  English Composition I (GT-CO1) 3
ENG 122  English Composition II (GT-CO2) 3

Social and Behavioral Sciences (6 credits)

PSY 101  General Psychology I (GT-SS3) 3
OR
PSY 102  General Psychology II (GT-SS3) 3

AND

ETH 200  Introduction to Ethnic Studies (GT-SS3) 3

Arts and Humanities (3 credits)

COM 115  Public Speaking 3

OR

COM 125  Interpersonal Communication 3

Film Video Common Core: 15 credits

FVM 103  Pre-Production I 3

FVM 105  Video Production I 3
FVM 117  Understanding the Actor’s Process 3
FVM 150  Development of Film Expression 3
FVM 160  Video Post-Production I 3

Post-Production Emphasis: 45 credits

FVM 163  Digital Editing: Premiere 3
FVM 164  Digital Editing: Final Cut Pro 3
FVM 165  Digital Editing: Avid 3
FVM 185  The Documentary Film 3
FVM 200  Video Production II 3
FVM 202  Film/Video Business 3
FVM 208  Sound for Film/Video 3
FVM 212  Contemporary Global Cinema 3
FVM 215  Post-Production II 3
FVM 223  Color Grading 3
FVM 248  Post-Production Sound 3
FVM 251  Feature Script Analysis 3
FVM 264  Digital Effects 3
FVM 263  Digital Compositing 3
OR
FVM 267  Editing Aesthetics 3

FVM 271  Post-Production III 3

Film Video Media: Screenwriting Emphasis, A.A.S.

At CFS, we believe great films start with character and story, so needless to say, our most talented writers have a strong fan base. Screenwriting majors create short film scripts they can market to producers and directors via the school’s established filmmaking architecture. Beyond this, screenwriters develop scripts for television, feature films, web series and interactive games in focused courses that emphasize process, structure, story and character. A CFS Screenwriting major can graduate with a strong portfolio of scripts and teleplays to market to producers and financiers of features and series alike.

Degree Requirements: 75 credits

General Education Requirements: 15 credits

English (6 credits)

ENG 121  English Composition I (GT-CO1) 3
ENG 122  English Composition II (GT-CO2) 3

Social and Behavioral Sciences (6 credits)

PSY 101  General Psychology I (GT-SS3) 3
OR
PSY 102  General Psychology II (GT-SS3) 3

AND

ETH 200  Introduction to Ethnic Studies (GT-SS3) 3

Arts and Humanities (3 credits)

COM 115  Public Speaking 3

OR

COM 125  Interpersonal Communication 3

Film Video Common Core: 15 credits

FVM 103  Pre-Production I 3

FVM 105  Video Production I 3
FVM 117  Understanding the Actor’s Process 3
FVM 150  Development of Film Expression 3
FVM 160  Video Post-Production I 3

Post-Production Emphasis: 45 credits

FVM 163  Digital Editing: Premiere 3
FVM 164  Digital Editing: Final Cut Pro 3
FVM 165  Digital Editing: Avid 3
FVM 185  The Documentary Film 3
FVM 200  Video Production II 3
FVM 202  Film/Video Business 3
FVM 208  Sound for Film/Video 3
FVM 212  Contemporary Global Cinema 3
FVM 215  Post-Production II 3
FVM 223  Color Grading 3
FVM 248  Post-Production Sound 3
FVM 251  Feature Script Analysis 3
FVM 264  Digital Effects 3
FVM 263  Digital Compositing 3
OR
FVM 267  Editing Aesthetics 3

FVM 271  Post-Production III 3
## Associate of Applied Science Degree (A.A.S.)

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**Arts and Humanities**

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**Film Video Common Core: 15 credits**

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**Screenwriting for Film and Video: 45 credits**

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<td>FVM 155</td>
<td>Writing the Short Script</td>
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<td>Film/Video Business</td>
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<td>FVM 212</td>
<td>Contemporary Global Cinema</td>
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<td>FVM 216</td>
<td>Producing the Independent Film</td>
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<td>FVM 242</td>
<td>Writing the TV Spec Script</td>
<td>3</td>
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<tr>
<td>FVM 217</td>
<td>Acting for the Screen</td>
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<td>FVM 222</td>
<td>Writing the Web Series</td>
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<td>FVM 232</td>
<td>Writing the TV Pilot</td>
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<td>FVM 236</td>
<td>Creative Producing</td>
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<td>FVM 243</td>
<td>Writing for Interactive Games</td>
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<td>FVM 251</td>
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<td>FVM 262</td>
<td>Writing the Hollywood Feature</td>
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<td>FVM 268</td>
<td>Feature Rewrites Workshop</td>
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<td>FVM 269</td>
<td>Screenwriter’s Workshop</td>
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**Choose any one from the list below (FVM 125 - FVM 127; FVM 181 - FVM 188):**

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<td>FVM 126</td>
<td>Hollywood Shuffle/Black Cinema</td>
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<td>FVM 127</td>
<td>LGBTQ Voices in Film</td>
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<td>FVM 181</td>
<td>Topics in Film Studies</td>
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<td>FVM 183</td>
<td>Italian Neo-Realism and French New Wave Cinema</td>
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<td>FVM 184</td>
<td>Landmarks of Cinema</td>
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<td>FVM 185</td>
<td>The Documentary Film</td>
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<td>FVM 186</td>
<td>The Horror Film</td>
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<td>FVM 187</td>
<td>The Science Fiction Film</td>
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<tr>
<td>FVM 188</td>
<td>The Comedy Film</td>
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**Film Video Media: Writing/Directing Emphasis, A.A.S.**

The selective entry Writing / Directing degree program is designed to provide students with the storytelling skills that are essential to media content creation. Writing / Directing majors focus on scriptwriting, preproduction, eliciting actor performances, production with crews, and post-production. Students should graduate from our rigorous program with a completed teleplay, feature screenplay, and a reel of professional quality videos, ready to work in the creative economy sector in broadcast, feature film, webcast, or any of the evolving media creation formats.

**Degree Requirements: 75 credits**

**General Education Requirements: 15 credits**

**English**

(6 credits)

<table>
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**Social and Behavioral Sciences**

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**Arts and Humanities**

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**Associate of Applied Science Degree (A.A.S.)**

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## Writing/Directing for Film and Video: 36 credits

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<td>FVM 206 Film/Video Lighting</td>
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<td>FVM 220 16MM/HD Production</td>
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<td>Film/Video Business</td>
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<td>FVM 204</td>
<td>Art Direction</td>
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<td>FVM 205</td>
<td>Camera Techniques</td>
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<td>FVM 207</td>
<td>Directing Workshop</td>
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<td>FVM 209</td>
<td>Production Management</td>
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<td>FVM 212</td>
<td>Contemporary Global Cinema</td>
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## Production III OR Feature-Writing Track: 9 credits

Students need to take either the Production III OR Feature-Writing Track.

### Production III Track

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<td>Production III Preparation</td>
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<td>FVM 270</td>
<td>Film/Video Production III</td>
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<td>FVM 271</td>
<td>Post-Production III</td>
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### Feature-Writing Track

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## Film Video Media: Writing/Producing Emphasis, A.A.S.

It all starts with imagination, ideas and the script. Creative producers and screenwriters learn to analyze and write screenplays by understanding character, structure and narrative story elements. They then assemble and collaborate with key creative artists to form a combined vision through a project's development, from pre-production, into production and, finally, post-production. Filmmakers will perfect both the creative and business aspects of filmmaking by enhancing and developing artistic proficiency and judgment, becoming immersed in a solid background of the entertainment industry.

### Degree Requirements: 75 credits

#### General Education Requirements: 15 credits

**English (6 credits)**

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<tbody>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>COM 125 Interpersonal Communication</td>
<td>3</td>
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</table>

**Film Video Common Core: 15 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVM 103</td>
<td>Pre-Production I</td>
<td>3</td>
</tr>
<tr>
<td>FVM 105</td>
<td>Video Production I</td>
<td>3</td>
</tr>
<tr>
<td>FVM 117</td>
<td>Understanding the Actor's Process</td>
<td>3</td>
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<tr>
<td>FVM 150</td>
<td>Development of Film Expression</td>
<td>3</td>
</tr>
<tr>
<td>FVM 160</td>
<td>Video Post-Production I</td>
<td>3</td>
</tr>
</tbody>
</table>

**Writing/Producing Emphasis: 45 credits**

<table>
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<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FVM 155</td>
<td>Writing the Short Script</td>
<td>3</td>
</tr>
<tr>
<td>FVM 185</td>
<td>The Documentary Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 200</td>
<td>Video Production II</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>FVM 220 16MM/HD Production</td>
<td>3</td>
</tr>
</tbody>
</table>
FVM 202  Film/Video Business                      3
FVM 204  Art Direction                          3
FVM 209  Production Management                 3
FVM 212  Contemporary Global Cinema            3
FVM 216  Producing the Independent Film        3
FVM 229  Production III Preparation            3
FVM 236  Creative Producing                    3
FVM 251  Feature Script Analysis               3
FVM 270  Film/Video Production III             3
FVM 273  Professional Documentary Production   3
FVM 222  Writing the Web Series                3
     OR                                       
FVM 232  Writing the TV Pilot                  3
     OR                                       
FVM 242  Writing the TV Spec Script            3
     OR                                       
FVM 243  Writing for Interactive Games         3

Choose any one from the list below (FVM 125 - FVM 127; FVM 181 - FVM 188):
  FVM 125  Women in Film                        3
  FVM 126  Hollywood Shuffle/Black Cinema       3
  FVM 127  LGBTQ Voices in Film                 3
  FVM 181  Topics in Film Studies               3
  FVM 183  Italian Neo-Realism and French New Wave Cinema  3
  FVM 184  Landmarks of Cinema                  3
  FVM 185  The Documentary Film                  3
  FVM 186  The Horror Film                      3
  FVM 187  The Science Fiction Film             3
  FVM 188  The Comedy Film                      3

**Fire Science Technology, A.A.S.**

This selective entry degree program is designed for students who want to pursue a career in fire service, or are currently employed as career or volunteer firefighters who wish to gain college credit for their training and pursue a degree. Please note you must first apply to CCA and then contact the FST program or an advisor for next steps.

Degree Requirements: 61 credits

General Education Requirements: 18 credits

English and Communication
(6 credits)
  ENG 121  English Composition I (GT-CO1)        3
  COM 125  Interpersonal Communication           3

Mathematics
(4 credits)
  MAT 120  Mathematics for Liberal Arts: GT-MA1  4

Natural and Physical Sciences
(4 credits)

Select one GT-SC1 course:
  ANT 111  Biological Anthropology w/Lab (GT-SC1)  4
  ANT 212  Introduction to Forensic Anthropology with Lab (GT-SC1)  4
  AST 101  Astronomy I with Lab (GT-SC1)            4
  AST 102  Astronomy II with Lab (GT-SC1)           4
  BIO 105  Science of Biology with Lab (GT-SC1)     4
  BIO 111  General College Biology I with Lab (GT-SC1)  5
  BIO 112  General College Biology II with Lab (GT-SC1)  5
  BIO 201  Human Anatomy and Physiology I with Lab (GT-SC1)  4
  BIO 202  Human Anatomy and Physiology II with Lab(GT-SC1)  4
  BIO 204  Microbiology with Lab (GT-SC1)           4
  CHE 101  Introduction to Chemistry I with Lab (GT-SC1)  5
  CHE 111  General College Chemistry I with Lab (GT-SC1)  5
  CHE 112  General College Chemistry II with Lab (GT-SC1)  5
  GEY 111  Physical Geology, with Lab (GT-SC1)      4
  GEY 112  Historical Geology, with Lab (GT-SC1)    4
  GEY 135  Environmental Geology,with Lab (GT-SC1)  4
  PHY 111  Physics: Algebra Based I with Lab (GT-SC1)  5
  PHY 112  Physics: Algebra Based II with Lab (GT-SC1)  5
  PHY 211  Physics: Calculus Based I with Lab (GT-SC1)  5
  PHY 212  Physics: Calculus Based II with Lab (GT-SC1)  5
  SCI 155  Integrated Science I - Physics and Chemistry (GT-SC1)  4
  SCI 156  Integrated Science II - Earth and Life Science (GT-SC1)  4

Other
(4 credits)
  PED 110  Fitness Center Activity I             1
  CIS 118  Introduction to PC Applications        3

Degree Requirements: 32 credits

FST 100  Firefighter I                           9
FST 102  Principles/Emergency Services           3
FST 109  Occupational Safety and Health for Fire  3
FST 209  Fire Protection Systems                 3
FST 105  Building Construction for Fire Protection 3
FST 106  Fire Prevention                          3
FST 107  Hazardous Materials Operations (Level I) 3
FST 170  Clinical I                               1
FST 253  NIMS                                     3
Electives: 12 credits
Select any non-required FST or EMS courses.

Graphic and Web Design, A.A.S.
Degree is designed to prepare students to enter the field of graphic design, while focusing on both design and best use of technical tools. Graphic designers create visual representations of complex ideas or messages, typically in an effort to promote a product, company or organization. Designers communicate in print by designing posters, books, catalogs, logos, ads and cards. They also create designs for the digital space including websites, motion graphics and interactive media. Designers work in-house for companies, design firms, and as freelance designers. Students will develop the ability to design efficiently, incorporate text with imagery, use design software, and interface effectively with business clients and marketing teams.

Degree Requirements: 60 credits

General Education Requirements: 16 credits

English and Communication
(9 Credits)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3
COM 115 Public Speaking 3
Or
COM 125 Interpersonal Communication 3

Mathematics
(4 Credits)
MAT 120 Mathematics for Liberal Arts: GT-MA1 4
Or
MAT 121 College Algebra: GT-MA1 4

Arts and Humanities
(3 Credits)
Select one course
ART 111 Art History - Ancient to Medieval (GT-AH1) 3
Or
ART 112 Art History – Renaissance to Modern (GT-AH1) 3

Graphic and Web Design Core Course Requirements:
38 credits

Take all courses
ART 121 Drawing I 3
ART 131 Visual Concepts 2-D Design 3
CIS 203 Technology for Career Success 3
CWB 110 Complete Web Authoring (HTML) 3
MGD 102 Introduction to Multimedia 3
MGD 105 Type & Layout 3
MGD 111 Adobe Photoshop I 3
MGD 112 Adobe Illustrator I 3
MGD 114 Adobe InDesign 3
MGD 133 Graphic Design I 3
MGD 141 Web Design I 3
MGD 143 Motion Graphic Design I (Software) 3
MGD 227 Marcomm Practices 3

Electives: 6 credits
Choose any 2 below:
ART 110 Art Appreciation (GT-AH1) 3
ART 132 Visual Concepts 3-D Design 3
ART 134 Visual Concepts 4-D Design 3
ART 139 Digital Photography I 3
CWB 205 Client-side Scripting 3
MGD 233 Graphic Design II 3

IT Tech and Support, A.A.S.
This degree program prepares student as entry-level computer specialists. Graduates will be able to configure and repair personal computers and peripherals, install and use Windows, Linux, and application software packages as well as gain a basic understanding of networking concepts. While working on this degree, students may also obtain their IT Tech and Support and Basic Network Security certificates depending on courses taken from CCA. This degree provides students with the opportunity to learn the skills needed to test for the CompTIA A+, Network+, Project+, Linux+, and Security+ industry certifications.

Degree Requirements: 62 credits

General Education Requirements: 16 credits

English and Communication
(9 credits)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3
BUS 217 Business Communication and Report Writing 3

Mathematics
(4 credits)
MAT 121 College Algebra: GT-MA1 4

Business
(3 credits)
BUS 115 Introduction to Business 3

Required Courses for IT Tech and Support: 40 credits

CIS 115 Introduction to Computer Information Systems 3
CIS 118 Introduction to PC Applications 3
CIS 128 Intro to Operating Systems 3
CIS 203 Technology for Career Success 2
CIS 263 PC Help Desk Skills 3
CIS 267 Management of Information Systems 3
CNG 101 Network Fundamentals 3
CNG 121 Computer Technician I A+ 4
CNG 122  Computer Technician II A+  4
CNG 124  Networking: Network +  3
CNG 131  Principles of Information Assurance  3
CNG 142  Intro to Cloud Computing  3
CNG 211  Windows Configuration  3

Electives: 6 credits

CIS 202  Automated Project Management: MS Project  3
CIS 223  Linux  3
CIS 268  Systems Analysis and Design I  3
CIS 280  Internship  3
CNG 132  Network Security Fundamentals  3

Management with an Emphasis in Paralegal, A.A.S.

This program combines an understanding of legal principles, legal analysis and ethical considerations with practical applications. Courses lead to an American Bar Association (ABA) approved Paralegal certificate. All Paralegal students should consult with a Pathways Advisor. Students wishing to continue in a baccalaureate degree program after completing their associate’s degree should contact an academic advisor at their 4-year institution.

All paralegal students are required to take 10 credit hours of legal specialty courses through traditional classroom instruction. Each student must take 15 hours of paralegal instruction at CCA in order to receive a degree or certificate from this institution.

In order to meet ABA requirements, only certain online Paralegal courses are applicable to this degree. If the class is offered at CCA under the PAR prefix, it will apply to the degree. If you are transferring in paralegal credits, you are responsible for proving the method of delivery.

*A paralegal is a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Any act performed by a paralegal that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

Degree Requirements: 61 credits

General Education Requirements: 18 credits

English and Communication
(6 credits)

ENG 121  English Composition I (GT-CO1)  3
COM 115  Public Speaking  3
OR
COM 125  Interpersonal Communication  3

Mathematics or Natural and Physical Sciences
(3 credits)

MAT 120  Mathematics for Liberal Arts: GT-MA1  4
AST  3

Social and Behavioral Sciences
(9 credits)

ECO 201  Principles of Macroeconomics (GT-SS1)  3
ECO 202  Principles of Microeconomics (GT-SS1)  3

And Choose one course from:

HIS 121  US History to Reconstruction (GT-HI1)  3
HIS 122  US History Since Civil War (GT-HI1)  3
SOC 101  Introduction to Sociology I (GT-SS3)  3
SOC 102  Introduction to Sociology II (GT-SS3)  3

Business Core Requirements: 13 credits

ACC 121  Accounting Principles I  4
BUS 216  Legal Environment of Business  3
MAN 200  Human Resources Management I  3
MAN 226  Principles of Management  3

Emphasis Requirements: 21 credits

PAR 115  Introduction to Law  3
PAR 116  Torts  3
OR
PAR 205  Criminal Law  3
PAR 118  Contracts  3
PAR 201  Civil Litigation  3
PAR 213  Legal Research and Writing I  3
PAR 214  Legal Research and Writing II  3
PAR 280  Internship  3
OR
PAR 285  Independent Study  3
PAR 116, PAR 205: Students may take either Torts or Criminal Law to meet the emphasis requirements, or they may take both courses as one elective.

Electives: 9 credits

Select three courses from the following:

PAR 116  Torts  3
PAR 117  Family Law  3
PAR 125  Property Law  3
PAR 205  Criminal Law  3
PAR 206  Business Organizations  3
PAR 207  Current Issues in Law  3
Music and Entertainment Entrepreneurship Music Producer, A.A.S.

This degree program prepares students for music entertainment entry level audio production work or to launch a new business and/or career. Topics range from audio tech to music business to music making and apt gen-ed courses.

Degree Requirements: 60 Credits

General Education Requirements: 16 credits

English and Communication (9 credits)

ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3

COM 125 Interpersonal Communication 3

Mathematics (3 credits)

MAT 121 Mathematics for Liberal Arts: GT-MA1 4
MAT 120 or higher (excludes MAT 155 and MAT 156)

Social and Behavioral Sciences (3 credits)

PSY 101 General Psychology I (GT-SS3) 3

Music and Entertainment Entrepreneurship Common Core: 21 credits

Music and Entertainment Entrepreneurship Common Core

MUS 107 Entrep/Artistry for Musicians 3
MUS 163 Music Audio Production I 3
MUS 164 Music Audio Production II 3
MUS 167 Music Business I 3
MUS 169 Project Management for Musicians 3
MUS 263 Music Publishing 3
MUS 267 Music Marketing Strategies 3

Producer Emphasis: 23 credits

Producer Emphasis

MUS 100 Introduction to Music Theory I 3
MUS 110 Music Theory I 3

Networking, A.A.S.

Degree prepares students with the entry-level skills and knowledge necessary to establish and monitor local area networks. The program provides students with the opportunity to learn the skills needed to test for the CompTIA Network+, Project+, and Linux+ certifications. Additionally, they will have the option to test for the Security+ or CISCO CCENT certifications and may qualify for the CISCO and Basic Networking Security certificates from CCA.

Degree Requirements: 62 credits

General Education Requirements: 16 credits

English and Communication (9 credits)

ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3

BUS 217 Business Communication and Report Writing 3

Mathematics (4 credits)

MAT 121 College Algebra: GT-MA1 4
MAT 120 or higher (excludes MAT 155 and MAT 156)

Business (3 credits)

BUS 115 Introduction to Business 3

Required Courses for AAS Networking: 40 credits

CIS 118 Introduction to PC Applications 3
CIS 128 Intro to Operating Systems 3
CIS 203 Technology for Career Success 2
CIS 268 Systems Analysis and Design I 3
CNG 101 Network Fundamentals 3
CNG 124 Networking: Network + 3
CNG 132 Network Security Fundamentals 3
CNG 260 CISCO Network Associate I 5
CNG 261 CISCO Network Associate II 5
CNG 262 CISCO Network Associate III 5
CNG 263 CISCO Network Associate IV 5
**Paralegal, A.A.S.**

This program combines an understanding of legal principles, legal analysis and ethical considerations with practical applications. Courses lead to an American Bar Association (ABA) approved Paralegal certificate. All Paralegal students should consult with a Pathways Advisor. Students wishing to continue in a baccalaureate degree program after completing their associate's degree should contact an academic advisor at their 4-year institution.

All paralegal students are required to take 10 credit hours of legal specialty courses through traditional classroom instruction. Each student must take 15 hours of paralegal instruction at CCA in order to receive a degree or certificate from this institution.

In order to meet ABA requirements, only certain online Paralegal courses are applicable to this degree. If the class is offered at CCA under the PAR prefix, it will apply to the degree. If you are transferring in paralegal credits, you are responsible for proving the method of delivery.

*A paralegal is a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Any act performed by a paralegal that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

**Degree Requirements: 60 credits**

**English and Communication**

*(9 credits)*

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<tr>
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<th>Title</th>
<th>Credits</th>
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<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
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**Mathematics or Science**

*(3 credits)*

Choose one course from GT-MA1 or GT-SC1:

**(GT-MA1)**

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
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**(GT-SC1)**

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<th>Title</th>
<th>Credits</th>
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<tr>
<td>ANT 111</td>
<td>Biological Anthropology w/Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>ANT 212</td>
<td>Introduction to Forensic Anthropology with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 101</td>
<td>Astronomy I with Lab (GT-SC1)</td>
<td>4</td>
</tr>
<tr>
<td>AST 102</td>
<td>Astronomy II with Lab (GT-SC1)</td>
<td>4</td>
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<tr>
<td>BIO 105</td>
<td>Science of Biology with Lab (GT-SC1)</td>
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<td>BIO 111</td>
<td>General College Biology I with Lab (GT-SC1)</td>
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<td>BIO 112</td>
<td>General College Biology II with Lab (GT-SC1)</td>
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<td>BIO 201</td>
<td>Human Anatomy and Physiology I with Lab (GT-SC1)</td>
<td>4</td>
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<td>BIO 202</td>
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<td>BIO 204</td>
<td>Microbiology with Lab (GT-SC1)</td>
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<td>CHE 101</td>
<td>Introduction to Chemistry I with Lab (GT-SC1)</td>
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<td>CHE 111</td>
<td>General College Chemistry I with Lab (GT-SC1)</td>
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<td>CHE 112</td>
<td>General College Chemistry II with Lab (GT-SC1)</td>
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<td>GEO 111</td>
<td>Physical Geography-Landforms with Lab (GT-SC1)</td>
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<tr>
<td>GEO 112</td>
<td>Physical Geography-Weather and Climate with Lab (GT-SC1)</td>
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<td>GEY 111</td>
<td>Physical Geology, with Lab (GT-SC1)</td>
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<td>GEY 112</td>
<td>Historical Geology, with Lab (GT-SC1)</td>
<td>4</td>
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<td>GEY 135</td>
<td>Environmental Geology, with Lab (GT-SC1)</td>
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<td>PHY 111</td>
<td>Physics: Algebra Based I with Lab (GT-SC1)</td>
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<td>PHY 112</td>
<td>Physics: Algebra Based II with Lab (GT-SC1)</td>
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<td>Physics: Calculus Based I with Lab (GT-SC1)</td>
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<td>Integrated Science I - Physics and Chemistry (GT-SC1)</td>
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<tr>
<td>SCI 156</td>
<td>Integrated Science II - Earth and Life Science (GT-SC1)</td>
<td>4</td>
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</tbody>
</table>

**Social and Behavioral Sciences**

*(9 credits)*

Choose 3 courses from at least 2 different categories,
Community College of Aurora 2021-2022 Catalog

(GT-HI1, GT-SS1, GT-SS2, GT-SS3):

**(GT-HI1)**

HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1) 3
HIS 111 The World: Antiquity - 1500 (GT-HI1) 3
HIS 112 The World: 1500 - Present (GT-HI1) 3
HIS 121 US History to Reconstruction (GT-HI1) 3
HIS 122 US History Since Civil War (GT-HI1) 3
HIS 205 Women in World History (GT-HI1) 3
HIS 208 American Indian History (GT-HI1) 3
HIS 215 Women in U.S. History (GT-HI1) 3
HIS 225 Colorado History (GT-HI1) 3
HIS 244 History of Latin America (GT-HI1) 3
HIS 247 20th Century World History (GT-HI1) 3
HIS 250 African American History (GT-HI1) 3

**(GT-SS1)**

ECO 201 Principles of Macroeconomics (GT-SS1) 3
ECO 202 Principles of Microeconomics (GT-SS1) 3
POS 105 Introduction to Political Science (GT-SS1) 3
POS 111 American Government (GT-SS1) 3
POS 125 American State and Local Government (GT-SS1) 3
POS 205 International Relations (GT-SS1) 3
POS 225 Comparative Government (GT-SS1) 3

**(GT-SS2)**

GEO 105 World Regional Geography (GT-SS2) 3
GEO 106 Human Geography (GT-SS2) 3

**(GT-SS3)**

ANT 101 Cultural Anthropology (GT-SS3) 3
ANT 107 Introduction to Archaeology (GT-SS3) 3
ANT 215 Native Peoples of North America: GT-SS3 3
ANT 250 Medical Anthropology (GT-SS3) 3
COM 220 Intercultural Communication (GT-SS3) 3
ETH 200 Introduction to Ethnic Studies (GT-SS3) 3
ETH 215 Discrimination and Diversity (GT-SS3) 3
PSY 101 General Psychology I (GT-SS3) 3
PSY 102 General Psychology II (GT-SS3) 3
PSY 205 Psychology of Gender (GT-SS3) 3
PSY 217 Human Sexuality (GT-SS3) 3
PSY 226 Social Psychology (GT-SS3) 3
PSY 235 Human Growth and Development (GT-SS3) 3
PSY 238 Child Development (GT-SS3) 3
PSY 249 Abnormal Psychology (GT-SS3) 3
SOC 101 Introduction to Sociology I (GT-SS3) 3
SOC 102 Introduction to Sociology II (GT-SS3) 3
SOC 205 Sociology of Family Dynamics (GT-SS3) 3
SOC 207 Environmental Sociology (GT-SS3) 3
SOC 215 Contemporary Social Problems (GT-SS3) 3
SOC 218 Sociology of Diversity (GT-SS3) 3
SOC 220 Sociology of Religion (GT-SS3) 3
SOC 231 Sociology of Deviant Behavior (GT-SS3) 3
WST 200 Introduction to Women's Studies (GT-SS3) 3

**Arts and Humanities**

*(9 credits)*

Choose 3 different courses from at least 2 different categories:

**Category I (GT-AH1)**

ART 110 Art Appreciation (GT-AH1) 3
ART 111 Art History - Ancient to Medieval (GT-AH1) 3
ART 112 Art History – Renaissance to Modern (GT-AH1) 3
ART 207 Art History - 1900 to Present (GT-AH1) 3
COM 130 Communication and Popular Culture (GT-AH1) 3
ENG 221 Creative Writing I (GT-AH1) 3
MUS 120 Music Appreciation (GT-AH1) 3
MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3
MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
MUS 123 Survey of World Music (GT-AH1) 3
MUS 125 History of Jazz (GT-AH1) 3
THE 105 Theatre Appreciation (GT-AH1) 3
THE 108 Theater Script Analysis (GT-AH1) 3
THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
THE 215 Playwriting (GT-AH1) 3

**Category II (GT-AH2)**

HUM 115 World Mythology (GT-AH2) 3
HUM 121 Humanities: Early Civilizations (GT-AH2) 3
HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
HUM 123 The Modern World (GT-AH2) 3
LIT 115 Introduction to Literature (GT-AH2) 3
LIT 201 World Literature to 1600 (GT-AH2) 3
LIT 202 World Literature after 1600 (GT-AH2) 3
LIT 205 Ethnic Literature (GT-AH2) 3
LIT 211 American Literature to Civil War (GT-AH2) 3
LIT 212 American Literature after Civil War (GT-AH2) 3
LIT 221 British Literature to 1770 (GT-AH2) 3
LIT 222 British Literature since 1770 (GT-AH2) 3
LIT 225 Introduction to Shakespeare (GT-AH2) 3
LIT 246 Literature of Women (GT-AH2) 3
LIT 255 Children's Literature (GT-AH2) 3
LIT 259 Survey of African American Literature (GT-AH2) 3
**Category III (GT-AH3)**

- PHI 111 Introduction to Philosophy (GT-AH3) 3
- PHI 112 Ethics (GT-AH3) 3
- PHI 113 Logic (GT-AH3) 3
- PHI 114 Comparative Religions (GT-AH3) 3
- PHI 205 Business Ethics (GT-AH3) 3
- PHI 214 Philosophy of Religion (GT-AH3) 3
- PHI 218 Environmental Ethics (GT-AH3) 3
- PHI 220 Philosophy of Death and Dying (GT-AH3) 3

**Paralegal Required Courses: 21 credits**

- PAR 115 Introduction to Law 3
- PAR 118 Contracts 3
- PAR 201 Civil Litigation 3
- PAR 213 Legal Research and Writing I 3
- PAR 214 Legal Research and Writing II 3
- PAR 116 Torts 3
- PAR 205 Criminal Law 3
- PAR 280 Internship 3
- PAR 285 Independent Study 3

PAR 116, PAR 205: Students may take either Torts or Criminal Law to meet the emphasis requirements or they may take both courses, one as an elective.

**Electives: 9 credits**

**Select 3 courses:**

- PAR 116 Torts 3
- PAR 117 Family Law 3
- PAR 125 Property Law 3
- PAR 205 Criminal Law 3
- PAR 206 Business Organizations 3
- PAR 207 Current Issues in Law 3
- PAR 208 Probate and Estates 3
- PAR 216 Employment Law 3
- PAR 218 Bankruptcy Law 3

OR

Any other PAR courses approved by the department

**Paramedicine, A.A.S.**

**Emergency Medical Services (EMS)**

The Emergency Medical Technician-Paramedic is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs

1361 Park Street
Clearwater, FL 33756
727-210-2350
www.caahep.org
To contact CoAEMSP:
8301 Lakeview Parkway, Suite 111-312
Rowlett TX 75088
(214) 703-8445
FAX (214) 703-8992
www.coaemsp.org

**Degree Requirements: 62 credits**

**General Education Requirements: 17 credits**

**English**

(3 credits)

- ENG 121 English Composition I (GT-CO1) 3

**Mathematics**

(3 credits)

- MAT 107 Career Mathematics 3

**Science**

(11 credits)

- BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
- HPR 144 Comprehensive Medical Terminology 3

**Requirement Paramedicine: 45 credits**

- EMS 225 Fundamentals of Paramedic Practice 3
- EMS 226 Fundamentals of Paramedic Practice - Lab 2
- EMS 227 Paramedic Special Considerations 3
- EMS 228 Paramedic Special Considerations - Lab 2
- EMS 229 Paramedic Pharmacology 3
- EMS 230 Paramedic Pharmacology - Lab 2
- EMS 231 Paramedic Cardiology 5
Programming, A.A.S.

Degree provides students with the skills necessary to become an entry-level programmer. Students will design, develop, build, troubleshoot, debug, maintain, and test computer software programs in a variety of programming languages. Programming will range from simple business programs to complex web applications.

Degree Requirements: 61 credits

General Education Requirements: 16 credits

English and Communication

(9 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
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</tbody>
</table>

Mathematics

(4 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
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Business

(3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 115</td>
<td>Introduction to Business</td>
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</table>

Required Courses for Programming: 39 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CIS 118</td>
<td>Introduction to PC Applications</td>
<td>3</td>
</tr>
<tr>
<td>CIS 128</td>
<td>Intro to Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 202</td>
<td>Automated Project Management: MS Project</td>
<td>3</td>
</tr>
<tr>
<td>CIS 203</td>
<td>Technology for Career Success</td>
<td>2</td>
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<tr>
<td>CNG 101</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CSC 119</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS 243</td>
<td>Introduction to SQL</td>
<td>3</td>
</tr>
<tr>
<td>CIS 268</td>
<td>Systems Analysis and Design I</td>
<td>3</td>
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<tr>
<td>CSC 160</td>
<td>Computer Science I: C++</td>
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</tr>
<tr>
<td>CSC 161</td>
<td>Computer Science II: C++</td>
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<tr>
<td>CSC 236</td>
<td>Introduction to C# Programming</td>
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<td>CSC 237</td>
<td>Advanced C# Programming</td>
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Electives: 6 Credits

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CWB 110</td>
<td>Complete Web Authoring (HTML)</td>
<td>3</td>
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<tr>
<td>CWB 205</td>
<td>Client-side Scripting</td>
<td>3</td>
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</tbody>
</table>

Technology for Business Operations, A.A.S.

This degree program prepares students for entry-level positions utilizing technology in business operations and focuses on technology and software applications used in business. The degree is structured for students to choose their area of technological emphasis, including office management, business, marketing, and desktop publishing.

Degree Requirements: 60 credits

General Education Requirements: 16 credits

English and Communication

(9 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
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</tr>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
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</table>

Mathematics

(4 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 120</td>
<td>Mathematics for Liberal Arts: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
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Social Sciences

(3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
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Required Core Courses for Computer Department: 11 credits

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CIS 115</td>
<td>Introduction to Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 128</td>
<td>Intro to Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 202</td>
<td>Automated Project Management: MS Project</td>
<td>3</td>
</tr>
<tr>
<td>CIS 203</td>
<td>Technology for Career Success</td>
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Required Courses for Technology for Business Operations: 24 credits

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BUS 115</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 216</td>
<td>Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
</tr>
</tbody>
</table>
CIS 118 Introduction to PC Applications 3
CIS 135 Complete PC Word Processing (Word) 3
CIS 145 Introduction to Desktop Database 3
CIS 155 PC Spreadsheet Concepts (Excel) 3
MGD 114 Adobe InDesign 3

Electives: 9 credits
Choose 3 courses:
BTE 225 Office Management 3
BUS 226 Business Statistics 3
CIS 165 Complete Presentation Graphics (Power Point) 3
CWB 110 Complete Web Authoring (HTML) 3
MAR 216 Principles of Marketing 3
MGD 112 Adobe Illustrator I 3

Pre-requisites for degree: MAT 050, CCR 092, CCR 093 or CCR 094, or equivalent ACT scores, ability to type 30 wpm.

Translation and Interpretation, A.A.S.

Degree is intended to prepare functionally bilingual students for employment as interpreters and/or translators. Upon completion, students will be able to provide basic interpreting and translation services between English and their other language(s). This degree focuses on further developing general skills necessary for translators and interpreters.

Prerequisites:
1. Provide evidence of proficiency in English with one of the following:
   a. Completion of ENG 121 or higher with a C or higher.
   b. Other evidence demonstrating English proficiency may be approved by the program Chair.
2. Provide evidence of proficiency in a second language with one of the following:
   a. Evidence of completion of high school in a country where the language is spoken.
   b. Completion of a college minor in the second language with a minimum grade of “C” for all courses taken in the second language.
   c. Other evidence demonstrating proficiency in a second language may be approved by the program Chair.
3. Prospective students must attend a mandatory information orientation prior to enrollment. Contact the department, 303-360-4731, for dates and times.

Degree Requirements: 61 credits

General Education Requirements: 16 credits

English and Communication
(9 Credits)
ENG 121 English Composition I (GT-CO1) 3
ENG 122 English Composition II (GT-CO2) 3
COM 125 Interpersonal Communication 3
COM 220 Intercultural Communication (GT-SS3) 3

Mathematics
(4 Credits)
MAT 120 Mathematics for Liberal Arts: GT-MA1 4

Translation and Interpretation Course Requirements:
23 credits
Take all courses
TRI 101 Introduction to Translation and Interpretation 3
TRI 103 Code of Ethics 2
TRI 104 Business of Translation and Interpretation 3
TRI 201 Consecutive Interpretation I 3
TRI 202 Simultaneous Interpretation I 3
TRI 203 Sight Translation 3
TRI 204 Consecutive Interpretation II 3
TRI 205 Simultaneous Interpretation II 3

Other Course Requirements: 22 Credits
Take all courses
BIO 106 Basic Anatomy and Physiology 4
BIO 116 Introduction to Human Disease (GT-SC2) 3
CRJ 110 Introduction to Criminal Justice (GT-SS3) 3
CRJ 135 Judicial Function 3
CRJ 205 Principles of Criminal Law 3
HPR 144 Comprehensive Medical Terminology 3
PAR 117 Family Law 3
**Metro State CIS Transfer, A.A.S.**

Degree is designed to prepare students for solving strategic business problems by designing computer based information systems. Workers in this field assist in planning, coordinating, and facilitating the computer related activities of businesses. They help determine both technical and business goals with top management and make detailed plans for the accomplishment of these goals. This requires a strong understanding of both technology and business practices. This degree program is the result of an articulation agreement with Metro State University, which allows students to complete 62 credit hours at CCA, and continue on to Metro for a degree in Computer Information Systems.

Please note: Although a D grade in general education coursework may allow graduation at CCA, the degree may not transfer in whole should the student earn a D in any coursework including general education. Questions, please see your Pathways Advisor.

### Degree Requirements: 60

**General Education Requirements**

**English and Communication**

(9 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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</tr>
<tr>
<td>ENG 122</td>
<td>English Composition II (GT-CO2)</td>
<td>3</td>
</tr>
<tr>
<td>COM 115</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM 125</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Arts and Humanities**

(3 credits)

Select one course

- ART 111  | Art History - Ancient to Medieval (GT-AH1) | 3       |
- HUM 115  | World Mythology (GT-AH2)                   | 3       |
- LIT 205  | Ethnic Literature (GT-AH2)                 | 3       |

**Social and Behavioral Sciences**

(6 credits)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Macroeconomics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics (GT-SS1)</td>
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**Mathematics**

(8 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 121</td>
<td>College Algebra: GT-MA1</td>
<td>4</td>
</tr>
<tr>
<td>MAT 125</td>
<td>Survey of Calculus: GT-MA1</td>
<td>4</td>
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</table>

**Required Program Courses: 18 credits**

**Required Program Courses**

(34 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 121</td>
<td>Accounting Principles I</td>
<td>4</td>
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</tbody>
</table>
Respiratory Therapy, A.A.S.
Teaches the duties, responsibilities and skills associated with the practice of respiratory therapy. Students will learn principles of cardiopulmonary anatomy, physiology, pathophysiology, and care. General education requirements will be taken at CCA and content specific to respiratory therapy will be offered at Pickens Technical College. Students must apply to Pickens Technical College to enter the program after general education requirements are met.

All courses with the prefix RCA must be taken at Pickens Technical College and transferred back to CCA.

Degree Requirements: 78 credits

General Education Requirements: 26 credits

English and Communication (3 credits)
ENG 121 English Composition I (GT-CO1) 3

Mathematics (3-4 credits)
MAT 107 Career Mathematics 3
OR
MAT 121 College Algebra: GT-MA1 4

Social and Behavioral Sciences (3 credits)
PSY 101 General Psychology I (GT-SS3) 3

Natural and Physical Sciences (17 credits)
CHE 101 Introduction to Chemistry I with Lab (GT-SC1) 5
BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
BIO 202 Human Anatomy and Physiology II with Lab (GT-SC1) 4
BIO 204 Microbiology with Lab (GT-SC1) 4

RCA Major Requirements: 52 credits
*PLEASE NOTE: Students must take the RCA classes through Pickens Technical College and have those credits transferred back to CCA.

RCA105 Introduction to Respiratory Care 1
RCA121 Fundamentals of Clinical Care 3
RCA132 Basic Techniques-Respiratory Care II 5
RCA151 Cardiopulmonary Anatomy/Physiology 3
RCA152 Cardiopulmonary Pathology 4
RCA165 Pharmacology-Cardiopulmonary Care 3
RCA230 Critical Care I 2
RCA232 Advanced Monitoring 2
RCA251 Critical Care II 3
RCA252 Cardiopulmonary Diagnostic II 1
RCA253 Perinatal/Pediatric Respiratory Care 3
RCA259 Advanced Mechanical Ventilation 3
RCA281 Internship II 9
RCA283 Internship III 9
RCA289 Capstone Respiratory Care 1

Residency Requirements
CCA’s residency requirement requires that 25 percent of all coursework applicable toward a degree must be credit hours taken at CCA and be 100 level or above. This policy can be found in the Degree and Certificate Policies, item 6 (p. 35). If a student transfers in credits from other institutions that apply towards the general education requirements for the Respiratory Therapy degree which results in the student not being able to meet the CCA residency graduation requirement, a student should choose from the list below to meet the CCA residency graduation requirement. These courses are NOT eligible to be transferred in to CCA as a part of the Respiratory Therapy Program. Please note, these courses do not replace or substitute any of the general education courses listed above. The classes listed below are to meet residency requirements only. Please speak with your Pathway Advisor if you already meet the general education requirements for the degree.

Course Choice
BIO 116 Introduction to Human Disease (GT-SC2) 3
BIO 216 Human Pathophysiology 4
CHE 111 General College Chemistry I with Lab (GT-SC1) 5
CHE 112 General College Chemistry II with Lab (GT-SC1) 5
CHE 211 Organic Chemistry I with Lab 5
CHE 212 Organic Chemistry II with Lab 5
CIS 115 Introduction to Computer Information Systems 3
CIS 118 Introduction to PC Applications 3
COM 125 Interpersonal Communication 3
COM 220 Intercultural Communication (GT-SS3) 3
ETH 200 Introduction to Ethnic Studies (GT-SS3) 3
ETH 215 Discrimination and Diversity (GT-SS3) 3
HPR 104 Health Career Opt & Readiness 1
HPR 144 Comprehensive Medical Terminology 3
HWE 100 Human Nutrition 3
HWE 237 Exercise, Nutrition and Body Composition 3
HWE 245 Physiology of Exercise 3
PSY 235 Human Growth and Development (GT-SS3) 3
SOC 218 Sociology of Diversity (GT-SS3) 3
SPA 111 Spanish Language I 5
Integrated Nursing Pathway, A.G.S.

Integrated Nursing Pathway
The Community College of Aurora and the University of Colorado, College of Nursing offer a unique, integrated pathway to earn a Bachelor of Science in nursing. Students will also earn an Associate of General Science degree from the Community College of Aurora within the program.

Students are selected for the program through an application process. For more information please view the department website at https://www.ccaurora.edu/programs-classes/departments/nursing or call 303-340-7090.

Degree Requirements: 62 credits
Prerequisite Requirements for Integrated Nursing Pathway: 32 credits

English (3 credits)
- ENG 121 English Composition I (GT-CO1) 3

Mathematics (7 credits)
- MAT 121 College Algebra: GT-MA1 4
- MAT 135 Introduction to Statistics: (GT-MA1) 3

Natural and Physical Sciences (13 credits)
- BIO 111 General College Biology I with Lab (GT-SC1) 5
- CHE 101 Introduction to Chemistry I with Lab (GT-SC1) 5
- HWE 100 Human Nutrition 3

Social and Behavioral Sciences (6 credits)
- PSY 101 General Psychology I (GT-SS3) 3
- SOC 101 Introduction to Sociology I (GT-SS3) 3

Arts and Humanities (3 credits)
Select 1 course:

Category I (GT-AH1)
- ART 110 Art Appreciation (GT-AH1) 3
- ART 111 Art History - Ancient to Medieval (GT-AH1) 3
- ART 112 Art History – Renaissance to Modern (GT-AH1) 3
- ART 207 Art History - 1900 to Present (GT-AH1) 3
- MUS 120 Music Appreciation (GT-AH1) 3
- MUS 121 Music History: Medieval through Classical Period (GT-AH1) 3

MUS 122 Music History Early Romantic Period to the Present (GT-AH1) 3
- THE 105 Theatre Appreciation (GT-AH1) 3
- THE 108 Theater Script Analysis (GT-AH1) 3
- THE 211 Development of Theatre Greek-Renaissance (GT-AH1) 3
- THE 212 Development of Theatre Restoration to Modern (GT-AH1) 3
- THE 215 Playwriting (GT-AH1) 3

Category II (GT-AH2)
- HUM 115 World Mythology (GT-AH2) 3
- HUM 121 Humanities: Early Civilizations (GT-AH2) 3
- HUM 122 Humanities: Medieval-Modern (GT-AH2) 3
- HUM 123 The Modern World (GT-AH2) 3
- LIT 115 Introduction to Literature (GT-AH2) 3
- LIT 201 World Literature to 1600 (GT-AH2) 3
- LIT 202 World Literature after 1600 (GT-AH2) 3
- LIT 205 Ethnic Literature (GT-AH2) 3
- LIT 211 American Literature to Civil War (GT-AH2) 3
- LIT 212 American Literature after Civil War (GT-AH2) 3
- LIT 221 British Literature to 1770 (GT-AH2) 3
- LIT 222 British Literature since 1770 (GT-AH2) 3
- LIT 225 Introduction to Shakespeare (GT-AH2) 3
- LIT 246 Literature of Women (GT-AH2) 3
- LIT 255 Children's Literature (GT-AH2) 3
- LIT 259 Survey of African American Literature (GT-AH2) 3

Required Pathway Courses: 30 credits

These courses will be taken once a student has been accepted into the program.
- ANT 250 Medical Anthropology (GT-SS3) 3
- ENG 122 English Composition II (GT-CO2) 3
- BIO 201 Human Anatomy and Physiology I with Lab (GT-SC1) 4
- BIO 202 Human Anatomy and Physiology II with Lab(GT-SC1) 4
- BIO 204 Microbiology with Lab (GT-SC1) 4
- PSY 235 Human Growth and Development (GT-SS3) 3
- HIS 247 20th Century World History (GT-H11) 3
- PHI 112 Ethics (GT-AH3) 3
- NUR 213 Professional Pathway to Nursing 3
Basic Law Enforcement Training Academy Certificate

https://www.ccaurora.edu/ge/police.html

The Colorado Peace Officers Standards and Training (POST) Board certifies the CCA Basic Law Enforcement Training Academy. Individuals desiring this POST course of study must file an application with the Academy Director before registering. Colorado state law requires that students meet specific guidelines prior to admission.

Those seeking to enter the CCA P.O.S.T.-approved Police Academy to be trained and receive state P.O.S.T. certification to be police officers must meet the following minimum qualifications:

1. CANNOT have a felony conviction, or have a conviction, or have been convicted of, or have plead guilty to and received a deferred judgment/sentence to certain Colorado P.O.S.T.-specified misdemeanors including those involving theft, moral turpitude, domestic violence and other crimes against persons. To read and check the Colorado list of disqualifying misdemeanors go to their POST website page: https://coloradopost.gov/node/556. If you have been convicted of any of the listed misdemeanors on the state P.O.S.T. page, including a deferred judgment/sentence, or are currently awaiting trial, or under current investigation for any of these misdemeanors, you cannot apply to the CCA Basic Law Enforcement Academy!

2. CANNOT have been arrested AND convicted, to include a deferred judgment/sentence, for any misdemeanor requiring a trial or appearance before a judge in the past five years to include shoplifting or disturbing the peace, excluding traffic ticket offenses. If you were arrested, but not convicted (to include not receiving a deferred judgment/sentence), you must still discuss the matter with the Academy Director before being allowed to apply for admittance.

3. CANNOT be currently under any form of restraining order.

4. CANNOT have received a Dishonorable Discharge from the Armed Forces. Any other discharge, other than an Honorable Discharge, must be discussed with the Academy Director prior to application.

5. CANNOT have been convicted of a DUI/DWAI offense in the past five years.

6. CANNOT have four or more moving violations in the past two years, or a total of seven or more moving violations in the past five years. CANNOT have more than six points on your driving record at the time of application to the academy. Students admitted to the academy as cadets cannot be cited and have more than six total points on their driving record at any time during the academy or they will face dismissal.

7. CANNOT have more than six points on your driving record at the time of application to the academy. Students admitted to the academy as cadets cannot be cited and have more than six total points on their driving record at any time during the academy or they will face dismissal.

8. CANNOT have had your license suspended for any reason within the past three years. Students admitted to the academy as cadets cannot have more than six points on their driving record during their time at the academy or will face dismissal.

9. CANNOT have used marijuana within the past three years.

10. CANNOT have EVER sold, manufactured, or transported for hire, ANY illegal drugs.

11. CANNOT have used any other illegal drugs to include (used when not under care by a physician who gave a legal prescription to you for use) narcotic, depressant, stimulant, hallucinogen, or steroid drugs in the past 5 years. All candidates MAY be subject to a drug test prior to admittance to the academy.

12. MUST pass the college entrance academic assessment test (check with the Library for times and location) and score high enough to take ENG 121, or show similar proof of equivalent ENG 121-level abilities through English reading and writing proficiencies demonstrated by a transcript of relevant completed college-level English courses with a “C” grade or higher.

13. MUST be in good physical AND emotional condition, AND pass a medical exam you obtain on your own from a physician within 6 months of the academy start date. The exam must document you have no physical limitations, or pre-existing injuries, communicable, physical, or emotional conditions that you are not currently under care for under the ADA between you and your attending physician and you, that may be aggravated by the physical and high stress demands of the academy classroom and skills training. AND you must not currently be on medication that will cause safety concerns during driving, firearms, or arrest control instruction as indicated by the pharmaceutical contraindications of said medication. NOTE: We do not issue medical release or exam forms for the physical exam. Your doctor has to write out a statement attesting to the requests stated above that to the best of their knowledge, and from the exam results, you appear to be in good physical and emotional condition and appear to be able to engage in strenuous physical exercise and training and handle the emotional rigors of an intense law enforcement academy paramilitary environment.

14. MUST be at least 21 years of age to apply to attend the academy. Certain other conditions apply. For more information call the Academy Program Director at 303-880-2088, or send an email with your questions to: michael.carter@ccaurora.edu

Graduates of the Aurora Police Academy and the Basic Law Enforcement Training Academy will receive credit for the following courses:

Certificate Core Requirements: 39 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>LEA 101</td>
<td>Basic Police Academy I</td>
<td>6</td>
</tr>
<tr>
<td>LEA 102</td>
<td>Basic Police Academy II</td>
<td>12</td>
</tr>
<tr>
<td>LEA 105</td>
<td>Basic Law</td>
<td>8</td>
</tr>
<tr>
<td>LEA 106</td>
<td>Arrest Control Techniques</td>
<td>3</td>
</tr>
<tr>
<td>LEA 107</td>
<td>Law Enforcement Driving</td>
<td>3</td>
</tr>
<tr>
<td>LEA 108</td>
<td>Firearms</td>
<td>3</td>
</tr>
<tr>
<td>EMS 115</td>
<td>Emergency Medical Responder</td>
<td>3</td>
</tr>
<tr>
<td>PED 112</td>
<td>Fitness Center Activity III</td>
<td>1</td>
</tr>
</tbody>
</table>

Business Certificate: Bookkeeping

The Business Department’s Full Charge Bookkeeping Certificate introduces the knowledge you need to understand the basics of financial accounting, and how to use accounting software to record business transactions. You will learn about basic accounting principles, document accounting transactions, and process payroll. If you are currently in the business world, or are looking to transitioning into business, this certificate will provide you with a foundation in accounting. Whether you want to advance in your career or move in a new direction, the Community College of Aurora can provide you with the courses to help you develop as a business professional.
Business Certificate: Entrepreneurial Launch Certificate

The Entrepreneurial Launch Certificate is a credit-bearing program that is designed to help individuals launch their own business. This certificate will build on the student’s existing technical or industry related skills to assist them in designing and launching a successful small business. Students will take courses in developing an entrepreneurial mindset, conducting a feasibility study, writing a business plan, and small business consulting. This program also includes courses that feature one-on-one mentoring and coaching with other small business professionals.

Upon completion of the certificate, students will have the opportunity to enroll in an independent study path where they will launch their business and generate initial revenue within CCA’s business incubator on campus. After spending up to a year in the business incubator, students will transfer to the care of the local Small Business Development Center (SBDC) in order to continue to grow their business within the community.

Required Courses

Entrepreneurial Launch Certificate: 16 credits

- ENP 105 Intro to Entrepreneurship 3
- ENP 106 E-ship Opp. Feasibility Study 3
- ENP 209 Entrepreneurship Business Plan 3
- MAN 288 Practicum 3
- SBM 285 Independent Study 3

Business Certificate: Entrepreneurial Studies Certificate

The Entrepreneurial Studies Certificate is a credit-bearing program designed to fit within the AA Core degree. Completion of this degree will provide students with the option to transfer to a public, four-year institution. Students pursuing the Entrepreneurial Studies Certificate are doing so because they have ideas on possibly launching their own small business in the future, but would like to complete a Bachelor’s degree prior to launching. Entrepreneurial Studies students, if they discover they have a viable business option as they complete their time at CCA, may switch over to the Entrepreneurial Launch certificate and start-up immediately while still being a student at CCA.

Students will explore intermediate and advanced entrepreneurial theory and research similar to that found within the Entrepreneurial Launch certificate but will not complete the incubator component of the program. Upon completion of this certificate, and the remaining AA Core requirements, student have the option to transfer to a public, four-year college with the intent to complete their Bachelor’s degree. A natural fit for these students would be to pursue a Bachelor’s degree in a business-related field at the four-year level; however, the Entrepreneurial Studies certificate will complement many other degrees that are offered at four-year institutions.

Required Courses

Entrepreneurial Studies Certificate: 18 credits

- ENP 105 Intro to Entrepreneurship 3
- ENP 106 E-ship Opp. Feasibility Study 3
- ENP 206 Entrepreneurship Legal Issues 3
- ENP 207 Entrepreneurship Financial Topics 3
- ENP 209 Entrepreneurship Business Plan 3
- MAN 288 Practicum 3

Business Certificate: General Business

The Business Department’s General Business Certificate introduces the fundamental concepts and practices of businesses to develop a practical understanding of business information. Whether you are starting a new business or are a professional seeking to grow your career with greater business responsibilities, this certificate will provide you with the concepts, knowledge and skills that can be used when you encounter challenges in the business world. By earning this certificate, you will gain knowledge, skills, and the ability to think critically.

With this certificate small business owners, non-business majors and career changers are prepared to develop a new understanding of the business environment. You will be equipped to provide greater value to your business or organization by providing additional understanding of business transactions, developing professional relationships through enhanced communication, and identifying key figures that will guide you to understanding your business. Whether you want to advance in your career or move in a new direction, the Community College of Aurora can help you grow as a business professional.

General Business Certificate: 20 credits

- ACC 121 Accounting Principles I 4
- ACC 122 Accounting Principles II 4
- BUS 115 Introduction to Business 3
- BUS 216 Legal Environment of Business 3
- BUS 217 Business Communication and Report Writing 3
- BUS 226 Business Statistics 3


The Business Department’s Human Resources Certificate introduces the knowledge you need to develop effective practices for an ever-changing, complex workplace. You will gain additional understanding of management practices while learning current HR methods, and understand how social, business, regulatory and technical issues influence the work of the HR department. The courses incorporate materials and techniques used by current HR professionals, giving you skills you can use immediately. Whether you want to advance in your career or move in a new direction, the Community College of Aurora can help you grow as an HR professional.
Human Resource Management Certificate: 18 credits

- BUS 115 Introduction to Business 3
- BUS 216 Legal Environment of Business 3
- BUS 217 Business Communication and Report Writing 3
- MAN 156 Problem Solving-Business Environment 3
- MAN 200 Human Resources Management I 3
- MAN 201 Human Resources Management II 3

Business Certificate: Real Estate

The Business Department’s Real Estate Certificate introduces the knowledge you need to understand the real estate business, and the knowledge to become a real estate broker. Classes provide information on real estate law and practice, practical application, and current legal issues related to the field. You will obtain the education required to earn your Colorado Real Estate Broker’s License. If you are currently in the business world, or are looking to transitioning into business, this certificate will provide you with a foundation in real estate law. Whether you want to advance in your career or move in a new direction, the Community College of Aurora can provide you with the courses to help you develop as a business professional.

Real Estate Certificate Requirements: 12 credits

- REE 201 Real Estate Broker I 6
- REE 202 Real Estate Broker II 6

Computer: Basic Networking and Security Certificate

This certificate program prepares students with general entry level skills and knowledge requisite to establish and monitor local area networks. Through this certificate, the students have the opportunity to obtain the skills necessary to test for the industry certifications of Security + and the Network +. The CCA Basic Networking and Security certificate provides students with a skill set sought by employers hiring entry level technicians.

Certificate Requirements: 20 credits

- CIS 128 Intro to Operating Systems 3
- CIS 203 Technology for Career Success 2
- CNG 101 Network Fundamentals 3
- CNG 124 Networking: Network + 3
- CNG 131 Principles of Information Assurance 3
- CNG 132 Network Security Fundamentals 3
- CNG 142 Intro to Cloud Computing 3

Subtotal: 20

Computer: CISCO Certificate

This certificate program prepares students with the entry level skills and knowledge requisite to work on networks in a CISCO environment. Through this certificate, students have the opportunity to obtain the skills necessary to test for the CISCO CCNA industry certification. In addition, the courses are part of the CCA Networking and Security AAS degree. The CISCO program provides students with a skill set sought by employers hiring network engineer technicians.

Certificate Requirements: 20 credits

- CNG 260 CISCO Network Associate I 5
- CNG 261 CISCO Network Associate II 5
- CNG 262 CISCO Network Associate III 5
- CNG 263 CISCO Network Associate IV 5

Computer: Creative Tools Certificate

This certificate provides advanced training in creative technology tools used for graphic design, and development of web pages, documents, marketing materials and used by graphic designers.

Certificate Requirements: 18 credits

- CIS 115 Introduction to Computer Information Systems 3
- MGD 111 Adobe Photoshop I 3
- MGD 112 Adobe Illustrator I 3
- MGD 114 Adobe InDesign 3
- MGD 141 Web Design I 3
- MGD 143 Motion Graphic Design I (Software) 3

Computer: IT Tech and Support Certificate

This certificate program prepares students as entry-level computer specialists. Students will be able to configure and repair personal computers and peripherals as well as gain a basic understanding of networking concepts. This certificate provides students with the opportunity to learn the skills needed to test for the A+ industry certification. This certificate may also lead to the AAS CIS – IT Tech and Support CCA degree.

This certificate is offered in both traditional and in an accelerated pace format. In the accelerated pace format, credits can be earned through prior learning assessment and evidence of competency achievement.

Certificate Requirements: 22 credits

- CIS 115 Introduction to Computer Information Systems 3
- CIS 128 Intro to Operating Systems 3
- CIS 202 Automated Project Management: MS Project 3
- CIS 203 Technology for Career Success 2
- CIS 263 PC Help Desk Skills 3
- CNG 121 Computer Technician I A+ 4
- CNG 122 Computer Technician II A+ 4
Computer: Office Administration

Certificate

This certificate prepares students for entry level office support positions. Upon completion of this certificate, students will have learned the skills and have the option to take the Microsoft Office Specialist Master Certification in Microsoft Word, Excel, Access and PowerPoint.

Certificate Requirements: 30 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 115</td>
<td>Introduction to Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 118</td>
<td>Introduction to PC Applications</td>
<td>3</td>
</tr>
<tr>
<td>CIS 128</td>
<td>Intro to Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 135</td>
<td>Complete PC Word Processing (Word)</td>
<td>3</td>
</tr>
<tr>
<td>CIS 145</td>
<td>Introduction to Desktop Database</td>
<td>3</td>
</tr>
<tr>
<td>CIS 155</td>
<td>PC Spreadsheet Concepts (Excel)</td>
<td>3</td>
</tr>
<tr>
<td>CIS 165</td>
<td>Complete Presentation Graphics (Power Point)</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>BTE 225</td>
<td>Office Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Computer: PC Application Specialist Certificate

This certificate prepares students for entry level office or light support positions in application software. Upon completion of this certificate, students will have learned the skills and have the option to take the Microsoft Office Specialist Master Certification in Microsoft Word, Excel, Access and PowerPoint.

Certificate Requirements: 24 credits

<table>
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<tr>
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</thead>
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<td>Introduction to Computer Information Systems</td>
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<td>Introduction to PC Applications</td>
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<td>CIS 155</td>
<td>PC Spreadsheet Concepts (Excel)</td>
<td>3</td>
</tr>
<tr>
<td>CIS 165</td>
<td>Complete Presentation Graphics (Power Point)</td>
<td>3</td>
</tr>
<tr>
<td>MGD 114</td>
<td>Adobe InDesign</td>
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</tr>
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</table>

Construction Estimating Certificate: 16 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEC 107</td>
<td>Print Reading Residential/Commercial</td>
<td>3</td>
</tr>
<tr>
<td>AEC 121</td>
<td>Construction Materials and Systems</td>
<td>3</td>
</tr>
<tr>
<td>AEC 216</td>
<td>Estimating I</td>
<td>3</td>
</tr>
<tr>
<td>AEC 231</td>
<td>Estimating II: Cost Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BUS 217</td>
<td>Business Communication and Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>OSH 127</td>
<td>10 HR Construction Industry Standards</td>
<td>1</td>
</tr>
</tbody>
</table>

Construction Certificate: Construction Superintendent

This certificate prepares students for management and leadership roles in residential or commercial construction projects. Demand for professionals skilled at supervision and labor/material deployment, and versed in blueprint reading, residential and commercial industry code is projected to remain strong through 2023 and beyond.

Construction Superintendent Certificate: 18 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEC 107</td>
<td>Print Reading Residential/Commercial</td>
<td>3</td>
</tr>
<tr>
<td>AEC 121</td>
<td>Construction Materials and Systems</td>
<td>3</td>
</tr>
<tr>
<td>AEC 226</td>
<td>Construction Scheduling</td>
<td>3</td>
</tr>
<tr>
<td>AEC 236</td>
<td>International Building Codes</td>
<td>3</td>
</tr>
<tr>
<td>MAN 116</td>
<td>Principles of Supervision</td>
<td>3</td>
</tr>
<tr>
<td>OSH 126</td>
<td>30 HR Construction Industry Standards</td>
<td>3</td>
</tr>
</tbody>
</table>

Early Childhood Education - Director Certificate

The Director Certificate is based on the Colorado Department of Human Services, Division of Child Care, and Colorado Community College and Occupational Education System Early Childhood Education requirements for directors of child care centers. Students must complete 33 credits of Childhood Education courses to satisfy the academic requirement. The Division of Child Care also requires 3,640 hours (24 months) of experience working directly with children under first grade in a child development program.

Certificate Requirements: 33 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 101</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 102</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 103</td>
<td>Guidance Strategies for young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 111</td>
<td>Infant and Toddler Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ECE 205</td>
<td>ECE Nutrition, Health, and Safety</td>
<td>3</td>
</tr>
<tr>
<td>ECE 220</td>
<td>Curriculum Development: Methods and Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ECE 238</td>
<td>ECE Child Growth &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 240</td>
<td>Administration of Early Childhood Care and Education Programs</td>
<td>3</td>
</tr>
</tbody>
</table>
Early Childhood Education - Early Childhood Entry Certificate

Student must complete 6 credit hours of required ECE courses to satisfy the CCA academic requirements. The Division of Child Care requires 6-24 months of verified experience in the care and supervision of four (4) or more children under six (6) years of age who are not related to the individual.

Certificate Requirements: 6 credits

<table>
<thead>
<tr>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECE 101</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 103</td>
<td>Guidance Strategies for young Children</td>
<td>3</td>
</tr>
</tbody>
</table>

Early Childhood Education - Early Childhood Infant/Toddler Supervisor Certificate

This program prepares students for infant nursery positions in early childhood care and education settings. In addition to the academic requirements, the Colorado Department of Human Services requires 12 months (1,820 hours) of verifiable work experience working with infants and/or toddlers.

Certificate Requirements: 18 credits

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>ECE 101</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 103</td>
<td>Guidance Strategies for young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 111</td>
<td>Infant and Toddler Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ECE 112</td>
<td>Intro to Infant/Toddler Lab Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ECE 238</td>
<td>ECE Child Growth &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 256</td>
<td>Working with Parents, Families, and Community Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Early Childhood Education - Early Childhood Teacher Certificate

This program is designed to prepare students to work with young children in environments that support a child's individual physical, cognitive, and social-emotional development, by offering students an understanding of programs and curricula appropriate for young children. By completing this program students will be prepared to work in numerous early childhood care and education settings as a qualified early childhood teacher (CDHS 7.703.44). In addition to the academic requirements, the Colorado Department of Human Services requires nine months (1,395 hours) of verifiable work experience.

Certificate Requirements: 21 credits

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>ECE 101</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 102</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Emergency Medical Technician-Basic Certificate

The Emergency Medical Provider (EMP) program is designed for students seeking careers in emergency medicine. This program provides students with the knowledge and skills required to function within the Emergency Medical Services System. Courses progress from EMT to Paramedic. All programs meet or exceed the Colorado Department of Public Health and Environment requirements for certification eligibility. All EMS courses must be taken as an emphasis block of instruction as indicated below.

Certificate Requirements: 12 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 121</td>
<td>EMT Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>EMS 122</td>
<td>EMT Medical Emergencies</td>
<td>4</td>
</tr>
<tr>
<td>EMS 123</td>
<td>EMT Trauma Emergencies</td>
<td>2</td>
</tr>
<tr>
<td>EMS 124</td>
<td>EMT Special Considerations</td>
<td>2</td>
</tr>
<tr>
<td>EMS 170</td>
<td>EMT-Clinical</td>
<td>1</td>
</tr>
</tbody>
</table>

Contact the EMS Dept. for information at 303-340-7070 or cindy.smith@ccaurora.edu

Emergency Medical Technician-Paramedic Certificate

The Emergency Medical Provider (EMP) program is designed for students seeking careers in emergency medicine. This program provides students with the knowledge and skills required to function within the Emergency Medical Services System. Courses progress from EMT to Paramedic. All programs meet or exceed the Colorado Department of Public Health and Environment requirements for certification eligibility. All EMS courses must be taken as an emphasis block of instruction as indicated below.

Students must be EMT certified from another institution, or complete EMS 121, EMS 122, and EMS 123, EMS 124 and EMS 170 and earn the EMT Emphasis Certificate at CCA. Enrollment in Paramedic level courses require Colorado EMT IV, CPR certifications and BIO 106.

The Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
1361 Park Street
Clearwater, FL 33756
727-210-2350
www.caahep.org

To contact CoAEMSP:
Certificate Requirements: 45 credits

EMS 225 Fundamentals of Paramedic Practice 3
EMS 226 Fundamentals of Paramedic Practice - Lab 2
EMS 227 Paramedic Special Considerations 3
EMS 228 Paramedic Special Considerations - Lab 2
EMS 229 Paramedic Pharmacology 3
EMS 230 Paramedic Pharmacology - Lab 2
EMS 231 Paramedic Cardiology 5
EMS 232 Paramedic Cardiology - Lab 1
EMS 233 Paramedic Medical Emergencies 4
EMS 234 Paramedic Medical Emergencies - Lab 1
EMS 235 Paramedic Trauma Emergencies 4
EMS 236 Paramedic Trauma Emergencies - Lab 1
EMS 237 Paramedic Internship Preparatory 2
EMS 280 Paramedic Internship I 6
EMS 281 Paramedic Internship II 6

Film Video Media: Acting/Directing for the Screen Certificate

In this selective entry certificate program, students will explore many tools for honing and enriching their craft. It is the mission of the Acting faculty at Colorado Film School to help actors discover their full potential as professionals, as well as help them develop strength and creativity as individuals. This mission is integrated into the Acting / Directing program for the school. The approach of the acting faculty at CFS encourages students to discover each character within themselves, bringing honesty and specificity to each moment. The program also focuses on Boulgakova’s techniques that train actors to emerge from each character safely and to work as strong members of any ensemble. Students who complete the program will understand the Stanislavski system and techniques, they’ll understand how film works, and they’ll have a professional acting portfolio to begin auditioning in the industry. They’ll be equipped to work on any film or television set in the world.

Certificate Requirements: 48 credits

General Education: 3 credits

English
ENG 121 English Composition I (GT-CO1) 3

Film Video Media Core: 15 credits

FVM 105 Video Production I 3
FVM 117 Understanding the Actor’s Process 3
FVM 136 Short Script Analysis 3
FVM 150 Development of Film Expression 3

Acting for the Screen: 30 credits

FVM 118 Screen Actor Improvisation 3
FVM 155 Writing the Short Script 3
FVM 200 Video Production II 3
FVM 207 Directing Workshop 3
FVM 211 Studio Recording for Voice 3
FVM 217 Acting for the Screen 3
FVM 218 Screen Actor Movement/Action I 3
FVM 228 Screen Actor Movement/Action II 3
FVM 251 Feature Script Analysis 3
FVM 222 Writing the Web Series 3
OR
FVM 243 Writing for Interactive Games 3

Film Video Media: Cinematography/Videography Certificate

In this selective entry certificate program, Cinematography majors are taught to visualize a movie while working with the Director and Art Department provoke an emotional response of the audience - the essence of why people go to see films. At CFS you will get your hands on a wide variety of cameras including motion picture film and the Red 4K camera system. By working with other disciplines, a Cinematography major explores a wide range of filmmaking gaining skills in dramatic narrative, documentary filmmaking and the latest in green-screen effects photography.

Certificate Requirements: 48 credits

General Education: 3 credits

English
ENG 121 English Composition I (GT-CO1) 3

Film Video Media Core: 15 credits

FVM 105 Video Production I 3
FVM 117 Understanding the Actor’s Process 3
FVM 136 Short Script Analysis 3
FVM 150 Development of Film Expression 3
FVM 160 Video Post-Production I 3

Cinematography Videography Emphasis: 30 credits

FVM 153 Introduction to Film Production 3
FVM 185 The Documentary Film 3
FVM 200 Video Production II 3
FVM 205 Camera Techniques 3
FVM 206 Film/Video Lighting 3
Certificates

FVM 213  Cinematography  3
FVM 220  16MM/HD Production  3
FVM 221  Commercial Media Production  3
FVM 223  Color Grading  3
FVM 273  Professional Documentary Production  3

Film Video Media: Post-Production Certificate

This selective entry certificate program helps prepare students to become great editors that find work. Traditionally, we teach the very latest in Final Cut editing software. We also work with Avid, Motion and Color, and train our students in Sound Design, Color Correction, DVD Authoring, Animation, Photoshop, Maya and Nuke through a variety of specialized programs. Most importantly we give our editors the skills to adapt in the fast-paced, ever changing world of media.

Certificate Requirements: 48 credits

General Education: 3 credits

English
ENG 121  English Composition I (GT-CO1)  3

Film Video Media Core: 15 credits

FVM 105  Video Production I  3
FVM 117  Understanding the Actor’s Process  3
FVM 136  Short Script Analysis  3
FVM 150  Development of Film Expression  3
FVM 160  Video Post-Production I  3

Post-Production Emphasis: 30 credits

FVM 163  Digital Editing: Premiere  3
FVM 164  Digital Editing: Final Cut Pro  3
FVM 165  Digital Editing: Avid  3
FVM 200  Video Production II  3
FVM 208  Sound for Film/Video  3
FVM 215  Post-Production II  3
FVM 223  Color Grading
   OR
FVM 263  Digital Compositing
   OR
FVM 267  Editing Aesthetics

FVM 248  Post-Production Sound  3
FVM 264  Digital Effects  3
FVM 287  Internship  3

Film Video Media: Screenwriting Certificate

In this selective entry certificate program, Screenwriting majors create short film scripts that they can market to producers and directors through TheiaSys as well as TV pilots, web series, TV spec scripts and features are created in focused courses that stress process, structure and character development. At CFS, story is king, so our most talented writers have a strong fan base. A CFS Screenwriting major can graduate with a treasure trove of scripts to market to series and feature producers and financiers.

Certificate Requirements: 48 credits

General Education: 3 credits

English
ENG 121  English Composition I (GT-CO1)  3

Film Video Media Core: 15 credits

FVM 105  Video Production I  3
FVM 117  Understanding the Actor’s Process  3
FVM 136  Short Script Analysis  3
FVM 150  Development of Film Expression  3
FVM 160  Video Post-Production I  3

Screenwriting Emphasis: 30 credits

Choose any one from the list below (FVM 181 - FVM 188):

FVM 181  Topics in Film Studies  3
FVM 183  Italian Neo-Realism and French New Wave Cinema  3
FVM 184  Landmarks of Cinema  3
FVM 185  The Documentary Film  3
FVM 186  The Horror Film  3
FVM 187  The Science Fiction Film  3
FVM 188  The Comedy Film  3
FVM 118  Screen Actor Improvisation  3
FVM 155  Writing the Short Script  3
FVM 202  Film/Video Business
   OR
FVM 216  Producing the Independent Film  3
FVM 236  Creative Producing  3
FVM 222  Writing the Web Series
   OR
FVM 232  Writing the TV Pilot
   OR
FVM 242  Writing the TV Spec Script
   OR
### Film Video Media: Writing/Directing Certificate

The selective entry Writing / Directing certificate program is designed to provide students with the storytelling skills that are essential to media content creation. Writing / Directing majors focus on scriptwriting, preproduction, eliciting actor performances, production with crews, and postproduction. Students should graduate from our rigorous program with a completed teleplay, feature screenplay, and a reel of professional quality videos, ready to work in the creative economy sector in broadcast, feature film, webcast, or any of the evolving media creation formats.

**Certificate Requirements:** 48 credits

#### General Education: 3 credits

**English**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
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</tbody>
</table>

#### Film Video Media Core: 15 credits

<table>
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<tr>
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<th>Description</th>
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<tr>
<td>FVM 117</td>
<td>Understanding the Actor's Process</td>
<td>3</td>
</tr>
<tr>
<td>FVM 136</td>
<td>Short Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FVM 150</td>
<td>Development of Film Expression</td>
<td>3</td>
</tr>
<tr>
<td>FVM 160</td>
<td>Video Post-Production I</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Writing/Directing Emphasis: 30 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVM 118</td>
<td>Screen Actor Improvisation</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FVM 206</td>
<td>Film/Video Lighting</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FVM 217</td>
<td>Acting for the Screen</td>
<td>3</td>
</tr>
<tr>
<td>FVM 155</td>
<td>Writing the Short Script</td>
<td>3</td>
</tr>
<tr>
<td>FVM 200</td>
<td>Video Production II</td>
<td>3</td>
</tr>
<tr>
<td>FVM 202</td>
<td>Film/Video Business</td>
<td>3</td>
</tr>
<tr>
<td>FVM 209</td>
<td>Production Management</td>
<td>3</td>
</tr>
<tr>
<td>FVM 216</td>
<td>Producing the Independent Film</td>
<td>3</td>
</tr>
<tr>
<td>FVM 220</td>
<td>16MM/HD Production</td>
<td>3</td>
</tr>
<tr>
<td>FVM 236</td>
<td>Creative Producing</td>
<td>3</td>
</tr>
<tr>
<td>FVM 251</td>
<td>Feature Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FVM 222</td>
<td>Writing the Web Series</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FVM 232</td>
<td>Writing the TV Pilot</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FVM 242</td>
<td>Writing the TV Spec Script</td>
<td>3</td>
</tr>
</tbody>
</table>

### Film Video Media: Writing/Producing Certificate

In this selective entry certificate program, it all starts with imagination, ideas and the script. Creative producers and screenwriters learn to analyze and write screenplays by understanding character, structure and narrative story elements. Then assemble and collaborate with key creative artists to form a combined vision through a project’s development, pre-production, production and post-production. Filmmakers will perfect both the creative and business aspects of filmmaking by enhancing and developing artistic proficiency and judgment and becoming immersed in a solid background of the entertainment industry.

**Certificate Requirements:** 48 credits

#### General Education: 3 credits

**English**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 121</td>
<td>English Composition I (GT-CO1)</td>
<td>3</td>
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</table>

#### Film Video Media Core: 15 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVM 105</td>
<td>Video Production I</td>
<td>3</td>
</tr>
<tr>
<td>FVM 117</td>
<td>Understanding the Actor's Process</td>
<td>3</td>
</tr>
<tr>
<td>FVM 136</td>
<td>Short Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FVM 150</td>
<td>Development of Film Expression</td>
<td>3</td>
</tr>
<tr>
<td>FVM 160</td>
<td>Video Post-Production I</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Writing/Producing Emphasis: 30 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>FVM 155</td>
<td>Writing the Short Script</td>
<td>3</td>
</tr>
<tr>
<td>FVM 200</td>
<td>Video Production II</td>
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</tr>
<tr>
<td>FVM 202</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>FVM 242</td>
<td>Writing the TV Spec Script</td>
<td>3</td>
</tr>
</tbody>
</table>
Certificates

OR

FVM 243 Writing for Interactive Games 3

FVM 273 Professional Documentary Production 3

OR

FVM 287 Internship 3

Financial Services: Banking Essentials Certificate

Banks and credit unions are in need of entry-level banking professionals. This program will prepare you to work in entry-level positions as a teller. You will learn the role of savings institutions in the financial services industry and how to process cash payments. You will also learn basic workplace skills and customer service.

Financial Services: Banking Essentials Certificate: 16 Credits

BTE 108 Ten-Key by Touch 1
BUS 121 Basic Workplace Skills 1
BUS 217 Business Communication and Report Writing 3
FIN 105 Principles of Banking 3
FIN 115 Retail Banking 2
FIN 125 Teller Training 1
FIN 255 Selling Bank Products 2
MAR 160 Customer Service 3

Financial Services: Supervision Fundamentals Certificate

This program will prepare you for intermediate-level positions in the financial services industry. Example job titles include lead teller, product/sales consultant, or supervisor/manager. You will learn skills in analysis and management to fill mid-level positions in the industry.

Financial Services: Supervision Fundamentals Certificate: 16 Credits

ACC 121 Accounting Principles I 4
CIS 155 PC Spreadsheet Concepts (Excel) 3
MAN 116 Principles of Supervision 3
MAN 215 Organizational Behavior 3

MAN 225 Managerial Finance 3

Fire Science Technology Certificate

This selective entry certificate program is designed for students that are about to enter the fire service career field. It is also for someone who is already employed in fire service and is seeking advanced opportunities. Please note you must first apply to CCA and then contact the FST program or an advisor for next steps.

Certificate Requirements: 31 credits

FST 100 Firefighter I 9
FST 102 Principles/Emergency Services 3
FST 109 Occupational Safety and Health for Fire 3
FST 209 Fire Protection Systems 3
FST 105 Building Construction for Fire Protection 3
FST 106 Fire Prevention 3
FST 107 Hazardous Materials Operations (Level I) 3
FST 170 Clinical I 1
FST 253 NIMS 3

Fundamentals of Fire Science Certificate

This selective entry certificate program is designed for students to take the Colorado Firefighter I (CO. FFI) certification test. The CO. FFI certification is required by some fire departments for application and is recognized by others in their job interview process. Please note you must first apply to CCA and then contact the FST program or an advisor for next steps.

Certificate Requirements: 17 credits

FST 100 Firefighter I 9
FST 102 Principles/Emergency Services 3
FST 107 Hazardous Materials Operations (Level I) 3
FST 170 Clinical I 1
PED 110 Fitness Center Activity I 1

Health Care: Nurse Aide Certificate

This certificate program is designed to teach the student to perform the fundamental skills of the nurse assistant. Basic nursing skills, restorative services, personal care skills, safety and emergency care issues will be covered in the theory and lab. Students will have the opportunity to practice these skills in a work environment through clinical coursework. The student will also assist patients to meet emotional needs and to ensure patient rights. This program will prepare the graduate for the National Nurse Aide Assessment Program for State Certification.
Health Care: Patient Representative Certificate
The Patient Representative (PR) Certificate program provides graduates with a foundation in healthcare navigation and allows them to access good entry level jobs in call centers, dispatch centers, and other areas where familiarity and comfort in working in healthcare administration and navigation is required. The program will assist students in gaining employment after a relatively short period of education.

Patient Representative Certificate Requirements: 17 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPR 101</td>
<td>Customer Service in Health Care</td>
<td>2</td>
</tr>
<tr>
<td>HPR 106</td>
<td>Law &amp; Ethics for Health Professionals</td>
<td>2</td>
</tr>
<tr>
<td>HPR 112</td>
<td>Phlebotomy</td>
<td>4</td>
</tr>
<tr>
<td>HPR 119</td>
<td>Computers in Health Care</td>
<td>2</td>
</tr>
<tr>
<td>HPR 144</td>
<td>Comprehensive Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HPR 180</td>
<td>Internship (Phlebotomy)</td>
<td>3</td>
</tr>
<tr>
<td>NUA 101</td>
<td>Certified Nurse Aide Health Care Skills</td>
<td>4</td>
</tr>
<tr>
<td>NUA 170</td>
<td>Nurse Aide Clinical Experience</td>
<td>1</td>
</tr>
</tbody>
</table>

Health Care: Patient Care Technician Certificate
The Patient Care Technician (PCT) Certificate program is designed to prepare students to work in a variety of health care environments. Students gain technical expertise to provide effective clinical assistance to patients. The PCT program prepares a student to work as an entry-level patient care technician in a clinic, hospital, nursing home or long-term care facility. Students will learn how to perform basic laboratory procedures, check vital signs, assist in medical examinations, and perform phlebotomy procedures.

This program is a combination of lecture and practical exercises in a simulation laboratory and in actual clinical settings. Upon successful completion of this program, the student is eligible to take the State of Colorado Nurse’s Aide Certification exam as well as national certification exams for Phlebotomy and Patient Care Technician. All courses must be completed to obtain the PCT Certificate.

Students will be required to complete and pass a criminal background check, drug screen and provide proof of immunizations prior to starting internships/clinical experiences. Students unable to complete these requirements will not be able to begin the program.

Patient Care Technician Requirements: 21 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HPR 101</td>
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<tr>
<td>HPR 106</td>
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<td>HPR 112</td>
<td>Phlebotomy</td>
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<td>HPR 119</td>
<td>Computers in Health Care</td>
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<td>NUA 101</td>
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</tr>
<tr>
<td>NUA 170</td>
<td>Nurse Aide Clinical Experience</td>
<td>1</td>
</tr>
</tbody>
</table>

Health Care: Phlebotomy Certificate
Teaches the duties, responsibilities and skills associated with the practice of venipuncture, capillary puncture, and special collection procedures. Students will have hands on experience with blood specimen collection and processing, as well as a thorough knowledge of quality control, infection control and safety procedures. This program includes a lecture/lab combination that teaches theory and direct application of theoretic content, as well as clinical opportunities for students to master learned skills. Upon successful completion, students may qualify to sit for a national certification exam through ASCP (American Society of Clinical Pathologists).

Students will be required to complete and pass a criminal background check, drug screen and provide proof of immunizations prior to starting internships/clinical experiences. Students unable to complete these requirements will not be able to begin the program.

Required Courses:

Certificate Requirements: 7 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPR 112</td>
<td>Phlebotomy</td>
<td>4</td>
</tr>
<tr>
<td>HPR 180</td>
<td>Internship (Phlebotomy)</td>
<td>3</td>
</tr>
</tbody>
</table>

Logistics Certificate: Inventory Management
This program will prepare you to work in the area of inventory management. A few job title examples are demand planner, inventory control analyst, and inventory business operator. You will learn inventory tracking and scheduling, inventory reporting, real-time product positioning, process controls, and inventory software. Upon completion you will know MS Excel, customer service, problem solving, recognizing changes to demand flow, and anticipating inventory needs. The cost of this program includes industry exams. Three SCPro industry certification exams in Customer Service Operations, Inventory Management, and Demand Planning are included.

Logistics Certificate: Inventory Management: 16 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTE 125</td>
<td>Records Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 201</td>
<td>Business Logistics Optimization</td>
<td>3</td>
</tr>
<tr>
<td>CIS 155</td>
<td>PC Spreadsheet Concepts (Excel)</td>
<td>3</td>
</tr>
<tr>
<td>COM 268</td>
<td>Problem-Solving</td>
<td>1</td>
</tr>
<tr>
<td>MAR 160</td>
<td>Customer Service</td>
<td>3</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Career Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

Logistics Certificate: Purchasing and Procurement
This program will prepare you to work in the area of purchasing and procurement. A few job title examples are purchasing agent, contracts manager, buying agent, and government procurement officer. You will learn contract writing, planning and forecasting purchases, preparing
purchase orders, maintaining records, and negotiation techniques. Upon completion you will know MS Excel, customer service, problem solving, bid writing, and legal aspects of the field. The cost of this program includes industry exams. Two SCPro industry certification exams in Customer Service Operations and Supply Management & Procurement are included.

**Logistics Certificate: Purchasing and Procurement: 16 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 202</td>
<td>Business Purchasing, Supply, and Sourcing Logistics</td>
<td>3</td>
</tr>
<tr>
<td>CIS 155</td>
<td>PC Spreadsheet Concepts (Excel)</td>
<td>3</td>
</tr>
<tr>
<td>COM 268</td>
<td>Problem-Solving</td>
<td>1</td>
</tr>
<tr>
<td>MAN 225</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>MAR 160</td>
<td>Customer Service</td>
<td>3</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Career Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Logistics Certificate: Warehouse Operations**

This program will prepare you to work in warehouse operations. A few job title examples are warehouse operator, floor manager, and logistics technician. You will learn warehouse functions, logistics management, process controls, and inventory tracking. Upon completion you will know MS Excel, customer service, problem solving, and recognizing efficiencies. The cost of this program includes industry exams. Three SCPro industry certification exams in Customer Service Operations, Transportation Operations, and Warehouse Operations are included.

**Logistics Certificate: Warehouse Operations: 16 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 155</td>
<td>PC Spreadsheet Concepts (Excel)</td>
<td>3</td>
</tr>
<tr>
<td>COM 266</td>
<td>Decision Making</td>
<td>1</td>
</tr>
<tr>
<td>COM 268</td>
<td>Problem-Solving</td>
<td>1</td>
</tr>
<tr>
<td>MAN 105</td>
<td>Logistics Management</td>
<td>3</td>
</tr>
<tr>
<td>MAN 168</td>
<td>Basic Process Controls</td>
<td>2</td>
</tr>
<tr>
<td>MAR 160</td>
<td>Customer Service</td>
<td>3</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Career Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Music and Entertainment Entrepreneurship Music Producer Certificate**

This certificate program will prepare students for entry level work or to launch a new music entertainment audio business and/or career. Topics range from audio production to music business to music making. Students will have access to current tech and hands-on experiences.

**Music and Entertainment Entrepreneurship Common Core: 21 credits**

**Music and Entertainment Entrepreneurship Common Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 169</td>
<td>Project Management for Musicians</td>
<td>3</td>
</tr>
<tr>
<td>MUS 263</td>
<td>Music Publishing</td>
<td>3</td>
</tr>
<tr>
<td>MUS 267</td>
<td>Music Marketing Strategies</td>
<td>3</td>
</tr>
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</table>

**Producer Emphasis: 23 credits**

**Producer Emphasis**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 100</td>
<td>Introduction to Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 110</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 112</td>
<td>Ear Training/Sight Singing Lab I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 141</td>
<td>Private Instruction</td>
<td>1-2</td>
</tr>
<tr>
<td>MUS 168</td>
<td>Audio Post Production I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 261</td>
<td>Advanced Music Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>MUS 262</td>
<td>Developing a Producer’s Ear</td>
<td>3</td>
</tr>
<tr>
<td>MUS 265</td>
<td>Live Audio Engineering</td>
<td>3</td>
</tr>
<tr>
<td>MUS 268</td>
<td>Audio Post Production II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Paralegal Certificate**

This program, approved by the American Bar Association (ABA), combines an understanding of legal principles, legal analysis, and ethical considerations with practical applications.

Courses lead to an ABA-approved Paralegal Certificate. To be awarded the Paralegal Certificate, the student must complete the certificate requirements and complete or submit evidence of having completed a degree (Associate or higher) from a regionally accredited institution, including ENG 121, or the equivalent. Students who have not completed the degree requirement must complete the Associates of Applied Science - Paralegal Degree to receive the Paralegal Certificate.

In order to meet ABA requirements, only certain online Paralegal courses are applicable to this certificate. If the class is offered at CCA under the PAR prefix, it will apply to the certificate requirements. If you are transferring in paralegal credits, you are responsible for proving the method of delivery.

Students must take at least 10 semester credits of legal specialty courses through traditional classroom instruction. Students must take at least 15 credit hours of paralegal courses at CCA in order to receive the paralegal certificate.

You must apply for graduation on the website prior to your final semester to receive your certificate.

*A paralegal is a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Any act performed by a paralegal that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

**Certificate Requirements: 30 credits**

**Certificate Emphasis Requirements: 21 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAR 115</td>
<td>Introduction to Law</td>
<td>3</td>
</tr>
<tr>
<td>PAR 116</td>
<td>Torts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>
PAR 205  Criminal Law  3
PAR 118  Contracts  3
PAR 201  Civil Litigation  3
PAR 213  Legal Research and Writing I  3
PAR 214  Legal Research and Writing II  3
PAR 280  Internship  3
OR
PAR 285  Independent Study  3
PAR 116, PAR 205 Students may take either Torts or Criminal Law to meet the emphasis requirements, or they may take both courses, one as an elective.

Electives: 9 credits

Select three courses from the following:

PAR 116  Torts  3
PAR 117  Family Law  3
PAR 125  Property Law  3
PAR 205  Criminal Law  3
PAR 206  Business Organizations  3
PAR 207  Current Issues in Law  3
PAR 208  Probate and Estates  3
PAR 216  Employment Law  3
PAR 227  Immigration Law  3
PAR 275  Special Topics  3

Any other PAR courses approved by the department

PAR 116, PAR 205: Students may take either Torts or Criminal Law to meet the emphasis requirements, or they may take both courses, one as an elective.

Theatre: Theatre & Event Technology Certificate

This 18 credit certificate in Theatre & Event Technology will prepare students for entry-level job positions in the performing arts, corporate meeting & live event industries. Topics covered include basic shop tool use and safety, concepts in lighting and audio design and technology and cultivating a career in the live event field. Students will have access to state-of-the-art technology in our black box theatre and have ample opportunity to develop their skills through hands-on collaboration and participation.

Certificate Requirements: 18 credits

THE 105  Theatre Appreciation (GT-AH1)  3
THE 116  Technical Theatre  3
THE 124  Theatre and Event Tech Careers  3
THE 131  Theatre Production I  3

Translation and Interpretation Certificate

This specialist certificate is intended to prepare functionally bilingual students for employment as interpreters and/or translators. Upon completion, students will be able to provide basic interpreting and translation services between English and their other language(s).

Prerequisites:

1. Provide evidence of proficiency in English with one of the following:
   a. Completion of ENG 121 or higher with a C or higher.
   b. Other evidence demonstrating English proficiency may be approved by the program Chair

2. Provide evidence of proficiency in a second language with one of the following:
   a. Evidence of completion of high school in a country where the language is spoken.
   b. Completion of a college minor in the second language with a minimum grade of “C” for all courses taken in the second language
   c. Other evidence demonstrating proficiency in a second language may be approved by the program Chair

3. Prospective students must attend a mandatory information orientation prior to enrollment. Contact the department, 303-360-4731, for dates and times.

Certificate Requirements: 23 credits

Translation and Interpretation Certificate-Legal

The Translation and Interpretation Certificate with a Legal emphasis provides the fundamental practices in the three modes of Interpretation-consecutive, simultaneous and sight translation-an an additional understanding of legal concepts and terminology to those seeking professional certification as state court interpreters, or plan to work in legal settings.

Prerequisites:

1. Provide evidence of proficiency in English with one of the following:
   a. Completion of ENG 121 or higher with a C or higher.
   b. Other evidence demonstrating English proficiency may be approved by the program Chair

2. Provide evidence of proficiency in a second language with one of the following:
   a. Evidence of completion of high school in a country where the language is spoken.
b. Completion of a college minor in the second language with a minimum grade of “C” for all courses taken in the second language

c. Other evidence demonstrating proficiency in a second language may be approved by the program Chair

3. Prospective students must attend a mandatory information orientation prior to enrollment. Contact the department, 303-360-4731, for dates and times.

Certificate Requirements: 35 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRI 101</td>
<td>Introduction to Translation and Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>TRI 103</td>
<td>Code of Ethics</td>
<td>2</td>
</tr>
<tr>
<td>TRI 104</td>
<td>Business of Translation and Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>TRI 201</td>
<td>Consecutive Interpretation I</td>
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<td>TRI 202</td>
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<td>TRI 203</td>
<td>Sight Translation</td>
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<td>TRI 204</td>
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<td>TRI 205</td>
<td>Simultaneous Interpretation II</td>
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<td>CRJ 110</td>
<td>Introduction to Criminal Justice (GT:SS3)</td>
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<td>CRJ 135</td>
<td>Judicial Function</td>
<td>3</td>
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<tr>
<td>CRJ 205</td>
<td>Principles of Criminal Law</td>
<td>3</td>
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<td>PAR 117</td>
<td>Family Law</td>
<td>3</td>
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<td>BIO 106</td>
<td>Basic Anatomy and Physiology</td>
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<td>BIO 116</td>
<td>Introduction to Human Disease (GT-SC2)</td>
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<tr>
<td>HPR 144</td>
<td>Comprehensive Medical Terminology</td>
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**Translation and Interpretation Certificate-Medical**

The Translation and Interpretation Certificate with a Medical emphasis provides the fundamental practices in the three modes of Interpretation—consecutive, simultaneous and sight translation—and an additional understanding of medical concepts and terminology to those seeking professional certification as medical interpreters, or plan to work in medical settings.

Prerequisites:

1. Provide evidence of proficiency in English with one of the following:
   a. Completion of ENG 121 or higher with a C or higher.
   b. Other evidence demonstrating English proficiency may be approved by the program Chair

2. Provide evidence of proficiency in a second language with one of the following:
   a. Evidence of completion of high school in a country where the language is spoken.
   b. Completion of a college minor in the second language with a minimum grade of “C” for all courses taken in the second language
   c. Other evidence demonstrating proficiency in a second language may be approved by the program Chair

3. Prospective students must attend a mandatory information orientation prior to enrollment. Contact the department, 303-360-4731, for dates and times.

Certificate Requirements: 33 credits

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>TRI 101</td>
<td>Introduction to Translation and Interpretation</td>
<td>3</td>
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<tr>
<td>TRI 103</td>
<td>Code of Ethics</td>
<td>2</td>
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<tr>
<td>TRI 104</td>
<td>Business of Translation and Interpretation</td>
<td>3</td>
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AAA - Academic Achievement Courses

AAA 101 - College 101: The Student Experience
1 Credit hour  15 Contact hours
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.
Prerequisite: Permission of the Student Success Center.

AAA 109 - Advanced Academic Achievement
3 Credit hours  45 Contact hours
Examines theories and practices associated with successful learning to enhance college success. Areas of study include education and career planning, effective communication, personal management, critical and creative thinking, development of community and awareness of diversity, leadership, and techniques for successful academic performance. Recommended for new and returning students.
Prerequisite: Equivalent assessment scores.

ACC - Accounting Courses

ACC 115 - Payroll Accounting
3 Credit hours  45 Contact hours
Studies federal and state employment laws and their effects on personnel and payroll records. The course is non-technical and is intended to give students a practical working knowledge of the current payroll laws and actual experience in applying regulations. Students are exposed to computerized payroll procedures.
Prerequisite: Successful completion of ACC 121 (grade C or higher).

ACC 121 - Accounting Principles I
4 Credit hours  60 Contact hours
This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AR 265+, QA 240+, AF 235+, Accuplacer EA 60+, ACT Math 19+, SAT MAT 500+). *Note: MAT 121 is necessary for students in some degrees including the AA Business and AA Economics programs. These students should not take MAT 120. Please see an academic advisor if you have any questions.* **Certificate seeking students who do not meet one of these, please contact the Department Chair.

ACC 122 - Accounting Principles II
4 Credit hours  60 Contact hours
This course continues the application of accounting principles to business organizations. Major topics include corporate equity and debt financing, investments, cash flow statements, financial analysis, budgeting, cost and managerial accounting.
Prerequisite: Successful completion of ACC 121 or equivalent (grade C or higher).

ACC 125 - Computerized Accounting
3 Credit hours  45 Contact hours
Introduces the capabilities of computer applications in accounting. Includes solving accounting problems of a financial nature and hardware and software controls.
Prerequisite: Successful completion of ACC 121 (grade C or higher).

ACC 131 - Income Tax
3 Credit hours  45 Contact hours
Studies basic concepts of federal income taxation, including gross income, deductions, accounting periods and methods, and property transactions, with emphasis on taxation of individuals and sole proprietorships.
Prerequisite: Successful completion of ACC 121 (grade C or higher) or equivalent assessment scores.

ACC 211 - Intermediate Accounting I
4 Credit hours  60 Contact hours
Focuses on comprehensive analysis of generally accepted accounting principles (GAAP), accounting theory, concepts and financial reporting principles for public corporations. It is the first of a two-course sequence in financial accounting, designed primarily for accounting and finance majors. Focuses on the preparation and analysis of business information relevant and useful to external users of financial reports. Explores the theories, principles, and practices surveyed in Accounting Principles and critically examines real-world financial analysis and reporting issues.
Prerequisite: Successful completion of ACC 122 or equivalent (grade C or higher).

ACC 212 - Intermediate Accounting II
4 Credit hours  60 Contact hours
Focuses on the theoretical and practical aspects of accounting for long-term liabilities, stockholders equity, investments, pensions, and leases. Includes income tax allocation, financial statement analysis, cash flow statements, and accounting methods changes.
Prerequisite: Successful completion of ACC 211 (grade C or higher).

ACC 226 - Cost Accounting I
3 Credit hours  45 Contact hours
Studies cost accumulation methods and reports. Focuses on the concepts and procedures of job order, process, standard and direct cost system, budgeting, planning, and control of costs.
Prerequisite: Successful completion of ACC 122 (grade C or higher).

AEC - Arch Eng/Construction Mgmt Courses

AEC 107 - Print Reading Residential/Commercial
3 Credit hours  45 Contact hours
Interpret construction prints and the related documents produced by the residential or commercial architect and used in the construction industry.
Prerequisite: Department Permission Required.

AEC 121 - Construction Materials and Systems
3 Credit hours  45 Contact hours
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.
Prerequisite: Department Permission Required.

AEC 216 - Estimating I
3 Credit hours  45 Contact hours
Covers basic construction estimating. The student will develop skills in estimating the amount and cost of various constructions. He/She will demonstrate these skills by making estimates of material and labor quantities and cost for representative types of construction.
Prerequisite: Department Approval Required.
ANT 215 - Native Peoples of North America: GT-SS3
3 Credit hours  45 Contact hours
Studies the origins of native peoples in the New World, through the development of geographic culture areas, to European contact and subsequent contemporary Native American issues. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

ANT 250 - Medical Anthropology (GT-SS3)
3 Credit hours  40-45 Contact hours
Explores the basic principles of medical anthropology, an applied field within the discipline of cultural anthropology, including the cross-cultural study of illness, health, healing, death, globalization, and the interaction of medical systems between cultures. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

ANT 275 - Special Topics in Anthropology
0-6 Credit hours  15-75 Contact hours
Provides opportunity for off-campus field experience or study of a special topic in Anthropology. Field study may occur at archaeological sites, museums, host educational institutions, within ethnographic situations, or other anthropologically appropriate places. Study of a special topic may include that derived from physical anthropology, cultural anthropology, archaeology, or other anthropological discipline.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

ART - Art, Design, Jewelry and Photography

ART 110 - Art Appreciation (GT-AH1)
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ART 111 - Art History - Ancient to Medieval (GT-AH1)
3 Credit hours  45 Contact hours
Provides the knowledge base to understand the visual arts, especially as related to Western culture. This course surveys the visual arts from the Ancient through the Medieval periods. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ART 112 - Art History – Renaissance to Modern (GT-AH1)
3 Credit hours  45 Contact hours
Provides the knowledge base to understand the visual arts, especially as related to Western culture. This course surveys the visual arts from the Renaissance to 1900. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ART 117 - Fiber Design I
3 Credit Hours  90 Contact Hours
Introduces basic fiber design. Explores basic studies and approaches to fiber design, ranging from the uses of dyes, prints, painting, and threads to an appreciation of the properties of various kinds of fiber and textiles.

ART 121 - Drawing I
3 Credit Hours  90 Contact Hours
ART 128 - Figure Drawing I
3 Credit Hours    90 Contact Hours
Introduces the basic techniques of drawing the human figure.
Prerequisite: Successful completion of ART 121 (grade C or higher).

ART 131 - Visual Concepts 2-D Design
3 Credit Hours   90 Contact Hours
Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.

ART 132 - Visual Concepts 3-D Design
3 Credit Hours   90 Contact Hours
Focuses on learning to apply the elements and principles of design to three-dimensional problems.
Prerequisite: Successful completion of ART 131 (grade C or higher) or Chair Approval.

ART 133 - Jewelry and Metalwork I
3 Credit Hours   60 Contact Hours
Introduces the construction of jewelry designs in metals and small casting techniques.

ART 134 - Visual Concepts 4-D Design
3 Credit Hours   90 Contact Hours
Explores the artistic possibilities of time and movement in art and design. Students will be introduced to various methods and mediums as they apply the principles of design to time-based art and design projects. Students will be challenged to develop conceptually through individual and collaborative projects that may include flip-book animations, claymation, stop-motion animation, cinemagraphs, video, or performance art. Collaborative and creative problem solving skills will be encouraged.
Prerequisite: Successful completion of ART 131 (grade C or higher).

ART 139 - Digital Photography I
3 Credit Hours   90 Contact Hours
Presents the fundamentals of Fine Art digital photography, including camera equipment and software used for image capture, management and manipulation. Topics include camera settings and exposure control, composition, working with light and time, and creative image manipulation.

ART 151 - Painting I
3 Credit Hours   90 Contact Hours
Explores basic techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting to depict form and space on a two-dimensional surface.
Prerequisite: Successful completion of ART 121 (grade C or higher).

ART 161 - Ceramics I
3 Credit Hours   90 Contact Hours
Introduces traditional and contemporary ceramic forms and processes including hand building and throwing on the potter's wheel.

ART 207 - Art History - 1900 to Present (GT-AH1)
3 Credit hours   45 Contact hours
Introduces the concepts necessary to understand modern visual art, with an emphasis on world art of the 20th century. This course surveys world art of the 20th century, including Modernism to Post-Modernism. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ART 221 - Drawing II
3 Credit hours   90 Contact hours
Explores expressive drawing techniques with an emphasis on formal composition, color media and content or thematic development.

ART 228 - Advanced Figure Drawing
3 Credit hours   90 Contact hours
Provides continuing study of the various methods of drawing the human figure, with emphasis on the description of form and individual style.
Prerequisite: Successful completion of ART 128 (grade C or higher).

ART 239 - Digital Photography II
3 Credit hours   90 Contact hours
Expands upon the beginning digital photography class. Focuses on digital photography in terms of design and communication factors including color, visual design, lighting, graphics, and aesthetics.
Prerequisite: Successful completion of ART 139 (grade C or higher).

ART 251 - Painting II
3 Credit hours   90 Contact hours
Further explores basic techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting, with emphasis on composition and content development.
Prerequisite: Successful completion of ART 151 (grade C or higher).

ART 261 - Ceramics II
3 Credit hours   90 Contact hours
A continuation of ART 161, this course emphasizes skill, technique and form.
Prerequisite: Successful completion of ART 161 (grade C or higher) or equivalent assessment scores.

ASE - Diesel Power Mechanics Courses

ASE 120 - Basic Auto Electricity
2 Credit hours   33.75 Contact hours
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.
Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

ASE 123 - Starting & Charging Systems
2 Credit hours   37.5 Contact hours
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.
Prerequisite: Successful completion of DPM 100, DPM 101, and ASE 120 (grade C or higher).

ASE 291 - Auto/Diesel Body Electrical
3 Credit hours   65 Contact hours
Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.
Prerequisite: Successful completion of DPM 100 and DPM 101, ASE 120 (grade C or higher).

ASE 295 - HVAC Systems
3 Credit hours   67.5 Contact hours
Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components.
Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

**ASL - American Sign Language (ASL) Courses**

**ASL 121 - American Sign Language I**
5 Credit hours 75 Contact hours
Exposes students to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method.
Prerequisite: Successful completion of CCR 092, CCR 093, CCR 094 or passing the ASL Proficiency Exam or permission by department chair.

**ASL 122 - American Sign Language II**
5 Credit hours 75 Contact hours
Develops a basic syntactic knowledge of American Sign Language (ASL), basic vocabulary, and basic conversational skills. Incorporates vital aspects of deaf culture and community. The direct experience method is used to enhance the learning process.
Prerequisite: Successful completion of ASL 121 (grade C or higher) or passing the ASL Proficiency Exam or permission by department chair.

**ASL 123 - American Sign Language III**
5 Credit hours 75 Contact hours
Provides the student an opportunity to develop a stronger grasp of American Sign Language (ASL), as well as the cultural features of the language. ASL vocabulary is also increased. The direct experience method is used to further enhance the learning process. This course is a continuation of ASL 122 with more emphasis on expressive skills in signing.
Prerequisite: Successful completion of ASL 122 (grade C or higher).

**ASL 175 - Special Topics**
0-12 Credit hours 15-90 Contact hours
Explores current topics, issues, and activities related to one or more aspects of the named discipline.
Prerequisite: Successful completion of ASL 123 (grade C or higher) or permission by the Department Chair.

**ASL 221 - American Sign Language IV (GT-AH4)**
3 Credit hours 45 Contact hours
Continues to provide further study of American Sign Language (ASL) and its grammar, syntax and cultural features. This course helps develop intermediate-level competency and fluency in the language, and addresses variations in ASL.
Prerequisite: Successful completion of ASL 123 (grade C or higher) or permission by the Department Chair.

**ASL 275 - Special Topics**
0-12 Credit hours 15-90 Contact hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Prerequisite: Permission by the Instructor.

**AST - Astronomy Courses**

**AST 101 - Astronomy I with Lab (GT-SC1)**
4 Credit hours 75 Contact hours
Focuses on the history of astronomy, naked-eye sky observation, tools of the astronomer, contents of the solar system and life in the universe. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, CCR 094 or higher (grade C or higher) or equivalent assessment scores and Successful completion of MAT 120 or MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT MAT 24+, SAT MAT 700+).

**AST 102 - Astronomy II with Lab (GT-SC1)**
4 Credit hours 75 Contact hours
Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, CCR 094 or higher (grade C or higher) or equivalent assessment scores and Successful completion of MAT 120 or MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT MAT 24+, SAT MAT 700+).

**BIO - Biology Courses**

**BIO 105 - Science of Biology with Lab (GT-SC1)**
4 Credit hours 90 Contact hours
Examines the basis of biology in the modern world and surveys the current knowledge and 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 GT-SC1 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**BIO 106 - Basic Anatomy and Physiology**
4 Credit hours 90 Contact hours
Focuses on 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.
Prerequisite: Successful completion of CCR 092 (grade C or higher).

**BIO 111 - General College Biology I with Lab (GT-SC1)**
5 Credit hours 105 Contact hours
Examines the fundamental molecular, cellular, and genetic principles characterizing plants and 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 is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, CCR 094 or higher (grade C or higher) or equivalent assessment scores and Successful completion of MAT 120 or MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT MAT 24+, SAT MAT 700+).

**BIO 112 - General College Biology II with Lab (GT-SC1)**
5 Credit hours 105 Contact hours
Examines the fundamental principles of ecology, evolution, classification, structure, and function in plants and animals. This course includes a laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of BIO 111 (grade C or higher).

**BIO 116 - Introduction to Human Disease (GT-SC2)**
3 Credit hours 45 Contact hours
Focused analysis of the causes and mechanics of human illness and death will be presented for each of the major human body systems. Selected diseases will be studied in greater detail including etiology, pathogenesis, epidemiology, sociology, and therapy. This is a statewide Guaranteed Transfer course in the GT-SC2 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.
BIO 201 - Human Anatomy and Physiology I with Lab (GT-SC1)
4 Credit hours  90 Contact hours
Focuses on an integrated study of the human body including the histology, anatomy, and physiology of each system. Examines molecular, cellular, and tissue levels of organization plus integuments, skeletal, articulations, muscular, and nervous systems. Includes a mandatory hands-on laboratory experience covering microscopy, observations, and dissection. This is the first semester of a two-semester sequence. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of Department Chair.

BIO 202 - Human Anatomy and Physiology II with Lab (GT-SC1)
4 Credit hours  90 Contact hours
Focuses on the integrated study of the human body and the histology, anatomy, and physiology of the following systems and topics: endocrine, cardiovascular, hematology, lymphatic and immune, urinary, fluid and electrolyte control, digestive, nutrition, respiratory, reproductive, and development. Includes a mandatory hands-on laboratory experience involving microscopy, observations, and dissection. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of BIO 201 (grade C or higher).

BIO 204 - Microbiology with Lab (GT-SC1)
4 Credit hours  90 Contact hours
Covers the diversity of microorganisms, their structure, physiology, and the identification process. There is an emphasis on microorganisms that cause infectious disease and the process of infection, host immune responses, and methods to control microorganisms. Laboratory experiences include culturing, identifying, and controlling microorganisms. This course is designed for students pursuing a health science field. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of BIO 201 or BIO 202 (grade C or higher).

BIO 216 - Human Pathophysiology
4 Credit hours  75 Contact hours
Focuses on the alterations in physiological, cellular, and biochemical processes, the associated homeostatic responses, and the manifestations of disease. Prior knowledge of cellular biology, anatomy, and physiology is essential for the study of pathophysiology.
Prerequisite: Successful completion of BIO 201 and BIO 202 (grade C or higher).

BIO 275 - Special Topics
0-12 Credit hours  15-90 Contact hours
Covers a specific topic within Biology as determined by the instructor. Reflects the special expertise of the faculty and/or special needs of the students.
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

BTE - Business Technology Courses

BTE 108 - Ten-Key by Touch
1 Credit hour  15 Contact hours
Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

BTE 125 - Records Management
3 Credit hour  45 Contact hours
Instructs on how records are created, stored, and retrieved. Covers the basic filing rules - classifying, indexing, coding, storing, and retrieving as applied to basic methods - alphabetic, chronological, subject, numeric, and geographic. Emphasizes 'hands-on' records management through the use of simulations, which includes manual and/or computer software.
Prerequisite: Successful completion of BUS 201 (grade C or higher).

BTE 225 - Office Management
3 Credit hour  45 Contact hours
Emphasis is placed on functions of the office. Includes office organization, work in the office, office layout, equipment and supplies, procurement and control, work flow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

BUS - Business Courses

BUS 115 - Introduction to Business
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

BUS 117 - Business Writing
1 Credit Hour  15 Contact Hours
Focuses on effective business messages, business reports, visual graphics, electronic presentations, and proofreading.

BUS 121 - Basic Workplace Skills
1 Credit hour  15 Contact hours
Focuses on personal and workplace skills necessary for successful performance. This course introduces project management principles necessary to effectively lead and implement a project.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

BUS 181 - Internship
0-12 Credit hours  Contact hours vary
Provides students with hands-on training in their career field. Occurs in a business setting arranged through a Student Work Experience (SWE)/Internship Coordinator, or by utilizing a current employment organization. Student is expected to work a minimum of 7.5 hours per week. Students attend 3 seminars during the semester of enrollment. Class utilizes cooperative work experience or project methods depending on the individual situation.
Prerequisite: Department approval.

BUS 201 - Business Logistics Optimization
3 Credit hours  45 Contact hours
Addresses and explores the principles of business logistics and optimization, utilizing database management systems and software. Students will construct and evaluate models of business systems for transportation, fleet and asset tracking, distribution and supply, and warehousing. Emphasizes decision analysis for logistics efficiency.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test scores.
BUS 202 - Business Purchasing, Supply, and Sourcing Logistics
3 Credit hours 45 Contact hours
Assesses the skills and abilities needed for the processes and activities for sourcing materials necessary for a business to deliver goods and services. An emphasis on the ability to formulate and manage the sourcing activities of purchasing supply, and sourcing logistics. The skills and fundamental comprehension for evaluating the sourcing of materials will be applied to business processes. Emphasizes decision analysis for logistics efficiency of purchasing, supply and sourcing.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test scores.

BUS 216 - Legal Environment of Business
3 Credit hours 45 Contact hours
Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and 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, and economic change business environments.
Prerequisite: Successful completion of BUS 115 (grade C or higher).

BUS 217 - Business Communication and Report Writing
3 Credit hours 45 Contact hours
Emphasizes effective business writing and covers letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication.
Prerequisite: Successful completion of BUS 115 or FIN 105 (grade C or higher).

BUS 226 - Business Statistics
3 Credit hours 45 Contact hours
Focuses on statistical study, descriptive statistics, probability, the binomial distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for business majors.
Prerequisite: Successful completion of BUS 115 and ACC 121 or MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 245+, Accuplacer EA 085+, ACT Math 23+, SAT Math 550+). **Certificate seeking students who do not meet one of these, please contact the department chair.

CAD - Computer Assisted Drafting Courses

CAD 255 - SolidWorks/Mechanical
3 Credit hours 45 Contact hours
Introduces parametric feature-based solid modeling 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. This course provides instruction on how to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.

CAD 256 - SolidWorks Basics
6 Credit hours 90 Contact hours
Introduces fundamental skills and concepts of SolidWorks software. This course emphasizes the design process and takes a task-based approach to training processes to apply commands, options, and menus necessary to complete a design task.

CAD 257 - SolidWorks Intermediate
6 Credit hours 90 Contact hours
Teaches the student to apply intermediate SolidWorks applications to produce parametric models of parts and assemblies.

CCR - English Courses

CCR 092 - College Reading and Composition
5 Credit hours 75 Contact hours
Integrates and contextualizes college level reading and writing. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts.

CCR 094 - Studio 121
3 Credit hours 45 Contact hours
Integrates and contextualizes reading and writing strategies tailored to co-requisite ENG 121 coursework. Students will read and understand complex materials, and respond to ideas and information through writing informative and/or persuasive texts. Any student enrolled in CCR 094 is required to co-enroll in ENG 121.
Prerequisite: Appropriate assessment scores. Corequisite: ENG 121.

CHE - Chemistry Courses

CHE 101 - Introduction to Chemistry I with Lab (GT-SC1)
5 Credit hours 90 Contact hours
Includes the study of measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base, gas laws, and condensed states. Laboratory experiments demonstrate the above concepts qualitatively and quantitatively. Designed for non-science majors, students in occupational and health programs, or students with no chemistry background. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of CCR 094 (grade C or higher) or equivalent assessment scores and Successful completion of MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT Math 24+, SAT Math 700+) .

CHE 111 - General College Chemistry I with Lab (GT-SC1)
5 Credit hours 105 Contact hours
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.
Prerequisite: Successful completion of CHE 101 (grade C or higher) or one year of high school chemistry AND MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT Math 24+, SAT Math 700+).

CHE 112 - General College Chemistry II with Lab (GT-SC1)
5 Credit hours 105 Contact hours
Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, and electrochemistry. This course emphasizes problem solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Prerequisite: Successful completion of CHE 111 (grade C or higher).

CHE 211 - Organic Chemistry I with Lab
5 Credit hours 105 Contact hours
Focuses on compounds associated with the element carbon including structure and reactions of aliphatic hydrocarbons and selected functional group families. The course covers nomenclature of organic compounds, stereochemistry, and reaction mechanisms such as SN1
SN2. E1 and E2. Laboratory experiments demonstrate the above concepts plus the laboratory techniques associated with organic chemistry.

Prerequisite: Successful completion of CHE 112 (grade C or higher).

**CHE 212 - Organic Chemistry II with Lab**

5 Credit hours 105 Contact hours

Explores the chemistry of carbon-based compounds, their reactions and synthesis including the structure, physical properties, reactivities, and synthesis of organic functional groups not covered in Organic Chemistry I. The course explores functional groups including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids and the reactions and reaction mechanisms of aromatic compounds. An introduction to biochemical topics may be included if time permits. Laboratory experiences demonstrate the above concepts and the laboratory techniques associated with organic chemistry.

Prerequisite: Successful completion of CHE 211 (grade C or higher).

**CIS - Computer Information Systems Courses**

**CIS 115 - Introduction to Computer Information Systems**

3 Credit hour 45 Contact hours

Provides an overview of computer information systems and their role in society. This course emphasizes terminology and the identification of computer components and systems used in personal and business environments. This course discusses the evaluation of systems and measures that can be applied to protect them.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 118 - Introduction to PC Applications**

3 Credit hour 45 Contact hours

This course 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.

Prerequisite: Successful completion of CCR 092 or equivalent assessment scores.

**CIS 128 - Intro to Operating Systems**

3 Credit hour 45 Contact hours

Introduces the functions and capabilities of Microsoft Windows. Includes configuring and modifying the operating system environment.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 135 - Complete PC Word Processing (Word)**

3 Credit hour 45 Contact hours

Introduces basics of word processing software to create, edit, format, and print documents as well as advanced features to enhance documents. This course includes working with images, creating/using styles, formatting multi-page documents using advanced features of headers/footers and section breaks, integrating software to create and format tables and charts, using mail merge, and creating documents with columns.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 145 - Introduction to Desktop Database**

3 Credit hour 45 Contact hours

Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 155 - PC Spreadsheet Concepts (Excel)**

3 Credit hour 45 Contact hours

Introduces basic to advanced features of spreadsheet software to design and create accurate, professional worksheets for use in business and industry. The course includes entering data, creating formulas, professional formatting, creating charts, creating, sorting and filtering tables, and creating and using templates, applying built-in functions, creating pivot tables, applying “what-if analysis” with data tables, creating macros, and using solver features.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 165 - Complete Presentation Graphics (Power Point)**

3 Credit hour 45 Contact hours

Focuses on the development of presentation graphics materials including graphs, charts, illustrations, and diagrams. Emphasizes effective communication through computerized presentations. Covers features of the software and effective presentation techniques.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 202 - Automated Project Management: MS Project**

3 Credit hour 45 Contact hour

Provides an in-depth exploration of project management concepts and techniques. Uses software to automate project management processes. Emphasizes critical thinking, goal setting, and communication with team members, management, and customers. Real-world scenarios will be used to create task lists, assign and level resources, and modify project files. GANTT charts, critical path methodology, PERT, project tracking and reporting will be utilized in the management of projects.

Prerequisite: Successful completion of CIS 128 (grade C or higher) or department approval.

**CIS 203 - Technology for Career Success**

2 Credit hour 30 Contact hour

Prepare students to transition into a career. This course will provide students with resources for career development and tools to succeed in a competitive labor market. Offers students an opportunity to build an employment focused electronic portfolio in preparation for career growth and lifelong learning after completing their program of study.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**CIS 223 - Linux**

3 Credit hours 45 Contact hours

Introduces students to the concepts of installing, configuring, and managing the Linux operating system. Topics covered include working with various desktops, use of filesystem commands, and management of user and group permissions.

Prerequisite: Successful completion of CIS 128 (grade C or higher).

**CIS 243 - Introduction to SQL**

3 Credit hour 45 Contact hours

Introduces students to Structured Query Language (SQL). Students learn to create database structures and store, retrieve and manipulate data in a relational database. Students create tables and views, use indexes, secure data, and develop stored procedures and triggers.

Prerequisite: Successful completion of CIS 145 (grade C or higher) or CSC 119 (grade C or higher).
CIS 263 - PC Help Desk Skills
3 Credit hours    45 Contact hours
Enables students to understand and develop appropriate help-desk techniques. Includes roles of help-desk personnel and how to troubleshoot hardware and software problems.
Prerequisite: Successful completion of CNG 121 (grade C or higher).

CIS 267 - Management of Information Systems
3 Credit hour    45 Contact hours
Introduces the concepts and techniques of managing computer-based information resources. Includes hardware, software, personnel, control techniques, and the placement and integration of information systems resources within the organization.
Prerequisite: Successful completion of CIS 115 or CNG 101 (grade C or higher).

CIS 268 - Systems Analysis and Design I
3 Credit hour    45 Contact hours
Introduces the student to the materials, techniques, procedures, and human interrelations involved in developing computer information systems. Includes the systems approach, fact gathering techniques, forms design, input/output, file design, file organization, various charting techniques, system audits on controls, project management, implementation, and evaluation.
Prerequisite: Successful completion of CNG 101 (grade C or higher).

CIS 280 - Internship
3 Credit hours    45 Contact hours
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 business location and with the direct guidance of the instructor.
Prerequisite: Department Approval.

CIS 289 - Capstone
0-12 Credit hour    0-180 Contact hours
Serves as the capstone course for CIS majors. Incorporates projects that allow students to develop advanced techniques and assemble information from different courses. Most projects will include the creation of interactive application programs for the non-computer user and require research beyond the classroom to prepare the student for entry level employment in a variety of situations.
Prerequisite: Successful completion of CSC 161 or CSC 237 (grade C or higher) and Department approval.

CNG - Computer Networking Technology Courses

CNG 101 - Network Fundamentals
3 Credit hours    45 Contact hours
Introduces network fundamentals using the OSI (Open Systems Interconnection) model and TCP/IP (Transmission Control Protocol/Internet Protocol) suite, fundamentals of Ethernet, IP addressing, and building simple LANs (Local Area Networks).
Prerequisite: Successful completion of CCR 092 (grade C or higher).

CNG 121 - Computer Technician I A+
4 Credit hours    60 Contact hours
Provides students with an in-depth look at personal computer hardware, introduces networking concepts, and covers operational procedures and troubleshooting, all of which are necessary for a successful entry-level computer service technician position. Provides extensive hands-on work with computer systems, PC setup and configuration, and basic maintenance and troubleshooting. This course helps prepare you for the first CompTIA A+ Exam.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores. Corequisite: CNG 122.

CNG 122 - Computer Technician II A+
4 Credit hours    60 Contact hours
Provides students with an in-depth look at desktop and mobile Operating System support, maintenance, and troubleshooting, and an overview of security concepts, and interpersonal skills, all of which are necessary for a successful entry-level computer service technician position. Provides extensive hands-on work with current operating systems, including using common GUI and command line tools, registry editing, system backup and recovery, and advanced troubleshooting. This course helps prepare you for the second CompTIA A+ Exam.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores. Corequisite: CNG 121.

CNG 124 - Networking: Network +
3 Credit hours    45 Contact hours
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.
Prerequisite: Successful completion of CNG 101 (grade C or higher).

CNG 131 - Principles of Information Assurance
3 Credit hours    45 Contact hours
Provides skills and knowledge required to survey key issues associated with protecting information assets, determine the levels of protection and response to security incidents, and design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. Students learn to inspect and protect information assets, detect and react to threats to information assets, and examine pre- and post-incident procedures, and technical and managerial responses. Students learn about information security planning and staffing functions.
Prerequisite: Successful completion of CNG 101 (grade C or higher).

CNG 132 - Network Security Fundamentals
3 Credit hours    45 Contact hours
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.
Prerequisite: Successful completion of CNG 101 (grade C or higher).

CNG 142 - Intro to Cloud Computing
3 Credit hour    45 Contact hours
Introduces fundamental 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.
Prerequisite: Successful completion of CNG 101 (grade C or better).

CNG 211 - Windows Configuration
3 Credit hours    45 Contact hours
Provides students with the knowledge and skills necessary to address the implementation and desktop support needs of customers who are planning to deploy and support Microsoft Windows Client OS in a variety of network operating system environments.
CNG 256 - Vulnerability Assessment I
3 Credit hours  45 Contact hours
Prerequisite: Successful completion of CNG 132 (grade C or higher).

CNG 260 - CISCO Network Associate I
5 Credit hours  75 Contact hours
Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Includes IP addressing and fundamentals of Ethernet concepts, media and operations.
Prerequisite: Successful completion of CNG 101 (grade C or higher) or equivalent assessment scores.

CNG 261 - CISCO Network Associate II
5 Credit hours  75 Contact hours
Introduces the architecture, components, and operations of routers and switches.
Prerequisite: Successful completion of CNG 260 (grade C or higher).

CNG 262 - CISCO Network Associate III
5 Credit hours  75 Contact hours
Explores the architecture, components and operations of routers and switches in a larger and more complex network with advanced functionality.
Prerequisite: Successful completion of CNG 261 (grade C or higher).

CNG 263 - CISCO Network Associate IV
5 Credit hours  75 Contact hours
Implements WAN technologies and network services required by converged applications in a complex switched and routed networks.
Prerequisite: Successful completion of CNG 262 (grade C or higher).

CNG 266 - Decision Making
1 Credit hour  15 Contact hours
Focuses on increasing understanding of personal and professional decision-making strategies. Covers a variety of decision-making strategies.
COM 268 - Problem-Solving
1 Credit hours  15 Contact hours
Focuses on solving problems in our personal and professional lives and developing the ability to think and act creatively in responding to a variety of situations. Introduces several different perspectives for group and individual problem solving and explores real situations and simulations.
Prerequisite: CCR 092 (grade C or higher) or equivalent assessment scores.

COM 280 - Internship
3 Credit hours  135 Contact hours
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 business location and with the direct guidance of the instructor.
Prerequisite: Successful completion of COM 115 or COM 125 (grade C or better) and department permission.

CRJ - Criminal Justice Courses

CRJ 110 - Introduction to Criminal Justice (GT:SS3)
3 Credit hours  45 Contact hours
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 is a statewide Guaranteed Transfer course in the GT-SS3 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores or Permission of the Program Coordinator.

CRJ 125 - Policing Systems
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores or Permission of the Program Coordinator.

CRJ 127 - Crime Scene Investigation
3 Credit hours  45 Contact hours
Focuses on basic procedures in crime scene management to include photography and preparing initial reports and sketches. Includes processing evidence and related criminalistic procedures. Covers interviewing suspects, witnesses and victims to include the recording of identifications and descriptions. Incorporates lab and lecture.
Warning: This class may expose students to extremely graphic images of authentic crime scenes; lectures may include detailed descriptions and photo work of homicides and other crimes of violence.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores or Permission of the Program Coordinator.

CRJ 135 - Judicial Function
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores or Permission of the Program Coordinator and CRJ 110 (grade C or higher).

CRJ 145 - Correctional Process
3 Credit hours  45 Contact hours
Examines the history of corrections in America from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. This course examines the theories, rationales for punishment, and the political system in which corrections, as a component part of the criminal justice system, needs to operate. The course emphasizes legal, sociological, psychological, and other interdisciplinary approaches that effect the operation of a correctional system.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores or Permission of the Program Coordinator.

CRJ 205 - Principles of Criminal Law
3 Credit hours  45 Contact hours
Focuses on common law and statutory laws crimes, the Model Penal Code, elements defining crimes and penalties, defenses to criminal accusations, and definitions and distinctions between criminal and civil law.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.

CRJ 209 - Criminal Investigation I
3 Credit hours  45 Contact hours
Covers the function of the preliminary investigation at a crime scene to include securing the scene, crime scene searchers, police drawings, and recognition and collection of evidence.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Chair/Coordinator.

CRJ 210 - Constitutional Law
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.

CRJ 220 - Human Relations and Social Conflicts
3 Credit hours  45 Contact hours
Highlights 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.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.

CRJ 230 - Criminology
3 Credit hours  45 Contact hours
Provides an introduction to the study of crime, understanding the causes of crime, and examines, theoretical frameworks and theories to explain criminal behavior. Examination of the nature of crime, crime victimization, crime patterns, types of crime, crime statistics, and criminal behavior is also included.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.
successful completion of MAT 121 (grade C or higher) or qualifying

Prerequisite: Successful completion of CCR 092 (grade C or higher) or

CSC 119 - Introduction to Programming
3 Credit hours  45 Contact hours
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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (Accuplacer Next Generation NGQA 280+ or NGAF 235+, Accuplacer EA 75+ or CM 20+, ACT Math 19+, SAT Math 520+).

CSC 160 - Computer Science I: C++
4 Credit hours  60 Contact hours
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.

Prerequisite: Successful completion of CSC 119 or MAT 201 (grade C or higher).

CSC 161 - Computer Science II: C++
4 Credit hours  60 Contact hours
Continues algorithm development and problem solving techniques not covered in Computer Science I using a high-level programming language. Students are able to gain experience in the use of data structures and the design and implementation of larger software projects. Intensive computer laboratory experience is required for this course.

Prerequisite: Successful completion of CSC 160 (grade C or higher).

CSC 165 - Discrete Structures
4 Credits  60 Contact Hours
Prepares students for a fundamental understanding of computing and computer science. Includes set theory, boolean algebra, relations, functions, graph theory and techniques for formal reasoning.

Prerequisite: Successful completion of CSC 161 (grade C or better).

CSC 225 - Computer Architecture/Assembly Language Programming
4 Credit Hours  60 Contact Hours
Introduces concepts of computer architecture, functional logic, design and computer arithmetic. Focuses on the mechanics of information transfer and control within a computer system. Includes symbolic programming techniques, implementing high level control structures, addressing modes and their relation to arrays, subprograms, parameters, linkage to high level languages and the assembly process.

Prerequisite: Successful completion of CSC 160 (grade C or better).

CSC 235+ - Advanced C# Programming
4 Credit hours  60 Contact hours
Focuses on advanced features of the C# programming language and .NET Framework by having students write complex Windows Applications. The relationships between C# and the .NET Platform and Framework are explored. Students will develop clear, properly structured, and well-documented C# programs that emphasize writing and utilize classes as abstract data types, collections, inheritance, and generics.

Prerequisite: Successful completion of CSC 236 (grade C or higher).

CWB 110 - Complete Web Authoring (HTML)
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 (grade C or higher).

CWB 205 - Client-side Scripting
3 Credit hours 45 Contact hours
Explores the client-side programming skills necessary to create dynamic
Web content using a markup embeddable and procedural scripting
language executing on the client Web browser.

Prerequisite: Successful completion of CWB 110 (grade C or higher).

DPM - Diesel Power Mechanics Courses

DPM 100 - Introduction to Diesel Mechanics
2 Credit hours 30 Contact hours
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 select
mechanical fasteners for a particular application. Specific coverage of
precision fasteners, fuels, fluids as they relate to the diesel industry.

Prerequisite: Successful completion of DPM 101 (grade C or higher).

DPM 101 - Diesel Shop Orientation
2 Credit hours 30 Contact hours
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.

DPM 103 - Diesel Engines I
4 Credit hours 67.5 Contact hours
Covers the theory and operation of diesel engines with emphasis on
engine heads, valve train diagnosis, and repair. This course introduces
the cooling system’s importance in diagnosis and repair. This course meets
the Medium/Heavy Truck Service Technology/Medium/Heavy Truck
Master Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 105 - Heavy Duty Powertrains I
3 Credit hours 52.5 Contact hours
Focuses on drive axles and universal joints of heavy duty trucks and
equipment including operation, testing, removal, inspections, and repair
of heavy duty drivelines, axles, and differentials. This course meets the
Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master
Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100, DPM 101, and DPM 105
(grade C or higher).

DPM 122 - Hydraulic Systems II
3 Credit hours 56.25 Contact hours
Covers the repair, replacement, measurement, and adjustments of
components including pumps, control valves, and cylinders. This course meets the
Medium/Heavy Truck Master Service Technology (MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100, DPM 101, and DPM 121 (grade C or higher).

DPM 140 - Heavy Duty Steering & Suspension I
3 Credit hours 52.5 Contact hours
Emphasizes lecture and related lab in the diagnosis and service of Heavy
Duty mechanical and air suspension systems, wheels/tires and pressure
management systems.

Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 191 - Diesel Fuel Systems
2 Credit hours 45 Contact hours
Covers the theory of operation and repair of fuel injection systems
including disassembly, assembly, and service procedures on fuel system
components. This course meets the Medium/Heavy Truck Service
Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 192 - Hydraulic Systems I
1 Credit hours 22.5 Contact hours
Offers instruction on the basic fundamentals of hydraulics and their
applications. Diagnosis, service, and testing along with safety are stressed
within this course.

Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 203 - Diesel Engines II
4 Credit hours 82.5 Contact hours
Covers the operation and repair of diesel engines with emphasis on the
cylinder block in big bore engines. This course includes the disassembly,
inspection, and reassembly of diesel engines. This course meets the
Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100, DPM 101, and DPM 103
(grade C or higher).

DPM 205 - Heavy Duty Powertrains II
3 Credit hours 60 Contact hours
Covers clutch and transmission problems. The course focuses on clutch
and transmission operation, testing removal, rebuilding, inspection,
repairing, and replacement. This course meets the Medium/Heavy Truck
Service Technology/Medium/Heavy Truck Master Service Technology
(TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100, DPM 101, and DPM 105
(grade C or higher).

DPM 206 - Heavy Duty Brakes I
3 Credit hours 67.5 Contact hours
Focuses on the various braking systems incorporated in heavy duty trucks
and heavy equipment including the diagnosis and service of hydraulic,
mechanical, and electrical brake components. This course meets the
Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master
Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 207 - Heavy Duty Brakes II
3 Credit hours 52.5 Contact hours
Focuses on general service and maintenance procedures for the heavy-
duty truck air brake system and related pneumatic components including
operational checks, performance testing, and verifying system compliance
with regulations to the Federal Motor Vehicle Safety Standards (FMVSS
No. 121). This course meets the Medium/Heavy Truck Service
Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards.

Prerequisite: Successful completion of DPM 100, and DPM 101 (grade C or higher).

DPM 210 - Diesel Air Induction & Exhaust (2)
2 Credit hours 30 Contact hours
Covers the theory of operation and repair of turbochargers,
superchargers, intercoolers, various induction and exhaust systems.
ECE - Early Childhood Education Courses

ECE 101 - Introduction to Early Childhood Education
3 Credit hours 45 Contact hours

Provides 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores, ECE 103 may be taken at the same time.

ECE 102 - Introduction to Early Childhood Education Techniques
3 Credit hours 45 Contact hours

Focuses on a classroom seminar and placement in a child care setting. The supervised placement provides the student with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses ages birth through age 8.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 103 - Guidance Strategies for young Children
3 Credit hours 45 Contact hours

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.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 111 - Infant and Toddler Theory and Practice
3 Credit hours 45 Contact hours

Presents an overview of theories, applications (including observations), and issues pertinent to infant and toddler development in group and/or family settings. Includes requirements for licensing, health, safety, and nutrition issues.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 112 - Intro to Infant/Toddler Lab Techniques
3 Credit hours 45 Contact hours

Includes a classroom seminar and placement in an infant and/or toddler setting. The supervised placement provides the student with the opportunity to observe, to practice appropriate interactions and to develop effective guidance and nurturing techniques with infants and/or toddlers. Addresses ages prenatal through age 2.

Prerequisite: ECE 101 and successful completion or concurrency in ECE 111 (grade C or higher).

ECE 113 - Infant/Toddler Lab Techniques II
3 Credit hours 45 Contact hours

Continues ECP 112 with responsibility for planning and implementing developmentally appropriate activities and caregiving.

Prerequisite: ECE 101 (grade C or higher).

ECE 188 - Practicum: Early Childhood Education
3 Credit hour 45 Contact hours

Provides students with field experience in early childhood programs.

Prerequisite: Successful completion of ECE 101, ECE 102, ECE 103, (ECE 238 OR PSY 238) and successful completion or concurrency in ECE 205, ECE 220 (all grade C or higher).

ECE 205 - ECE Nutrition, Health, and Safety
3 Credit hours 45 Contact hours

Focuses on nutrition, health, and safety as key factors for optimal growth and development of young children. This course includes nutrition knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families for early childhood educators. This course addresses children ages birth through 12 years.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 220 - Curriculum Development: Methods and Techniques
3 Credit hours 45 Contact hours

Provides an overview of early childhood curriculum development. This course includes processes for planning and implementing developmentally appropriate environments, materials, and experiences that represent best practices in early childhood (EC) program settings. This course addresses children ages birth through 8 years.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 226 - Creativity and the Young Child
3 Credit hours 45 Contact hours

Emphasizes encouraging and supporting creative self expression and problem solving skills in children. Explores creative learning theories and research. Focuses on developmentally appropriate curriculum strategies in all developmental domains. Addresses ages birth through age eight. (Offered in the Summer only).

ECE 238 - ECE Child Growth & Development
3 Credit hours 45 Contact hours

Covers the growth and development of the child from conception through the elementary school years. This course emphasizes physical, cognitive, language, social, and emotional domains of development as they pertain to the concept of the whole child. It also includes ways adults can provide a supportive early childhood care and educational environment through teamwork and collaboration.

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 240 - Administration of Early Childhood Care and Education Programs
3 Credit hours 45 Contact hours

Provides foundational knowledge in early childhood program business operations, program development, and evaluation. This course covers administrative skills, ethical decision making, risk and resource management, and components of quality Early Childhood Education (ECE) programs serving children ages birth through 12 years. (Offered in Fall and Summer only).

Prerequisite: Successful completion of ECE 101 (grade C or higher).

ECE 241 - Administration: Human Relations for Early Childhood Education
3 Credit hours 45 Contact hours
Focuses on the human relations component of an early childhood professional's responsibilities. This course includes director-staff relationships, staff development, leadership strategies, family-professional partnerships, and community interaction. (Offered in Spring and Summer only)

**Prerequisite:** Successful completion of ECE 101 (grade C or higher).

**ECE 256 - Working with Parents, Families, and Community Systems**
3 Credit hours 45 Contact hours
Examines personal attitudes regarding families, family values systems, and how personal attitudes affect parent-professional partnerships in the early childhood education program. This course covers communication, problem-solving, and conflict resolution strategies. Effective activities and resources to support family involvement in the classroom will be created. This course addresses children ages birth through 8 years. Offered in the Spring only.

**Prerequisite:** Successful completion of ECE 101 (grade C or higher).

**ECE 260 - The Exceptional Child**
3 Credit hours 45 Contact hours
Presents an overview of critical elements related to educating young children with disabilities or special needs in the early childhood setting. Topics include: typical and atypical development; legal requirements; research-based practices related to inclusion; teaming and collaboration; and accommodations and adaptations. This course examines how a disability or special need may impact a young child’s learning process. This course addresses children ages birth through 8 years.

**Prerequisite:** Successful completion of PSY 238 or ECE 238 (grade C or higher) and CCR 092 (grade C or higher) or equivalent assessment scores.

**ECE 275 - Special Topics**
0-12 Credit hours 15-90 Contact hours
Explores current topics, issues, activities related to one or multiple aspects of the early childhood care and education profession.

**ECE 288 - Practicum: Early Childhood Education**
3 Credit hours 45 Contact hours
Provides students with advanced field experience opportunities in early childhood education programs. Students must complete a minimum of 60 hours in the daycare or preschool setting.

**Prerequisite:** Successful completion of ECE 101, ECE 102, ECE 103, ECE 111, ECE 238, ECE 260, and successful completion or concurrency in ECE 205, ECE 220, ECE 240, ECE 241 (All grade C or better).

**ECO - Economics Courses**

**ECO 201 - Principles of Macroeconomics (GT-SS1)**
3 Credit hours 45 Contact hours
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.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores and successful completion of level MAT 120 or higher (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AR 265+, QA, 240+, AF 235+, Accuplacer EA 60+, ACT Math 19+, SAT MAT 500+). *Note: MAT 121 is necessary for students in some degrees including the AA Business and AA Economics programs.

**ECO 202 - Principles of Microeconomics (GT-SS1)**
3 Credit hours 45 Contact hours
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.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores and successful completion of level MAT 120 or higher (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AR 265+, QA, 240+, AF 235+, Accuplacer EA 60+, ACT Math 19+, SAT MAT 500+). *Note: MAT 121 is necessary for students in some degrees including the AA Business and AA Economics programs.

**EDU - Education Courses**

**EDU 188 - Practicum I**
3 Credit hours 45 Contact hours
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.

**Prerequisite:** Successful completion of EDU 221, EDU 240, PSY 238 (all grade C or better).

**EDU 221 - Introduction to Education**
3 Credit hours 45 Contact hours
Focuses on the historical, social, political, philosophical, cultural and economic forces that shape the United States public school system. Includes current issues of educational reform, technology as it relates to education, and considerations related to becoming a teacher in Colorado. Special interest will be paid to the topic of diversity in the K-12 school system.

**Prerequisite:** Successful completion of CCR 092, (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

**EDU 222 - Effective Teaching**
1 Credit hours 15 Contact hours
Focuses on strategies for becoming an effective teacher. Topics included are: course goals and objectives, the first day, planning a lesson, higher levels of thought, test design and grading, assessment, and teaching and learning styles. (CTE credentialing class)

**EDU 234 - Multicultural Education**
3 Credit hours 45 Contact hours
Focuses on the need to recognize and understand the similarities and differences among people and develop a respect for all individuals and groups. Assists teachers to recognize the special learning needs of children from different racial, ethnic, cultural and socioeconomic groups and to encourage teachers to integrate multicultural/diversity teaching into the school curriculum.

**Prerequisite:** Successful completion of CCR 092, (grade C or higher) or equivalent assessment score.

**EDU 240 - Teaching Exceptional Learners**
3 Credit hours 45 Contact hours
These students should not take MAT 120. Please see an academic advisor if you have any questions.* 

**EDU 159 - Special Topics**
45 Contact hours

*Special interest will be paid to the topic of diversity in the K-12 school system.*
Introduces the design and construction of scientific and/or engineering experiments. This course covers the entire life cycle of the experiment or prototype from concept generation and design through construction, making measurements, analysis of collected data, and communication of results.

Prerequisite: Permission of the Instructor.

**EGG 175 - Special Topics**

0-12 Credit hours  
15-90 Contact hours

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

**EGG 275 - Special Topics**

0-6 Credit hours  
15-75 Contact hours

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

### EMS - Emergency Medical Provider Courses

**EMS 115 - Emergency Medical Responder**

3 Credit hours  
45 Contact hours

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.

Prerequisite: Students must be 16 years old by completion of the course.

**EMS 121 - EMT Fundamentals**

3 Credit hours  
48 Contact hours

Introduces the Emergency Medical Technician (EMT) student to prehospital emergency care. The topics included in this course are Emergency Medical Services (EMS) systems, well-being of the EMT, communications, documentation, anatomy, airway management, and patient assessment. Please note: Student must be 18.

Prerequisite: Equivalent assessment scores or scores required for placement into CCR 092. Corequisite: EMS 122, EMS 123, EMS 124, and EMS 170. (Students must enroll in the same section as EMS 121 for a total of 12 credits.)

**EMS 122 - EMT Medical Emergencies**

3 Credit hours  
60 Contact hours

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. This course focuses on the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient.

Corequisite: EMS 121, EMS 123, EMS 124, and EMS 170. (Students must enroll in the same section as EMS 121 for a total of 12 credits.)

**EMS 123 - EMT Trauma Emergencies**

2 Credit hours  
52 Contact hours

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns will provide the student with the ability to assess and manage the trauma patient.

Corequisite: EMS 121, EMS 122, EMS 124, and EMS 170. (Students must enroll in the same section as EMS 121 for a total of 12 credits.)

**EMS 124 - EMT Special Considerations**

2 Credit hours  
32 Contact hours

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills required to modify the assessment, treatment, and
transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism.

Corequisite: EMS 121, EMS 122, EMS 123, and EMS 170. (Students must enroll in the same section as EMS 121 for a total of 12 hours.).

**EMS 170 - EMT-Clinical**  
1 Credit hour 48 Contact hours  
Provides EMT students with the clinical experience required of initial and some renewal processes.

Corequisite: EMS 121, EMS 122, EMS 123, and EMS 124. (Students must enroll in the same section as EMS 121 for a total of 12 credits.).

**EMS 225 - Fundamentals of Paramedic Practice**  
3 Credit hours 225 Contact hours  
Introduces the paramedic student to the advanced practice of prehospital care. This course covers professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and basic and advanced airway management. This course discusses EMS 's role in the healthcare continuum, professional communication, patient care documentation, IV fluid therapy and resuscitation, and the application of evidence based medicine. A brief overview of human anatomy, physiology and pathophysiology is included.

Prerequisite: Successful completion of BIO 106 (all grade C or higher). Corequisite: EMS 226, EMS 229, EMS 233, and EMS 235. (Students must enroll in the same section as EMS 225 for a total of 16 credits.).

**EMS 226 - Fundamentals of Paramedic Practice - Lab**  
2 Credit hours 60 Contact hours  
Teaches the skills necessary for the paramedic to apply professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and airway management. Serves as the companion course to Fundamentals of Paramedic Practice.

Prerequisite: Permission from the department. Corequisite: EMS 225, EMS 229, EMS 233, and EMS 235. (Students must enroll in the same section as EMS 225 for a total of 16 credits.).

**EMS 227 - Paramedic Special Considerations**  
3 Credit hours 60 Contact hours  
Introduces the paramedic student to concepts in assessing and meeting the emergency care needs of the neonate, pediatric, geriatric and special needs patient. This course focuses on epidemiology, pathophysiology, assessment and treatment of these patient groups. Common medical and traumatic presentations are addressed. Relevant psychosocial and ethno cultural concepts and legal and ethical implications are integrated throughout.

Prerequisite: EMS 225 and permission from the department. Corequisite: EMS 228, EMS 230, EMS 231, EMS 232, EMS 234, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.).

**EMS 228 - Paramedic Special Considerations - Lab**  
2 Credit hours 60 Contact hours  
Teaches the skills necessary for the paramedic to effectively assess and treat neonatal, pediatric, geriatric, and special needs patients utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Special Considerations.

Prerequisite: Permission of the department. Corequisite: EMS 227, EMS 230, EMS 231, EMS 232, EMS 234, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.).

**EMS 229 - Paramedic Pharmacology**  
3 Credit hours 45 Contact hours  
Introduces the paramedic student to advanced emergency pharmacology, pharmacokinetics and pharmacodynamics. This course will include laws affecting the use and distribution of medications, medication dosing, clinical calculations, routes of administration and discussion of common medication classifications to include indications, contraindications and side effects.

Prerequisite: Permission from the department. Corequisite: EMS 225, EMS 226, EMS 233, and EMS 235. (Students must enroll in the same section as EMS 225 for a total of 16 credits.).

**EMS 230 - Paramedic Pharmacology - Lab**  
2 Credit hours 60 Contact hours  
Teaches the skills necessary for the paramedic to safely and effectively administer emergency medications. Serves as the companion course to Paramedic Pharmacology.

Prerequisite: Permission of the department. Corequisite: EMS 227, EMS 228, EMS 231, EMS 232, EMS 234, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.).

**EMS 231 - Paramedic Cardiology**  
5 Credit hours 75 Contact hours  
Introduces the paramedic student to cardiovascular emergencies and the care of patients presenting with cardiovascular emergencies. Topics will include assessment of the cardiovascular system, ECG acquisition and interpretation both single lead and 12 lead, pathophysiology of cardiovascular disease and treatments indicated for a given disease.

Prerequisite: Permission of the department. Corequisite: EMS 227, EMS 228, EMS 230, EMS 232, EMS 234, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.).

**EMS 232 - Paramedic Cardiology - Lab**  
1 Credit hour 30 Contact hours  
Teaches the skills necessary for the paramedic to effectively assess and treat patients presenting with cardiovascular emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Cardiology.

Prerequisite: Permission of the department. Corequisite: EMS 227, EMS 228, EMS 230, EMS 231, EMS 234, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.).

**EMS 233 - Paramedic Medical Emergencies**  
4 Credit hours 60 Contact hours  
Expands on the paramedic student's knowledge of medical emergencies with the Integration of assessment findings in formulating a field impression and implementing a treatment plan. This course will cover principles of epidemiology and pathophysiology related to common medical emergencies including: neurological, abdominal and gastrointestinal disorders, immunological, infectious diseases, endocrine disorders, psychiatric disorders, toxicological, respiratory, hemotolgical, genitourinary, gynecological, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat.

Prerequisite: Permission of the Department. Corequisite: EMS 225, EMS 226, EMS 229, and EMS 235. (Students must enroll in the same section as EMS 225 for a total of 16 credits.).

**EMS 234 - Paramedic Medical Emergencies - Lab**  
1 Credit hour 30 Contact hours  
Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of medical emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Medical Emergencies.
ENG - English Courses

ENG 121 - English Composition I (GT-CO1)
3 Credit hours   45 Contact hours

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.

ENG 122 - English Composition II (GT-CO2)
3 Credit hours   45 Contact hours

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 131 - Technical Writing I (GT-CO1)
3 Credit hours   45 Contact hours

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.

ENG 132 - Technical Writing II
3 Credit hours   45 Contact hours

Expands and refines the objectives of ENG 131, emphasizing formal presentations, both written and oral.

ENG 201 - Composition III: Writing for Public Discourse (GT-CO3)
3 Credit hours   45 Contact hours

Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses. This is a statewide Guaranteed Transfer course in the GT-CO3 category.

ENG 221 - Creative Writing I (GT-AH1)
3 Credit hours   45 Contact hours

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.

ENG 222 - Creative Writing II
3 Credit hours   45 Contact hours

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.

ENG 231 - Literary Magazine
3 Credit hours   45 Contact hours

Teaches the student the editorial process involved in preparing a literary magazine for publication. Covers the process of selection of material (fiction, nonfiction, poetry, and visual art) to be published, as well as
design, layout, and production to prepare a manuscript for publication. Enables the student to produce a literary magazine.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**ENP - Entrepreneurship**

**ENP 105 - Intro to Entrepreneurship**
*3 Credit hours  45 Contact hours*
Explores the business skills, personality traits, and commitment necessary to successfully plan, launch, and grow an entrepreneurial venture. This course will cover the challenges and rewards of entrepreneurship. This course will cover the role of entrepreneurial businesses in the United States and the world and their impact on our national and global economy.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test scores.

**ENP 106 - E-ship Opp,Feasibility Study**
*3 Credit hours  45 Contact hours*
Determines if a business venture is feasible based on personal, professional, and financial goals. This course will help to identify and analyze the present climate for business ideas through an industry analysis, target market analysis, competitive analysis, and financial analysis.

Prerequisite: Successful completion of ENP 105 (grade C or higher).

**ENP 206 - Entrepreneurship Legal Issues**
*3 Credit hours  45 Contact hours*
Explores legal issues related to business entities including sole proprietorship, general partnerships, limited partnerships, and corporations. This course reviews articles of incorporation and the filing process, employment law, property, landlord tenant rights and duties, and business insurance.

Prerequisite: Successful completion of ENP 105 (grade C or higher).

**ENP 207 - Entrepreneurship Financial Topics**
*3 Credit hours  45 Contact hours*
Will cover topics such as financial planning for entrepreneurs, understanding tax considerations, understanding financial documents, financial ratio analysis, cash flow management, cost of capital and budgeting, raising capital, valuation, risk assessment, and venture exits.

Prerequisite: Successful completion of ENP 105 (grade C or higher).

**ENP 209 - Entrepreneurship Business Plan**
*3 Credit hours  45 Contact hours*
Guides students through the evaluation of a business concept. This course will include writing a comprehensive business plan. This course explores both traditional and lean business planning as a means to establish strategic vision and direction for a business. This course assesses the strengths and weaknesses of a business concept. This course will include identifying external and environmental factors related to business ownership and evaluating various resources available for funding small businesses.

Prerequisite: Successful completion of ENP 106 (grade C or higher).

**ESL - English as a Second Language Courses**

**ESL 021 - Basic Grammar**
*3 Credit hours  45 Contact hours*
Develops competency in basic grammatical structures through oral and written practice.

Prerequisite: Appropriate score on assessment test.
Introduces students to skills development in multi-cultural education. Covers Chicano history, migration and labor, education, law, and Chicano culture.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**ETH 275 - Special Topics in Ethnic Studies**

1-6 Credit hour(s) 15-90 Contact hours

Provides students with a vehicle to pursue in-depth explorations of special topics of interest.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**FIN- Finance Courses**

**FIN 105 - Principles of Banking**

3 Credit hours 45 Contact hours

Explores nearly every aspect of banking as a solid foundation for any career in the financial services industry. Just as the industry is constantly changing, this course is continually being revised to provide specific up-to-date information.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**FIN 115 - Retail Banking**

2 Credit hours 30 Credit hours

Serves as an introductory course intended for newer employees in the saving institutions business and for established employees desiring to learn more about the business in which they work. Covers the origin and growth of saving institutions, their roles in the world of business, their intermediary function, their relationship to the housing industry and markets, the regulatory bodies and government agencies with which institutions work, and the competitive arena in which they operate. Enables the student to acquire a solid foundation for more specialized areas of study.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**FIN 125 - Teller Training**

1 Credit hour 15 Contact hours

Prepares students to be a Teller at any Financial Institution. The student will learn; how deposit accounting works, the handling of cash, balancing a cash drawer, recording debits and credits, handling cash items such as travelers checks, handling of commercial accounts, reviewing bank policy on large deposits, and placing holds on large deposits. The student will also learn customer service, how to handle problem customers, developing relationships with customers, and cross-selling other bank services.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

**FIN 255 - Selling Bank Products**

2 Credit hours 30 Contact hours

Focuses on the six human relations skills that encourage smooth, clear and personal communication with the customer. Emphasizes the basic steps of selling, information about bank products, and product benefits (rather than the features) and how to spot clues about customer needs. Covers the importance of cross-selling, how to recognize the typical prospects for various categories of bank products, and how to suggest products and overcome resistance to conclude the sale.

**Prerequisite:** Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.
FST - Fire Science Technology Courses

FST 100 - Firefighter I
9 Credit hours  135 Contact hours
Addresses the requirements necessary to perform at the first level of progression as identified in National Fire Protection Association (NFPA) 1001, Firefighter Professional Qualifications. This is a lecture and lab course for meeting the NFPA 1001, Level I, standard using IFSTA Essentials.
Prerequisite: Requires acceptance to CCA Firefighter Academy; be 18 or older and meet all current civil service and physical fitness requirements for hire by a Colorado Fire Department.

FST 102 - Principles/Emergency Services
3 Credit hours  45 Contact hours
Provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

FST 105 - Building Construction for Fire Protection
3 Credit hours  45 Contact hours
Provides the components of building construction that relate to fire and life safety. The focus of this course is on firefighter safety. The elements of consideration and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.

FST 106 - Fire Prevention
3 Credit hours  45 Contact hours
Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.

FST 107 - Hazardous Materials Operations (Level I)
3 Credit hours  45 Contact hours
Introduces hazardous materials incidents, recognizing and identifying hazardous materials, planning response, implementing response procedures, decision making, and continued evaluation at the awareness and operation level.
Prerequisite: Must be 18 or older.

FST 109 - Occupational Safety and Health for Fire
3 Credit hours  45 Contact hours
Introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue. This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral change throughout emergency services.

FST 170 - Clinical I
1 Credit hours  30 Contact hours
Offers the clinical practicum to apply the related fire science technology.

FST 201 - Instructional Methodology
3 Credit hours  45 Contact hours
Covers the role and responsibility of the fire service instructor. Includes oral communication skills, concepts of learning, planning and development of lesson plans, instructional materials and delivery methods, testing and evaluations, records and reports, and demonstration of instructional abilities. Fire Instructor I State Certificate is available.

FST 202 - Firefighting Strategy and Tactics
3 Credit hours  45 Contact hours
Firefighting strategy and tactics, methods of fire attack, fire behavior, building construction, and pre-fire planning.

FST 204 - Principles of Code Enforcement
3 Credit hours  45 Contact hours
To provide the students with the fundamental knowledge of the role of code enforcement in a comprehensive fire prevention program.

FST 205 - Fire Investigation I
3 Credit hours  45 Contact hours
Provides the student with the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the firesetter, and types of fire causes.

FST 206 - Fire Company Supervision and Leadership
3 Credit hours  45 Contact hours
Addresses the requisite knowledge and skills required to perform at level 1 as identified in National Fire Protection Association (NFPA) 1021, Fire Officer Professional Qualifications. Areas of focus include: fire department organization, company officer traits, roles and responsibilities, communications practices, administrative functions, safety, health and wellness, training, fire prevention, human resources management, and incident management and operations. The course prepares the learner for the Colorado Fire Officer I State Exams and JPR evaluations.

FST 207 - Firefighting Strategy and Tactics II
3 Credit hours  45 Contact hours
Focuses on tactics and strategies associated with transportation emergencies and fires, high-rise fires, below-ground incidents, confined space emergencies, and special rescue situations.

FST 209 - Fire Protection Systems
3 Credit hours  45 Contact hours
Provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

FST 251 - Fire Service and the Law
3 Credit hours  45 Contact hours
Provides the professional fire officer with detailed information on federal, state and local laws, ordinances, and civil and criminal liabilities that impact the fire service. Includes the OSHA and NFPA standards in-depth, as well as pensions, Workman's Compensation, drug testing, union bargaining agreements and other topics.

FST 253 - NIMS
3 Credit hours  45 Contact hours
Focuses on the National Incident Management System including fire ground management and resource management. Multiagency coordination systems are discussed, organization preparedness for large scale emergencies, Communication and information are addressed. The course concludes with a review of the National Response Plan.
Serves as the basic management course for present and potential members of the fire and emergency service professions. The course introduces the student to current fire service management practices, challenges, and real-world applications from the fire officer's point of view. The course addresses decision-making, problem solving, necessary communication skills, conflict resolution, effective leadership skills, as well as the role of the fire service manager in supervising personnel and programs.

**FST 257 - Fire Department Administration**  
3 Credit hours  45 Contact hours

Focuses on the operations of volunteer and combination fire departments, compliance with standards and ordinances, funding, recruiting, hiring and retaining employees, funding and budgeting, organizational planning and public relations.

**FST 275 - Special Topics**  
1-12 Credit hour(s)  15-270 Contact hours

Provides students with a vehicle to pursue in depth exploration of special topics of interest not previously offered. Includes National Fire Academy courses, VFIS courses, NFPA certification courses or other special subject classes that do not fall under the standard FST curriculum.

**FVM - Film and Video Media Courses**

**FVM 103 - Pre-Production I**  
3 Credit hours  60 Contact hours

Provides an introduction to professional film production with an emphasis on safety and social responsibility in filmmaking. The course explores film roles, responsibilities and best practices within preparation and production phases, as well as the basics of short form story structure and script format. Additional opportunities in budget management, communication, field observation and short script analysis will be provided.

Prerequisite: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score.

**FVM 105 - Video Production I**  
3 Credit hours  60 Contact hours

This introduction to visual storytelling provides students with the opportunity to identify the components and explore the expressive visual elements that compromise narrative motion pictures. Students work in groups and/or pairs structuring and shooting exercises and original projects to be edited in FVM 160 (which must be taken concurrently). With an emphasis on creating emotional connections between character and audience, this course will help students learn techniques to create and illustrate effective and dimensional stories. Students will also learn the art of collaboration, which is necessary for film production.

Prerequisite: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score and successful completion of FVM 103, FVM150, AND ETH 200 (with a grade of C or better). Corequisite: FVM 160.

**FVM 117 - Understanding the Actor's Process**  
3 Credit hours  60 Contact hours

Explores the actor's process with an emphasis on developing supportive and effective collaborations with other actors, directors and crew members. Applies techniques and acting theory to production and teaches basic terminology for actors in the screen environment.

Introduces improvisation, script and character analysis, rehearsal process and protocol.

Prerequisite: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (or equivalent assessment score) AND ETH 200 (with a grade of C or better).

**FVM 118 - Screen Actor Improvisation**  
3 Credit hours  60 Contact hours

This course builds on FVM 117, Understanding the Actor's Process, and is designed for students with an interest and aptitude for on-camera performance. The course continues to explore the teachings of Stanislavski as his system relates to creating believable and realistic characters and applying that knowledge to develop roles for the screen.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 117 (grade C or higher) AND successful completion or concurrent enrollment in FVM 105, FVM 150, and FVM 160 (grade C or higher).

**FVM 125 - Women in Film**  
3 Credit hours  60 Contact hours

Concentrates on the history of women in film; specifically, female writers, producers, directors, cinematographers, actors, and editors. Films will be reviewed and analyzed for the voices women play in the film, including how it affects the viewer’s perception of women. This course explores portrayal of women from different decades and the cultural implications of women’s involvement in the filmmaking medium presently while comparing dynamic female characters verses stereotypical female characters.

Prerequisite: Successful completion of ENG 121 (with a grade C or better) or equivalent assessment score.

**FVM 126 - Hollywood Shuffle/Black Cinema**  
3 Credit hours  60 Contact hours

Explores Black American cinema, its filmmakers, and creatives while examining its relevance to American film, American history, and Black life. The course focuses on the critical analysis of selected Black films through a combination of film analysis and Black American historiography.

Prerequisite: Successful completion of ENG 121 (with a grade of C or better) or equivalent assessment score.

**FVM 127 - LGBTQ Voices in Film**  
3 Credit hours  60 Contact hours

Explores both historical and contemporary LGBTQ film and filmmakers, while examining the nature and themes of LGBTQ representation throughout global cinema. The course focuses on the critical analysis of curated films, as it relates to story, audience, inherent biases, intersectionality, and representation.

Prerequisite: Successful completion of ENG 121 (with a grade of C or better) or equivalent assessment score.

**FVM 136 - Short Script Analysis**  
3 Credit hours  60 Contact hours

Introduces short subject script analysis and emphasizes critical thinking in regards to story technique and subtext behind the writers work. Students will identify and demonstrate an understanding of the methods of script analysis and translate knowledge into new context by summarizing, describing, interpreting, discussing and evaluating the three to forty minute short narrative, experimental, documentary, and animation scripts and films.

Prerequisite: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score. Corequisite: FVM 105 and FVM 160.
FVM 150 - Development of Film Expression
3 Credit hours  60 Contact hours

Examines the nature and structure of Film/Video expression, concentrating on the way directors, editors, and cinematographers use visual techniques to serve the narrative. Students watch films in their entirety and then analyze them for their lighting, composition, camera position, movement, lens, depth of field, use of screen space, placement of performers, and editing techniques.

Prerequisite: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (or equivalent assessment score) AND ETH 200 (with a grade of C or better).

FVM 153 - Introduction to Film Production
3 Credit hours  60 Contact hours

Introduces students to the study of motion picture photography as a means of communication as well as the processes and considerations involved in 16mm film production. Covers film stock, laboratory and processing, crew positions and responsibilities, audio, lighting and exposure considerations. Students will apply both the creative and technical aspects of cinematography and demonstrate their artistry and collaborative skill with a final class project.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 (grade C or higher) AND successful completion of or concurrent enrollment in FVM 105, FVM 117, FVM 150 and FVM 160 (grade C or higher).

FVM 155 - Writing the Short Script
3 Credit hours  60 Contact hours

Introduces short script writing where students conceptualize, write, rewrite, and polish their own scripts throughout the course building a portfolio for use in student productions. The course covers several writing techniques including the principles of construction, the role of subtext, creating dynamic characters, and the difference in theory between shorts and features.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 (grade C or higher) AND successful completion of or concurrent enrollment in FVM 105, FVM 117 and FVM 150 (grade C or higher).

FVM 160 - Video Post-Production I
3 Credit hours  60 Contact hours

Introduces the basic concepts and skills of non-linear editing using Avid Media Composer. The student will gain facility in digitizing, compression, inputting, outputting, and software integration as well as the principles of nonlinear editing. The student will demonstrate comprehension in various editing techniques and apply the acquired knowledge to exercises in the class.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 (grade C or higher) AND successful completion of or concurrent enrollment in FVM 105, FVM 117, FVM 150 and FVM 160 (all grade C or higher).

FVM 164 - Digital Editing: Final Cut Pro
3 Credit hours  60 Contact hours

Introduces the basic concepts and skills of non-linear editing using Final Cut Pro. The student will demonstrate comprehension in various editing techniques and apply the acquired knowledge to exercises in the class. The student will analyze other editor's works for aesthetic and technical merit and develop an understanding of industry standards and expectations. Capturing, outputting, and software integration are covered.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 (grade C or higher) AND successful completion of or concurrent enrollment in FVM 105, FVM 117, FVM 150 and FVM 160 (grade C or higher).

FVM 165 - Digital Editing: Avid
3 Credit hours  60 Contact hours

Introduces the basic concepts and skills of non-linear editing using Avid Media Composer. The student will gain facility in digitizing, compression, inputting, outputting, and software integration as well as the principles of nonlinear editing. The student will demonstrate comprehension in various editing techniques and apply the acquired knowledge to exercises in the class.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 105, FVM 117, FVM 150, and FVM 160 (grade C or higher).

FVM 181 - Topics in Film Studies
3 Credit hours  60 Contact hours

Surveys different genres, cultures, and movements, students will watch films and analyze within historical, social, and aesthetic contexts. Various topics may include Soviet Cinema, The Musical, Film Noir, Silent Cinema, Contemporary Global Cinema, etc.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 183 - Italian Neo-Realism and French New Wave Cinema
3 Credit hours  60 Contact hours

An examination of the Post War movements that revitalized world cinema and moved production out of the studios and into the streets. Students will identify components and analyze methods, concepts and theories. Stresses the work of Rossellini, De Sica, Goddard, Truffaut, and Renoir.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 184 - Landmarks of Cinema
3 Credit hours  60 Contact hours

Students examine and analyze standout films of popular cinema from the last few decades with inquiry into what makes them rise above their peers. Students evaluate the films and research and interpret the work of individual film makers whose work interests them.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 185 - The Documentary Film
3 Credit hours  60 Contact hours

An overview of the subject, with an emphasis on the historical development of the documentary film. Classroom visits with local documentary filmmakers, analysis of documentary techniques, finding the story and the challenges of the medium.
FVM 186 - The Horror Film
3 Credit hours  60 Contact hours

Provides an overview, history, and examination of the horror genre. Students will analyze films from a variety of perspectives: drama, history, culture, and film aesthetics and techniques. The approach will be by sub-genre, i.e. Vampires, Mad Scientists, Zombies, etc.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 187 - The Science Fiction Film
3 Credit hours  60 Contact hours

Provides an overview, history, and examination of science fiction movies, the ultimate “what if” films. Students will analyze films from a variety of perspectives: drama, history, culture, and film aesthetics and techniques. The approach will be by sub-genre, i.e. space travel, time travel, etc.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 188 - The Comedy Film
3 Credit hours  60 Contact hours

Provides an overview, history, and examination of the film comedy genre. Students will analyze films from a variety of perspectives: drama, history, culture and film aesthetics and techniques. Examines both style (Farce, Social Satire, Parody, etc.), and performers (Chaplin, Keaton, Fields, Marx Brothers, etc.), moving chronologically.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 121 and FVM 150 (grade C or higher).

FVM 200 - Video Production II
3 Credit hours  60 Contact hours

Engages students in more advanced productions, helping them to develop and demonstrate a mastery of the many skills necessary to make effective and successful films. Translates knowledge, methods and concepts developed in previous courses, into a creative, problem solving learn-by-doing filmmaking experience.

Prerequisite: Acceptance into the Film School AND successful completion of (FVM 155, AND successful completion or concurrency in FVM 118 AND successful completion or concurrency in Either FVM 218 OR FVM 228) OR (FVM 205 AND successful completion or concurrency in FVM 153) OR (FVM 155 AND successful completion or concurrency in FVM 215) OR (Either FVM 163 OR FVM 164 and FVM 208 AND successful completion or concurrency in FVM 215) OR (FVM 155, FVM 209 AND successful completion or concurrency in FVM 202) (all grade C or higher).

FVM 202 - Film/Video Business
3 Credit hours  60 Contact hours

Introduces students to the basic principles of business and how they apply to the motion picture industry. The course covers a broad assortment of topics including new venture creation, intellectual property, accounting and finance. These topics are then applied to specific events or organizations inside of the industry to build context.

Prerequisite: Acceptance into the Film School AND successful completion or concurrency in FVM 200 or FVM 220 or FVM 251 (grade C or higher).

FVM 204 - Art Direction
3 Credit hours  60 Contact hours

Introduces the historical and organizational role of the Art Director, script analysis technique, the research and pre-visualization process, and the parameters of the set. Students will explore the emotional content of artistic choices in regards to set, props, wardrobe and makeup. Analysis of character development and the characters' relationship to the space and the physical elements of the set will be explored. Students will learn to apply color and texture to support the story and character on a student production.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 118 or FVM 153 or FVM 155 or FVM 163 or FVM 164 all (grade C or higher).

FVM 205 - Camera Techniques
3 Credit hours  60 Contact hours

The narrative importance of different camera angles, movements, and focal planes are analyzed. Students will examine how video and 16mm film cameras work, and various techniques used in composition and the acquisition of images. Students will demonstrate and apply technique by shooting specific exercises both in and out of class.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103 (grade C or higher) and successful completion or concurrent enrollment in FVM 105, FVM 117, FVM 150, AND FVM 160 (all grade C or higher).

FVM 206 - Film/Video Lighting
3 Credit hours  60 Contact hours

Lighting design and aesthetics in interior, exterior, location and studio settings. Students will examine and analyze photographic and motion picture lighting and plan, design and implement their re-creation. Students will then demonstrate and apply technique by shooting specific exercises both in and out of class.

Prerequisite: Acceptance into the Film School AND successful completion or concurrency in (FVM 153 and FVM 205) or FVM 155 (grade C or higher).

FVM 207 - Directing Workshop
3 Credit hours  60 Contact hours

This class is a workshop focusing on the directing process, specifically: interpretation of the script, working with actors, rehearsal, blocking for camera, preparation for shooting, camera motivation and dynamics. Our focus will be on directing actors, playable direction, script analysis, scene breakdown and rehearsal, actor preparation, improvisation as a tool and shot selection.

Prerequisite: Acceptance into the Film School AND successful Completion of FVM 200 or FVM 220 all (grade C or higher).

FVM 208 - Sound for Film/Video
3 Credit hours  60 Contact hours

This introduction to sound for film and video provides instruction on acquisition of audio on location and post-production methods. Students will apply the techniques and tools discussed in class to practical exercises and group environments. Students will analyze sound information to prepare projects for the post-production process and learn to synthesize the acquired results with the visual elements of the story to enhance the emotional impact of a piece. Students will be introduced to sweetening techniques, musical compositions and Foley.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103 (grade C or higher) and successful completion or concurrent enrollment in FVM 105, FVM 117, FVM 150, AND FVM 160 (all grade C or higher).

FVM 209 - Production Management
3 Credit hours  60 Contact hours

This course teaches students how to plan, schedule, and budget for a feature length film or television pilot using Scheduling and Budgeting software. Students will use critical thinking to arrange and divide the script and learn how to predict, calculate, and estimate for insurance
requirements, unions and guilds, and basic accounting to complete a professional industry budget and schedule ready for production. 

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103 (grade C or higher) and successful completion or concurrent enrollment in FVM 105, FVM 117, FVM 150, AND FVM 160 (all grade C or higher).

FVM 211 - Studio Recording for Voice
3 Credit hours  60 Contact hours
Instructs the student in preparation and performance of song and dialogue for the screen. This course includes instruction on preparation and performance on camera and in the studio including studio protocol, microphone techniques, ADR and voicing animated characters. Students will explore sound and its effect on emotion and character and apply acquired techniques to support the story as defined visually.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103, FVM 117 (grade C or higher) and successful completion or concurrency in FVM 105, FVM 150, FVM 160 (grade C or higher).

FVM 212 - Contemporary Global Cinema
3 Credit hours  60 Contact hours
Students will explore some of the major themes and currents in filmmaking from around the globe during the past 40 years including differences between local traditions and transnational industrial and artistic practices, forces of globalization on a culture and its films, and historical and cultural context of the production and reception of individual films. Students will explore the concepts of global cinema, first, second, and third cinema, third-world cinema, and counter cinema.

Prerequisite: Acceptance into the Film School AND successful completion of ENG 122 and (FVM 118 or FVM 153 or FVM 155 or FVM 163 or FVM 164) (grade C or higher).

FVM 213 - Cinematography
3 Credit hours  60 Contact hours
Cinematography elucidates the integration of lighting, camera movement, visual aesthetics and actor blocking necessary for narrative development and character revelation in the translation of script to screen. This course focuses on how entire scenes may captured in a single dynamic camera movement ("sequence shot") that enhances the dramatic presentation of narrative flow and character arc through exploration of the three dimensional set of the scene and its interpretation to the two dimensional space of the screen.

Prerequisite: Acceptance into the Film School AND Successful Completion of FVM 200 and successful completion or concurrent enrollment in FVM 220, all (grade C or higher).

FVM 215 - Post-Production II
3 Credit hours  60 Contact hours
Instructs students in editing techniques using footage shot in FVT 200 Production II and from assigned footage. Students will explore various exercises to learn control and comprehension of digital editing and storytelling and to apply these techniques to the completion of a final edit for Production II. Students will continue to use and gain mastery over non-linear editing systems including an introduction to audio post-production, music creation and placement and color correction. Students will learn to evaluate footage and edit pieces with strong character development and strong narrative structure.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 160 AND Either FVM 220 OR successful completion or concurrent enrollment in FVM 200 all (grade C or higher).

FVM 216 - Producing the Independent Film
3 Credit hours  60 Contact hours
Introduces students to the basic principles of producing the independent feature film. Students will further develop their feature film premise by creating a business plan which includes marketing, financing, and distribution as well as measuring, analyzing and assessing the industry, box office, markets and risk factors. Upon completion of the course, students will be prepared to present their project to prospective investors.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 209 or FVM 236 (grade C or higher).

FVM 217 - Acting for the Screen
3 Credit hours  60 Contact hours
This advanced, third-level acting course is designed for students who want to learn professional skills. Course will provide the students with enhanced acting abilities to develop multiple skills regarding the creation of dramatic characters. Students will learn set protocol, film technology and logistics.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103, FVM 105, FVM 117 (grade C or higher).

FVM 218 - Screen Actor Movement/Action I
3 Credit hours  60 Contact hours
This first level is an introduction to skills that will bring basic movement awareness. This course is designed to expand concepts of movement specifically for film acting by developing a metaphoric language to apply to characterization and enhance the student's general physical ability, observational skills, and confidence when acting.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 103, FVM 117, FVM 150 AND successful completion or concurrency in FVM 105, FVM 160 (grade C or higher).

FVM 219 - Screen Performance Workshop
3 Credit hours  60 Contact hours
This class offers opportunity to perform in advanced student productions and professional projects in this capstone course for the Acting for the Screen Certificate Program. Students will perform a variety of roles, demonstrating ability to create believable characters with convincing through lines. Student will apply textual analysis and character development to performances in this workshop environment. The performances developed in this course will be evaluated and edited into an actor's reel as a component of their professional resume.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 105, FVM 117, FVM 118, FVM 136, FVM 150, FVM 160, FVM 217 (grade C or higher).

FVM 220 - 16MM/HD Production
3 Credit hours  60 Contact hours
Students pitch scripts to class and instructor for selection as 16mm projects, then crew and produce them. Emphasis will be placed on student's ability to tell a compelling story visually, including familiarity with the continuity style of the contemporary movie and a heightened awareness of composition and traditional three-dimensional design, while remaining open to and aware of more avant-garde and experimental forms and approaches.

Prerequisite: Acceptance into the Film School AND Department Approval AND successful completion of (FVM 155 AND FVM 209) OR (FVM 163 OR FVM 164 AND FVM 208) OR (FVM 200 AND FVM 206) OR (FVM 155 AND FVM 200) (all grade C or higher).

FVM 221 - Commercial Media Production
3 Credit hours  60 Contact hours
Focuses on the creation of compelling stories for professional clients designed to stimulate web and/or television audience response. The course will emphasize the demands of focused and brief communication to potential customers through the creation of commercials that surprise
This course introduces the role of the creative producer contrasting historical and contemporary roles. Students will assess, analyze, and compare scripts at the conceptual level in story development to plan, predict, estimate, and design a script from conception through pre-production, production and post-production on a student film project. Students will also begin development on a feature film project by evaluating ideas from magazines, newspapers, novels, short stories, and screenplays. Emphasis will be on the creative process of story development and pre-production as it relates to the craft of producing.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 155 (grade C or higher).

FVM 242 - Writing the TV Spec Script
3 Credit hours 60 Contact hours

Explore how to write teleplays for existing TV shows as a stepping stone toward gaining employment as a professional television writer. Designed as an in-depth study of "spec" television writing, students emulate industry practices by working in a "writer's room" to develop and write teleplays for current TV shows that demonstrate the student's abilities to work within the unique demands of television production.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 155 (grade C or higher).

FVM 243 - Writing for Interactive Games
3 Credit hours 60 Contact hours

Explores interactive storytelling for video and computer games in a project-based learning environment. The course focuses on blending cinematic storytelling and game play through the creation of characters, plots, dialogue and branching story arcs. While the emphasis will be on the creation of branching narrative fiction games, the course will include additional writing skills particular to interactive gaming.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 155 (grade C or better).

FVM 248 - Post-Production Sound
3 Credit hours 60 Contact hours

The Post-Production Sound course continues instruction on the theories and technical aspects of editing, mixing, mastering, and audio synchronization to video and film. Students will evaluate footage acquired on location and work with digital audio workstations to fix problems and create "clean" dialogue and location sounds. The student will be introduced to Automatic Dialogue Replacement and recording audio for video sync. Students will continue to learn to synthesize audio elements (dialogue, music and effects) with the visual elements of the story to enhance the emotional impact of a piece. Students will also continue to explore audio sweetening techniques, musical compositions and Foley.

Prerequisite: Acceptance into the Film School AND successful completion of FVM 208 (grade C or better). It is recommended to take FVM 215 concurrently.

FVM 251 - Feature Script Analysis
3 Credit hours 60 Contact hours

This course is designed to familiarize students with advanced feature screenplay analysis by applying, combining, and integrating story knowledge in the form of written evaluation of material (script coverage). Students will read, analyze, and compare several writers' works from major production companies, studios, and agencies in development and critically evaluate and assess material in order to recommend or pass on the project for future production.

Prerequisite: Acceptance into the Film School AND (successful completion of ENG 122 (grade C or higher) OR successful completion or concurrent enrollment in FVM 155 (grade C or higher)).
FVM 252 - Writing the Independent Film  
3 Credit hours    60 Contact hours  
Designed toward writing low-budget, independent feature-length screenplays, this screenwriting course focuses on turning production ideas into creative opportunities through the innovative use of non-traditional, character-driven narratives. Students will research, conceptualize, outline, write and workshop a complete first draft of a feature-length screenplay.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 251 (grade C or higher).

FVM 262 - Writing the Hollywood Feature  
3 Credit hours    60 Contact hours  
Geared specifically toward writing feature-length screenplays for the spec market, this intensive screenwriting course focuses on genre-based, high-concept Hollywood narratives. Students will conceptualize, outline, and write a complete first draft of a feature-length spec screenplay in a hands-on, workshop environment designed for individuals seeking careers as professional screenwriters.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 251 (grade C or higher).

FVM 263 - Digital Compositing  
3 Credit hours    60 Contact hours  
Covers digital compositing and visual effects (VFX) using industry standard compositing software. The course will design characters, plots, dialogue, and branching story arcs, blending game play with cinematic storytelling. While the emphasis will be on the creation of branching narrative fiction games, the course will demonstrate additional writing skills particular to interactive gaming.  
Prerequisite: Acceptance into the Film School AND FVM 163 or FVM 164 (grade C or better).

FVM 264 - Digital Effects  
3 Credit hours    60 Contact hours  
Introduces Digital Effects software and methods for creating digital effects in the post-production environment. Students will achieve mastery in simple animation and understand the principles of animation as defined historically. Students will analyze style and emotional aesthetic and learn to support story by synthesizing video elements with effects. The coursework covers compositing, alpha channels, 2D and 3D effects.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 163 or FVM 164 (grade C or higher).

FVM 266 - Flash Motion Graphics  
3 Credit hours    60 Contact hours  
Introduces Adobe's Flash software. Students will learn how to prepare motion graphics for streaming on the web. Students will analyze and evaluate other interactive media and develop projects designed to support interactivity with internet based audience. Students will demonstrate comprehension of the techniques used to control the user interface environment. Students will explore the use of the principles of animation as defined historically in an ever-changing medium.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 105, FVM 117, FVM 136, FVM 150, and FVM 160 (grade C or higher).

FVM 267 - Editing Aesthetics  
3 Credit hours    60 Contact hours  
Seeks to uncover the building blocks, personal decisions, and practices that make up the craft of editing. Introduces contemporary applications of rhythm, pace, structure, and general rules of thumb for cutting and examines the historical development of the craft. Students analyze the storytelling techniques of master editors in a variety of genres to help them in the discovery of their own editorial voice.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 215 and (FVM 163 or FVM 164) (grade C or higher).

FVM 268 - Feature Rewrites Workshop  
3 Credit hours    60 Contact hours  
Introduces students to the rewritting process for feature film screenplays. Students will workshop and rewrite first draft screenplays created in FVM 252 or FVM 262 to professional standards. Emphasis is on the rewritting process to revise, edit and refine scripts based on peer review and instructor feedback.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 252 or FVM 262 (grade C or higher). Corequisite: FVM 269.

FVM 269 - Screenwriter's Workshop  
3 Credit hours    60 Contact hours  
Designed as a culminating course for screenwriters, this class prepares students for the transition from student-learners to working professionals. Students will complete final polishes on scripts, prepare a submission plan for screenwriting contests and production companies, write query letters and submit their screenplays to contests and producers. In addition, students will explore the business of professional screenwriting.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 252 or FVM 262 (grade C or higher). Corequisite: FVM 268.

FVM 270 - Film/Video Production III  
3 Credit hours    60 Contact hours  
Students take the developed scripts and pre production work from FVM 229 Production III Preparation, and realize their production during the course of this class. Students polish the screenplay, finish casting, art direction, location scouting, shot listing, location surveys, planning for post, rehearsing, developing acting and directorial charts and realizing performances. Directing, Producing, Cinematography, Post, and Acting students collaborate on creating films and videos that showcase the highest quality of professional production and storytelling values in their finished project. Students complete an assembly edit, schedule and execute any pickups within the course.  
Prerequisite: Acceptance into the Film School AND (FVM 220 and FVM 213) OR (FVM 200 or FVM 220) and FVM 229 and (FVM 207 or successful completion of or concurrent enrollment in FVM 236) (all grade C or higher).

FVM 271 - Post-Production III  
3 Credit hours    60 Contact hours  
This course is a companion course to the Production III class and will continue to instruct students in advanced techniques in Final Cut Pro and on the integration of third party software applications. Students will directly apply the techniques from this class to the edit of their Production III project. Students will complete polished and professional edits including sophisticated use of sound, titles, and music in the realization of character, narrative, and thematic goals.  
Prerequisite: Acceptance into the Film School AND successful completion of FVM 215 AND (FVM 207, FVM 229, FVM 270) OR (successful completion or concurrency in FVM 165, FVM 248, FVM 264) (ALL grade C or higher).

FVM 273 - Professional Documentary Production  
3 Credit hours    60 Contact hours  
The Professional Documentary Production class allows students to propose, research, write and shoot their own original documentary projects, or to engage in the work with non-profit clients in a professional
Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification. Course is conducted through an integrated process of lecture, discussion, and laboratory assignments and may be transferred to colleges and universities as a science credit.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

GEY - Geology Courses

GEY 111 - Physical Geology, with Lab (GT-SC1)
4 Credit hours 90 Contact hours

Introduces the major topics of geology. Course content encompasses Earth’s materials, structure, and surface landforms. Geologic time and the geologic processes responsible for Earth’s internal and external features are covered. This course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of CCR 094 (grade C or higher) AND Department Permission.

GEY 115 - Historical Geology, with Lab (GT-SC1)
4 Credit hours 90 Contact hours

Covers the development of Earth through the vast span of geologic time. Emphasis is on the investigation and interpretation of sedimentary rocks and features, the record of ancient environments, fossil life forms, and physical events in Earth’s history within the framework of plate tectonics. This course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of GEY 111 (grade C or higher) or permission of Instructor.

GEY 135 - Environmental Geology, with Lab (GT-SC1)
4 Credit hours 60 Contact hours

Introduces the subject of geology as it relates to human activities. Geologic hazards such as floods, landslides, earthquakes, and volcanoes are investigated. Mineral, energy, soil, and water resources are discussed in terms of their geologic formation and identification, usage by society, and associated environmental impacts. Land use issues, waste, and pollution are also examined.

Prerequisite: Successful completion of CCR 094 (grade C or higher) AND Department Permission.

HIS - History Courses

HIS 101 - Western Civilization: Antiquity - 1650 (GT-HI1)
3 Credit hours 45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 111 - The World: Antiquity - 1500 (GT-HI1)**
3 Credit hours  45 Contact hours

Explores trends within events, peoples, groups, ideas, and institutions in World History from antiquity to 1500. 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 course focuses on common cultural trends. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 112 - The World: 1500 - Present (GT-HI1)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 121 - US History to Reconstruction (GT-HI1)**
3 Credit hours  45 Contact hours

Explores trends within events, peoples, groups, ideas, and institutions in World History since 1500 as well as on common cultural trends. 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 122 - US History Since Civil War (GT-HI1)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 205 - Women in World History (GT-HI1)**
3 Credit hours  45 Contact hours

Examines the roles, experiences, and contributions of women in world history and explores ways in which women's history modifies the traditional interpretations of historical events. 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 208 - American Indian History (GT-HI1)**
3 Credit hours  45 Contact hours

Analyzes historical and socio-cultural change for Native Americans from pre-colonial America to the present, emphasizing those processes and relations with non-Native Americans which have contributed to current conditions. 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 215 - Women In U.S. History (GT-HI1)**
3 Credit hours  45 Contact hours

Examines women’s changing roles in American history. It explores the nature of women’s work and the participation of women in family, political, religious, and cultural activities and in social reform movements. 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 225 - Colorado History (GT-HI1)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 244 - History of Latin America (GT-HI1)**
3 Credit hours  45 Contact hours

Focuses on the major political, economic, social, and cultural influences that have shaped Latin America from pre-European conquest to the present. Emphasizes the early history of Latin America but connects it 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HIS 247 - 20th Century World History (GT-HI1)**
3 Credit hours  45 Contact hours

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
Community College of Aurora 2021-2022 Catalog

Studies the Anatomical Basis of Human Movement.

HPR 119 - Computers in Health Care
2 Credit hours 30 Contact hours
Introduces basic computer technology, file management, and PC system components as used in Health Care settings. Provides an overview of word processing, spreadsheets, and personal information management software. Introduces the Electronic Health Record (EHR), its content, EHR software, EHR management, patient management and scheduling, and privacy and security of the EHR.

HPR 123 - Introduction to Health Care
2 Credit hours 30 Contact hours
Introduces health sciences with an overview of the five pathways that make up the health science cluster. The course addresses the foundation standards including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare.

HPR 124 - Health Career Practices
2 Credit hours 30 Contact hours
Introduces the concepts and skills needed for a career in health care incorporating foundational theory with technical skills. The course focuses on health occupations, health settings, careers, and principles of patient care; concepts of ethics and bioethics; safety practices including infection control, personal and environmental safety, and emergency procedures and protocols; common and emerging diseases and disorders. The course consists of fundamental skills of basic care and reviews, medical math, cardiopulmonary resuscitation (CPR), and first aid.

HPR 144 - Comprehensive Medical Terminology
3 Credit hours 45 Contact hours
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.

HPR 175 - Special Topics
0-12 Credit Hours 0-180 Contact Hours
Presents an overview of the special topic including one aspect of the earth and its history as recorded in rocks and rock formations. May also include current changes and impact of historical events, exploration of current topics, issues, and activities related to one or more aspects of the named discipline.

Prerequisite: See semester schedule for required prerequisites.

HPR 180 - Internship (Phlebotomy)
Credit hours 3 Contact hour 90
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 business location and with the direct guidance of the instructor.

Prerequisite: Successful completion or concurrency in HPR 112 (grade C or better).

HPR 190 - Basic EKG Interpretation
2 Credit hours 30 Contact hours
Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Twelve-lead EKG may be discussed.

Prerequisite: Department Approval.

HPR 275 - Special Topics
1-12 Credit Hours 15-180 Contact Hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Prerequisite: Department Permission.

**HPR 289 - Capstone**
0-12 Credit hours  0-200 Contact hours

Facilitates transition from student to graduate through a comprehensive application of knowledge by preparing students to take their national certification exam as required by industry for employment.

**HUM - Humanities Courses**

**HUM 115 - World Mythology (GT-AH2)**
3 Credit hours  45 Contact hours

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HUM 121 - Humanities: Early Civilizations (GT-AH2)**
3 Credit hours  45 Contact hours

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HUM 122 - Humanities: Medieval-Modern (GT-AH2)**
3 Credit hours  45 Contact hours

Examines written texts, visual arts, and musical compositions to analyze and reflect the evolution and confluence of cultures in Europe, Asia and the Americas from 800 C.E. to 1750 C.E.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HUM 123 - The Modern World (GT-AH2)**
3 Credit hours  45 Contact hours

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score.

**HUM 275 - Special Topics**
0-12 Credit hours  15-90 Contact hours

Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

**HWE - Health Wellness Education Courses**

**HWE 100 - Human Nutrition**
3 Credit hours  45 Contact hours

Introduces basic principles of nutrition with emphasis on personal nutrition. This course focuses on macro and micro nutrients and their effects on the functions of the human body. Special emphasis is placed on the application of wellness, disease, and lifespan as it pertains to nutrition.
Prerequisite: Successful completion on CCR 092 (grade C or higher) or equivalent assessment score.

**HWE 109 - Weight Management and Exercise**
2 Credit hours  30 Contact hours

Offers guided instruction in weight management and exercise to students interested in learning more about weight control. Emphasis is place on the development of weight management programs, review of current trends and diets, essential nutrients, eating disorders, special populations, and the role of exercise in weight management.

**HWE 110 - Fitness Conditioning and Wellness**
2 Credit hours  30 Contact hours

Provides the proper techniques and guidelines for a student to develop a personal lifetime program that improves fitness and promotes preventive care and personal wellness. In addition, this course offers instruction in cardio-vascular endurance, muscular strength and endurance training, flexibility training, and body composition management to meet individual needs.
Prerequisite: Permission of the Instructor.

**HWE 124 - Fitness and Wellness**
2 Credit hours  30 Contact hours

Provides information on fitness and wellness and to serve as a guide to design, implement, and evaluate a complete personal fitness and wellness program. The course integrates the basic components of fitness and wellness in understanding human health in order to achieve well-being. This course offers current information in the health field and provides self-assessments for health risk and wellness behaviors. This includes lifestyle modification, nutrition, weight management, stress management, cardiovascular and cancer risk reduction, exercise and aging, exercise related injury, exercise and the environment, prevention of sexually transmitted diseases, substance abuse (including tobacco, alcohol and other psychoactive drugs), and analysis and interpretation of research publications and web sites in health and wellness.
Prerequisite: Permission of the Instructor.

**HWE 136 - Skills and Methods of Teaching Weight Training**
3 Credit hours  45 Contact hours

This Skills and Methods of Teaching Weight Training class is intended for students in the Human Performance Program. It is designed to acquaint the student with the basic skills, methods and techniques necessary to be a competent exercise leader in the area of resistance training. Emphasis will be placed on understanding selection of appropriate teaching progressions that relate to the weight room and fitness facility as well as the science of human motion and muscle/joint structure and function as it relates to fitness.
Prerequisite: Permission of the Instructor.

**HWE 230 - Exercise and Sports Psychology**
3 Credit hours  45 Contact hours

Teaches students how to apply behavioral principles and techniques that may help people increase their motivation to exercise and change health-imparing behaviors. The course is based on research, theory, and practical application in the field of physical activity. Examination of theories and current research related to sport and exercise behavior will be covered. The student will be introduced to the field of kinesiology by providing a broad overview of the major topics in the area. THIS COURSE WILL NOT FULFILL AN AA TRANSFER CREDIT FOR PSYCHOLOGY.
Prerequisite: Permission of the Instructor.
Discusses the concepts of improved performance in all fitness areas. Emphasis is placed upon updated information associated with nutrition and human performance. Measurement of body composition is used as it correlates to training and diet/exercise programs.

Prerequisite: Permission of the Instructor.

HWE 245 - Physiology of Exercise
3 Credit hours 45 Contact hours

Introduces the student to the physiological responses and adaptations of individuals to exercise as well as the application to sports medicine, rehabilitation and general fitness. The laboratory provides experiences that demonstrate the underlying theoretical constructs that govern physiological responses and adaptations to exercise.

Prerequisite: Permission of the Instructor.

HWE 248 - Exercise Testing Prescription
3 Credit hours 45 Contact hours

Provides the opportunity to conduct and practice fitness assessments. Fitness test results are evaluated and interpreted to develop an individualized exercise prescription that adheres to national standards.

Prerequisite: Permission of the Instructor.

HWE 250 - ACE Personal Trainer Prep
2 Credit hours 30 Contact hours

Provides the student with theoretical knowledge and practical skills in preparation for the American Council on Exercise (ACE) national certification exam in personal training. Topics include guidelines for instructing safe, effective, and purposeful exercise, essentials of the client-trainer relationship, conducting health and fitness assessments, and designing and implementing appropriate exercise programming.

Prerequisite: Permission of the Instructor.

HWE 255 - Certified Personal Trainer Preparatory Course
3 Credit hours 45 Contact hours

Provides knowledge and skills to prepare for a nationally recognized personal training certification. The course includes the development and implementation of exercise programs for healthy populations, and for individuals with medical clearance to exercise.

Prerequisite: Permission of the Instructor.

HWE 275 - Special Topics
0-12 Credit hours 15-90 Contact hours

Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

Prerequisite: Permission of the Instructor.

LEA - Law Enforcement Academy Courses

LEA 101 - Basic Police Academy I
6 Credit hours 180 Contact hours

Conforms to Colorado P.O.S.T. standards and State certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a peace officer. Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 102 - Basic Police Academy II
12 Credit hours 270 Contact hours

Conforms to P.O.S.T. standards and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a police officer. Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 103 - Basic Law Enforcement Academy III
2 Credit hours 60 Contact hours

Enhances the standards established by the P.O.S.T. Board and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on expanding the P.O.S.T. curriculum to create a unique learning experience.

LEA 104 - Basic Law Enforcement Academy IV
1 Credit hour 15 Contact hours

Enhances the standards established by the P.O.S.T. Board and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on expanding the P.O.S.T. curriculum to create a unique learning experience.

LEA 105 - Basic Law
8 Credit hours 120 Contact hours

Covers constitutional and procedural considerations affecting arrest, search and seizure, and civil liability. Includes the Colorado criminal, liquor, controlled substance, and children’s code. Emphasizes victim’s rights and court room testimony.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 106 - Arrest Control Techniques
3 Credit hours 148 Contact hours

Covers the skill, knowledge, and abilities necessary to effectively maintain control of a suspect when making an arrest. Emphasizes the continuum of force and de-escalation of force.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 107 - Law Enforcement Driving
3 Credit hours 67.5 Contact hours

Covers the skills, knowledge, and abilities required for operation of a law enforcement vehicle. Defensive driving will be stressed. Students will demonstrate skills by driving a vehicle under simulated conditions.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 108 - Firearms
3 Credit hours 72 Contact hours

Discusses the skills, knowledge, and abilities necessary to safely use police firearms. Students will demonstrate skills by firing weapons on a firing range. Students will demonstrate basic safety techniques and will explain the firearm’s role within the continuum of force.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 118 - Report Writing
3 Credit hours 45 Contact hours

Identifies the areas of concern in regards to proper documentation of police-related activities. Focuses on report-writing skills, proper structuring of interviews, and chronological documentation of events. Proper sentence structure, the use of correct terminology, and accuracy in written reports.

LEA 126 - Patrol Procedures
3 Credit hours 45 Contact hours

Features an in-depth study of the basic knowledge and skills required of a peace officer to safely and effectively accomplish patrol procedure.
LEA 160 - P.O.S.T. Refresher Academy
6 Credit hours  180 Contact hours

Allows refresher training for individuals who have held a P.O.S.T. certificate in the past or who hold a P.O.S.T. certificate from a State that has a reciprocity agreement with the Colorado P.O.S.T. organization. This course of instruction is designed by Colorado P.O.S.T. The course of instruction covers: Administration of Justice, Basic Law, Patrol Procedures, Use of Force, Law Enforcement Driving and a Firearms Training Program.

Prerequisite: Requires acceptance to CCA Police Academy.

LEA 240 - Criminal Investigations
3 Credit Hours  45 Contact hours

Warning: This class may expose students to extremely graphic images of authentic crime scenes; lectures may include detailed descriptions and photo work of homicides and other crimes of violence. Introduces investigation methods and procedures from preliminary through the follow-up stages.

**LIT - Literature Courses**

**LIT 115 - Introduction to Literature (GT-AH2)**
3 Credit hours  45 Contact hours

Introduces fiction, poetry, and drama. This course emphasizes active and responsive reading. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 175 - Special Topics**
1-12 Credit hours  15-90 Contact hours

Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

**LIT 201 - World Literature to 1600 (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 202 - World Literature after 1600 (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 205 - Ethnic Literature (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 211 - American Literature to Civil War (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 212 - American Literature after Civil War (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 221 - British Literature to 1770 (GT-AH2)**
3 Credit hours  45 Contact hours

Examines major works of British literature from the Anglo-Saxon period through the 17th century. Explores the historical, political, and social contexts of the works as well as the major themes which reflect and/or critique the social assumptions and values of the times. Besides fostering an understanding of works essential to western culture, the course will examine 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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 222 - British Literature since 1770 (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 225 - Introduction to Shakespeare (GT-AH2)**
3 Credit hours  45 Contact hours

Examines works by William Shakespeare, focusing on a careful reading of these works as well as an exploration of pertinent contextual and historical information. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

**LIT 246 - Literature of Women (GT-AH2)**
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.
LIT 255 - Children's Literature (GT-AH2)
3 Credit hours  45 Contact hours
Examines the criteria for selecting appropriate literature for children. Explores literature through a variety of genres, age levels, values taught through literature, and literary and artistic qualities of various texts. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

LIT 258 - Latinx Literature
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

LIT 259 - Survey of African American Literature (GT-AH2)
3 Credit hours  45 Contact hours
Examines African American literature from 1750 to the present. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment score.

LIT 275 - Special Topics
1-12 Credit hours  15-90 Contact hours
Provides the student with a vehicle to pursue in depth exploration of special topics of interest, through critical reading and analysis.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

**MAN - Management Courses**

MAN 105 - Logistics Management
3 Credit hours  45 Contact hours
Introduces the fundamental facets of logistics in supply chain management utilizing a systems approach to: manage activities associated with traffic, logistical support, regulations, transportation, inventory management and control, warehousing, packaging, order processing, and materials handling.
Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent test scores.

MAN 116 - Principles of Supervision
3 Credit hours  45 Contact hours
Defines supervision, examines the functions of a supervisor, explains the necessary skills for successful supervision, relates supervision with human resources, and discusses supervisory challenges.
Prerequisite: Department Permission Required.

MAN 156 - Problem Solving-Business Environment
3 Credit hours  45 Contact hours
Introduces problem solving and decision making processes associated with a business environment.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 168 - Basic Process Controls
2 Credit hours  30 Contact hours
Introduces the basic terminology and concepts of Statistical Process Control (SPC) for managers. The course explores process capability and variation with emphasis on the practice of the seven quality tools to find and remove causes of process variation. Discussion focuses on the basic uses and identification of statistical tools and application of these tools.
Prerequisite: Successful completion (grade C or better) of MAN 105.

MAN 200 - Human Resources Management I
3 Credit hours  45 Contact hours
Provides an overview of the contemporary issues, theories, and principles used to effectively manage human resources. Topics covered include job analysis and design, talent acquisition and retention, planning and recruiting human resources, selecting employees, job placement, employee training and performance management, selecting employees, compensation and benefits, and retaining employees.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 201 - Human Resources Management II
3 Credit hours  45 Contact hours
Offers a strategic discussion of concepts of human resources utilizing practical application and theory. Emphasizes human resource trends, equal opportunity and safety, workforce training and development, appraising and improving performance, labor relations, legal and global issues in human resources.
Prerequisite: Successful completion of MAN 200 (grade C or higher).

MAN 215 - Organizational Behavior
3 Credit hours  45 Contact hours
Introduces the behaviors of groups and individual members of organizations and how to influence their behavior. Emphasis is on the tools managers use to achieve organizational effectiveness.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 225 - Managerial Finance
3 Credit hours  45 Contact hours
Examines the concepts and techniques used to analyze financial accounting information for managerial planning, decision-making, and control. Additionally, the course discusses decision-making relating to the areas of budgets, forecasts, cost volume production, Return on Investment (ROI) and financial statements.
Prerequisite: Successful completion of ACC 121 or BUS 202 (grade C or higher).

MAN 226 - Principles of Management
3 Credit hours  45 Contact hours
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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 288 - Practicum
3 Credit hours  45 Contact hours
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 business location and with the direct guidance of the instructor.
Prerequisite: Successful completion of ENP 105 (grade C or higher).
**MAT - Mathematics Courses**

**MAT 050 - Quantitative Literacy**
4 Credit hours  60 Contact hours

Develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real world applications. Topics in the course include ratios, proportions, percents, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. This course prepares students for Math, Liberal Arts, Statistics, Integrated Math, and college level career math courses.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 200+ or NGAF 200+, Accuplacer EA 20+, SAT Math 200+). Corequisite: .

**MAT 055 - Algebraic Literacy**
4 Credit hours  60 Contact hours

Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations, systems of linear equations in two variables, related applications, and linear inequalities. This course prepares students for MAT 121 College Algebra and MAT 123 Finite Math.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 200+, Accuplacer EA 45+, SAT Math 430+, ACT 17+). Corequisite: .

**MAT 080 - Special Topics: Algebra Onboarding**
Credit hours 3  Contact hours 45

This course provides key prerequisite content necessary for College Algebra.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGQA 265+, or NGAF 200+, Accuplacer EA 60+, SAT Math 500+, ACT 18+).

**MAT 092 - Quant Lab**
1 Credit hour  30 Contact hour

Supports skill development for students registered in Math for Liberal Arts, Introduction to Statistics, or Integrated Math. Topics covered in this course include those defined in these courses and/or any prerequisite skills needed by the student.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 240+, NGQA 200+, Accuplacer EA 40+, SAT Math 400+, ACT 17+).

**MAT 093 - Algebra Lab**
1 Credit hour  30 Contact hour

Supports skill development for students registered in MAT 121. Topics covered in this course include those defined in MAT 121 and/or any prerequisite skills needed by the student.


**MAT 103 - Math for Clinical Calculations**
3 Credit hours  45 Contact hours

Covers the mathematical calculations needed for enteral and parenteral medication administration. It is designed for students in the health disciplines. Topics include measurements, conversion between various systems of measurements, and methods of solving problems related to drug dosage and medication administration.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 200+, NGQA 200+, or NGAF 200+, Accuplacer EA 20+, SAT Math 200+).

**MAT 107 - Career Mathematics**
3 Credit hours  45 Contact hours

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.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 200+, NGQA 200+, or NGAF 200+, Accuplacer EA 20+, SAT Math 200+).

**MAT 120 - Mathematics for Liberal Arts: GT-MA1**
4 Credit hours  60 Contact hours

Develops mathematical and problem-solving skills. Appropriate technological skills are included. Content is selected to highlight connections between mathematics and the society in which we live. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional content will include one topic in geometry, numeration systems, decision theory, or management science. Graphing calculator required.

Prerequisite: MAT 050 or Qualifying assessment scores (Next Generation Accuplacer NGAR 265+, NGQA 240+, and NGAF 235+, Accuplacer EA 60+, SAT Math 500+, ACT Math 19+).

**MAT 121 - College Algebra: GT-MA1**
4 Credit hours  60 Contact hours

Includes a brief review of intermediate algebra, equations and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series, permutations and combinations, the binomial theorem, and theory of equations. Graphing calculator required.
180| Community College of Aurora 2021-2022 Catalog

**MAT 122 - College Trigonometry: GT-MA1**
3 Credit hours  45 Contact hours
Topics include trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence. Graphing calculator required.

Prerequisite: Successful completion of MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer NGAF 245+, Accuplacer EA 85+, ACCM 40, ACT Math 23+, SAT Math 560+).

**MAT 123 - Finite Mathematics: GT-MA1**
4 Credit hours  60 Contact hours
Covers topics including functions, matrix algebra, linear programming, and an introduction to probability and counting techniques. Emphasis is on applications. May include other topics such as statistics when time permits. Primarily intended for business, life science, or social science majors. Graphing calculator required.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAF 245+, Accuplacer EA 85+, ACCM 40, ACT Math 23+, SAT Math 560+).

**MAT 125 - Survey of Calculus: GT-MA1**
4 Credit hours  60 Contact hours
Includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions. For business, life science, and/or social science majors. Graphing calculator required.

Prerequisite: Successful completion of MAT 121 or MAT 123 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer NGAF 280+, Accuplacer CM 63+, SAT Math 700+, ACT Math 24+).

**MAT 135 - Introduction to Statistics: (GT-MA1)**
3 Credit hours  45 Contact hours
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.

Prerequisite: MAT 050 or Qualifying assessment scores (Next Generation Accuplacer NGAR 265+, NGQA 240+, and NGAF 235+, Accuplacer EA 60+, SAT Math 500+, ACT Math 19+). Corequisite: .

**MAT 155 - Integrated Math I (GT-MA1)**
3 Credit hours  45 Contact hours
Engages students in the concepts underlying elementary level mathematics. The course emphasizes critical thinking and applications. Topics include the structure of number systems, an analysis of numerical operations, set properties, numerical and geometric patterns, and a variety of problem solving skills. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 240+, NGQA 200+, or NGAF 200+, Accuplacer EA 40+ or CM 20+, SAT Math 400+, ACT Math 17+).

**MAT 156 - Integrated Math II (GT-MA1)**
3 Credit hours  45 Contact hours
Engages students in the concepts underlying elementary level mathematics. The course emphasizes critical thinking and applications. Topics include probability, statistics, measurement, Euclidean geometry, and algebraic methods. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

Prerequisite: Qualifying assessment scores (Next Generation Accuplacer NGAR 240+, NGQA 200+, or NGAF 200+, Accuplacer EA 40+ or CM 20+, SAT Math 400+, ACT Math 17+).

**MAT 166 - Pre-Calculus: (GT-MA1)**
5 Credit hours  75 Contact hours
Review course in college algebra and college trigonometry intended for those planning to take calculus. Includes algebraic manipulations, properties of algebraic and trigonometric functions and their graphs, trig identities and equations, conic sections, polar coordinates and parametric equations. Graphing calculator required.

Prerequisite: Successful completion of MAT 121 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer NGAF 280+, Accuplacer CM 63+, SAT Math 700+, ACT Math 24+).

**MAT 201 - Calculus I: GT-MA1**
5 Credit hours  75 Contact hours
Introduces single variable calculus and analytic geometry. Includes limits, continuity, derivatives, and applications of derivatives as well as indefinite integrals and some applications. Graphing calculator required.

Prerequisite: Successful completion of MAT 122 or MAT 166 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer NGAF 300+, Accuplacer CM 103+, SAT Math 760+, ACT Math 25+).

**MAT 202 - Calculus II: GT-MA1**
5 Credit hours  75 Contact hours
Continues the study of single variable calculus which will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series. Graphing calculator required.

Prerequisite: Successful completion of MAT 201 (grade C or higher).

**MAT 203 - Calculus III: GT-MA1**
4 Credit hours  60 Contact hours
Focuses the traditional subject matter of the Calculus. Topics include vectors, vector-valued functions, and multi-variable calculus including partial derivatives, multiple integrals, line integrals and application.

Prerequisite: Successful completion of MAT 202 (grade C or higher).

**MAT 204 - Calculus III with Engineering Applications: GT-MA1**
5 Credit hours  75 Contact hours
Focuses on the competencies established in MAT 203 Calculus III with an additional emphasis on word problems and problem solving. This is the third course in the three-course calculus sequence. This course will additionally contain a thorough examination of multiple integration. This will include double and triple integrals, line integrals, Stokes’ and Green’s Theorems, and their applications. A graphing calculator is required for this course.

Prerequisite: Successful completion of MAT 202 (grade C or higher).

**MAT 220 - Intro to Proof and Reasoning**
3 Credit hours  45 Contact hours
Introduces the beginning concepts of mathematical proofs and reasoning. The topics are: truth tables, propositional calculus, techniques of proofs (direct proofs, contrapositive proofs, proofs by contradiction), set theory, functions, one-to-one functions, onto functions, relations, equivalence relations, and induction.

Prerequisite: Successful completion of MAT 202 (grade C or higher).
MAT 255 - Linear Algebra
3 Credit hours  45 Contact hours
Explores vector spaces, matrices, linear transformations, matrix representations, eigenvalues, and eigenvectors. Graphing calculator required.
Prerequisite: Successful completion of MAT 202 (grade C or higher).

MAT 261 - Differential Equations with Engineering Applications: GT-MA1
4 Credit hours  60 Contact hours
This course introduces ordinary differential equations. The content of this course includes all the topics of MAT 265 Differential Equations with an additional emphasis on applications and problem solving. A graphing calculator is required for this course.
Prerequisite: Successful completion of MAT 202 (grade C or higher).

MAT 265 - Differential Equations: GT-MA1
3 Credit hours  45 Contact hours
Explores techniques of problem solving and applications. Topics include first, second, and higher order differential equations, series methods, approximations, systems of differential equations, and Laplace transforms.
Prerequisite: Successful completion of MAT 202 (grade C or higher).

MAT 266 - Differential Equations with Linear Algebra
4 Credit hours  60 Contact hours
Prerequisite: Successful completion of MAT 202 (grade C or higher).

MAT 275 - Special Topics
0-12 Credit hours  15-90 Contact hours
Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

MGD - Multimedia & Graphic Design

MGD 102 - Introduction to Multimedia
3 Credit hours  60 Contact hours
Introduces the basic components of multimedia: text, graphics, animation, sound, and video. Students gain an introductory knowledge of various multimedia and design software programs. Students gain hands-on, technical, conceptual and aesthetic experience pertaining to the creation of multi-dimensional design and time-based media via an array of projects and demonstrations. Students will be introduced to career opportunities within multimedia fields.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test scores.

MGD 105 - Type & Layout
3 Credit hours  60 Contact hours
Covers the creation and production of graphic projects, emphasizing the layout creative design process, problem solving, and research. Provides experience producing thumbnails, roughs and digital layouts emphasizing refined creative typography.
Prerequisite: Successful completion of MGD 111, 112, and 114 (grade C or higher).

MGD 111 - Adobe Photoshop I
3 Credit hours  60 Contact hours
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.
Prerequisite: Successful completion or concurrency in MGD 102 (grade C or higher) or department approval.

MGD 112 - Adobe Illustrator I
3 Credit hours  60 Contact hours
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.
Prerequisite: Successful completion or concurrency in MGD 102 (grade C or higher) or department approval.

MGD 114 - Adobe InDesign
3 Credit hours  60 Contact hours
Introduces students to InDesign, a page layout program which integrates seamlessly with other Adobe design programs. InDesign delivers creative freedom and productivity to DTP. Class discussions and independent projects supplement hands-on classroom work.
Prerequisite: Successful completion or concurrency in MGD 102 (grade C or higher) or department approval.

MGD 119 - Maya I
3 Credit hours  60 Contact hours
Introduces students to Maya, a high-end character animation tool. Emphasis is on building models of various types. Students learn setting up and animating scenes for render in movie format.
Prerequisite: Film Video: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher).

MGD 133 - Graphic Design I
3 Credit hours  60 Contact hours
Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures.
Prerequisite: Successful completion or concurrency in MGD 105 (grade C or higher) or department approval.

MGD 141 - Web Design I
3 Credit hours  60 Contact hours
Introduces web site planning, design and creation utilizing HTML through industry-standard development tools [may list specific software]. Emphasis is placed on applying stylistic decisions using cascading style sheets. Web-based considerations regarding color, typography, aesthetics, user interface design, and process integration with visual-based design tools will be explored.
Prerequisite: Successful completion of MGD 102 and CWB 110 (grade C or higher).

MGD 143 - Motion Graphic Design I (Software)
3 Credit hours  60 Contact hours
Stresses creation of animation and dynamic interactive media for web and multimedia applications to a professional standard. Students will learn how develop projects for time-based media, key-frames, tweens and
MUS - Music Courses

MUS 100 - Introduction to Music Theory I
3 Credit hours  45 Contact hours
Focuses on the foundational elements of music theory. The course will cover clef reading, pitch and rhythmic notation, intervals, scales, key signatures, triads and diatonic chords, and an introduction to ear training and sight singing. The course will help beginning music students, including those who have limited background reading music notation and understanding the fundamentals of music theory.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 106 - Intro to Songwriting
3 Credit hours  45 Contact hours
Examines the various processes and styles of songwriting and offers techniques and ideas for creating songs ranging from functional to original. You will explore the common factors in all styles of songwriting, and use them to bring out creative song ideas whether you have written songs before or have just always wanted to see if you could. A basic knowledge of music reading for any instrument and elementary music theory is recommended, but not required.

MUS 107 - Entrep/Artistry for Musicians
3 Credits  45 Contact Hours
Guides students interested in careers as music artists/entrepreneurs in today’s evolving music entertainment industry. Course explores practical aspects of entrepreneurial artistry development: artist branding, creative habits, professional development, social influence, financial considerations, aesthetics, health, and self-promotion as these relate to planning, crafting, and sustaining a career in the music entertainment industry.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 110 - Music Theory I
3 Credit hours  45 Contact hours
Reviews and builds upon music fundamentals, diatonic harmony, phrase structure, and analysis. The course introduces voice leading and four part harmony in root position and inversions.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores. Corequisite: MUS 112 Ear Training/Sight Singing I.

MUS 111 - Music Theory II
3 Credit hours  45 Contact hours
Introduces harmony through four-part writing studying principles of harmonic progression, modulation, diatonic seventh chords, secondary dominants, keyboard harmony, and score analysis of binary and ternary form.

Prerequisite: Successful completion of MUS 110 (grade C or higher). Corequisite: MUS 113 Ear Training/Sight Singing II.

MUS 112 - Ear Training/Sight Singing Lab I
1 Credit hour  15 Contact hours
Provides exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation. The course will include performance of melodies and rhythmic reading exercises. Ear training dictation topics includes rhythm, intervals, diatonic scales, melody, triad types, and scales.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores. Corequisite: MUS 110 Music Theory I.

MUS 113 - Ear Training/Sight Singing Lab II
1 Credit hour  15 Contact hours
Continues to develop sight singing, rhythm reading, and dictation skills. The course includes expanded exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation, as well as performance of melodies and rhythmic reading exercises. This course includes ear training topics.

Prerequisite: Successful completion of MUS 112 (grade C or higher). Corequisite: MUS 111 Music Theory II.

MUS 120 - Music Appreciation (GT-AH1)
3 Credit hours  45 Contact hours
Covers the basic materials of music, musical forms, media, genres, and musical periods. Emphasizes the development of tools for intelligent listening and appreciation.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 121 - Music History: Medieval through Classical Period (GT-AH1)
3 Credit hours  45 Contact hours
Studies of various periods of music history with regard to the composers, aesthetics, forms, and genres of each period. Considers music from the Middle Ages through the Classical period.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 122 - Music History Early Romantic Period to the Present (GT-AH1)
3 Credit hours  45 Contact hours
Continues Music History I with a study of music from the early Romantic period to the present.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 123 - Survey of World Music (GT-AH1)
3 Credit hours  45 Contact hours
Provides an overview of non-Western music from around the world; provides basic listening skills and the historical/cultural context for a variety of world music styles to enable an understanding and appreciation of non-Western musical expression.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 125 - History of Jazz (GT-AHL)
3 Credit hours  45 Contact hours

Provides a survey of the basic materials of music and the forms, media, genres, historical, and cultural style periods of jazz. It emphasizes the development of tools for intelligent listening and appreciation.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 126 - History of Rock and Pop
3 Credit hours  45 Contact hours

Provides a survey of basic materials of music, musical forms, media, genres, and musical periods of Rock and Pop music. It emphasizes the development of tools for intelligent listening and appreciation. There is no prerequisite.

MUS 131 - Music Class
2 Credit hours  45 Contact hours

Applies the fundamentals of music to the voice or specific musical instruments. This course also introduces basic techniques, repertoire, and sight-reading. First year, first term.

MUS 141 - Private Instruction
1-2 Credits  8-15 Credit hours

One credit primarily for non-music majors, two credits for music majors planning to transfer to a four-year school. One credit consists of a 30 minute lesson per week in the fall and spring semesters and a 45 minute lesson in the summer semester; two credits consists of a 60 minute lesson per week for the fall and spring semesters and a 90 minute lesson per week for the summer semester.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores. Regular attendance at and participation in student performances is required. Private lessons must be taken in sequence beginning with MUS 141. Please contact instructor after enrolling to schedule private lessons.

MUS 142 - Private Instruction
1-2 Credits  8-15 Contact hours

One credit primarily for non-music majors, two credits for music majors planning to transfer to a four-year school. One credit consists of a 30 minute lesson per week in the fall and spring semesters and a 45 minute lesson in the summer semester; two credits consists of a 60 minute lesson per week for the fall and spring semesters and a 90 minute lesson per week for the summer semester.

Prerequisite: Successful completion of CCR 092 (grade C or higher). Regular attendance at and participation in student performances is required. Private lessons must be taken in sequence beginning with MUS 141. Please contact instructor after enrolling to schedule private lessons.

MUS 143 - Private Instruction
1-2 Credit hours  8-15 Contact hours

One credit primarily for non-music majors, two credits for music majors planning to transfer to a four-year school. One credit consists of a 30 minute lesson per week in the fall and spring semesters and a 45 minute lesson in the summer semester; two credits consists of a 60 minute lesson per week for the fall and spring semesters and a 90 minute lesson per week for the summer semester.

Prerequisite: Successful completion of CCR 092 (grade C or higher). Regular attendance at and participation in student performances is required. Private lessons must be taken in sequence beginning with MUS 141. Please contact instructor after enrolling to schedule private lessons.

MUS 144 - Private Instruction
1-2 Credit hours  8-15 Credit hours

One credit primarily for non-music majors, two credits for music majors planning to transfer to a four-year school. One credit consists of a 30 minute lesson per week in the fall and spring semesters and a 45 minute lesson in the summer semester; two credits consists of a 60 minute lesson per week for the fall and spring semesters and a 90 minute lesson per week for the summer semester.

Prerequisite: Successful completion of MUS 143 (grade C or higher) or equivalent assessment scores. Regular attendance at and participation in student performances is required. Private lessons must be taken in sequence beginning with MUS 141. Please contact instructor after enrolling to schedule private lessons.

MUS 151 - Ensemble I
1 Credit hour  30 Contact hours

Rehearses and performs various types of musical literature.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 152 - Ensemble II
1 Credit hour  30 Contact hours

Rehearses and performs various types of musical literature.

Prerequisite: Successful completion of MUS 151 (grade C or higher).

MUS 153 - Ensemble III
1 Credit hour  30 Contact hours

Rehearses and performs various types of musical literature.

Prerequisite: Successful completion of MUS 152 (grade C or higher).

MUS 154 - Ensemble IV
1 Credit hour  30 Contact hours

Rehearses and performs various types of musical literature.

Prerequisite: Successful completion of MUS 153 (grade C or higher).

MUS 161 - Computer Music Applications I
3 Credit hours  45 Contact hours

Introduces audio signal flow, Digital Audio Workstation (DAW), current computer music software, digital audio practices, Musical Instrument Digital Interface (MIDI) sequencing, and audio for video.

MUS 162 - Computer Music Applications II
3 Credit hours  45 Contact hours

Further explores the technical and creative use Digital Audio Workstation (DAW) environment. Sound design using analog and digital synthesis and sampling, digital signal processing, and mastering and audio formats will be among the topics explored.

Prerequisite: Successful completion of MUS 161 (grade C or higher) or Instructor's permission.

MUS 163 - Music Audio Production I
3 Credit hours  45 Contact hours

Provides music majors and students with a strong interest in music with a basic understanding of the music audio production process. The course covers the fundamentals of audio/music production and signal flow, fundamentals of sound, acoustics, and microphones, digital and analog technology, recording, and mixing.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.
MUS 164 - Music Audio Production II
3 Credit hours 45 Contact hours
Refines techniques and emphasizes critical listening in the acoustic and Digital Audio Workstation environments.
Prerequisite: Successful completion of MUS 163 (grade C or higher) or Instructor's permission.

MUS 167 - Music Business I
3 Credit hours 45 Contact hours
Provides a foundational overview of the current, historic, and projected business practices in the music entertainment industry. Course provides opportunities to gain an understanding of the music entertainment industry including copyright, labels, publishing, licensing, distribution, marketing, finance, legal considerations, and current and future opportunities.
Prerequisite: Successful completion of MUS 107 (grade C or higher).

MUS 168 - Audio Post Production I
3 Credit hours 45 Contact hours
Explores the steps in audio production following initial sound capture and overdubbing of sound. Key concepts include sound design, mixing, and addition of effects. Integration of music with picture is also discussed, and key concepts such as automatic dialogue replacement, foley, score, and voiceover recording are covered.
Prerequisite: Successful completion of MUS 164 (grade C or higher).

MUS 169 - Project Management for Musicians
3 Credits 45 Contact hours
Provides an overall approach to successfully plan and execute music entertainment industry-related projects. Course provides opportunities to develop a clear project vision and process to: break down abstract ideas into concrete components, and create and execute practical action plans.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 175 - Special Topics
0-12 Credit hours 15-90 Contact Hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.

MUS 210 - Music Theory III
3 Credit hours 45 Contact Hours
Continues study of four-part music, including extended harmonic progressions of ninth, eleventh, thirteenth chords, extended alteration, non-chord tones, modulation and compositions.
Prerequisite: Successful completion of MUS 111 (grade C or higher). Corequisite: MUS 212.

MUS 212 - Advanced Ear Training/Sight-singing I Lab
1 Credit hours 15 Contact Hours
Covers sight singing and melodic dictation using modulation and chromaticism. It covers harmonic dictation including diatonic and chromatic harmonic progressions. It will emphasize rhythmic reading and dictation including syncopation and asymmetrical meters.
Prerequisite: Successful completion of MUS 113 (grade C or higher). Corequisite: MUS 210.

MUS 260 - The Business of Live Music Performance
3 Credit hours 45 Contact hours
Provides a detailed overview of the business of live music performance. Course provides an understanding of the key team members involved with live performance planning and the preparations and logistics involved in developing, negotiating, budgeting, and executing local performances to entire tours.
Prerequisite: Successful completion of MUS 167 (grade C or better).

MUS 261 - Advanced Music Audio Production
3 Credit hours 45 Contact hours
Designed to build upon MUS 163 and MUS 164 to give a well-structured and advanced knowledge of the various aspects of recording and production with music in a live and studio setting. This includes a working knowledge of microphones, audio mixing boards-analog and digital, recorders, analog and digital, mixing, sound, equalization and the fundamentals of acoustics in studio design.
Prerequisite: Successful completion of MUS 164 (grade C or higher).

MUS 262 - Developing a Producer's Ear
3 Credit hours 45 Contact hours
Provides a foundational skill set essential to becoming a music producer. Course includes an analysis and appraisal of one of the most important facets of a production: the emotional effectiveness of the music. Course explores critical listening, producing versus engineering a mix, optimal lyric and melodic song form, key vocal and instrumental production, and arranging techniques.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 263 - Music Publishing
3 Credit hours 45 Contact hours
Provides a foundational overview of the current, historic, and projected business practices in the music entertainment industry. Course provides opportunities to gain an understanding of the music entertainment industry including copyright, labels, publishing, licensing, distribution, marketing, finance, legal considerations, and current and future opportunities.
Prerequisite: Successful completion of MUS 167 (grade C or better).

MUS 265 - Live Audio Engineering
3 Credit hours 45 Contact Hours
Teaches the concepts and technical skills of live sound reinforcement. Topics include basic audio concepts, the operation and interconnection of a sound system, signal processing, and live sound recording. Students will participate in special class projects and live sound sessions.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MUS 267 - Music Marketing Strategies
3 Credit hours 45 Contact hours
Provides an overview of key marketing principles, terms, and practices, which form the foundation for all music entertainment marketing plans. Course examines the key areas of marketing opportunities for music entertainment entrepreneurs including merchandising, publicity, radio promotion, retail and distribution, advertising, and touring.
Prerequisite: Successful completion of MUS 167 (grade C or higher).

MUS 268 - Audio Post Production II
3 Credit hours 45 Contact Hours
Explores the steps in audio production following editing and mixing. Special attention will be paid to final equalization, audio level compression, multi-band audio compression, and “brick wall” limiting. Audio mastering is explored from an historic and practical perspective. Dithering, compression, and optimization for specific media types will also be discussed.
Prerequisite: Successful completion of MUS 168 (grade C or higher).

MUS 275 - Special Topics
0-12 Credit hours 15-90 Contact Hours
Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

**NUA - Nurse Aide Courses**

**NUA 101 - Nurse Aide Health Care Skills**
4 Credit Hours 70 Contact Hours
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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test scores and department permission.

**NUA 102 - Certification Exam Prep**
.5 Credit Hours 7.5 Contact Hours
Helps prepare the student for the National Nurse Aide Assessment Program (NNAAP) examination.
Prerequisite: Successful completion of NUA 101 (grade C or higher).

**NUA 170 - Nurse Aide Clinical Experience**
1 Credit hours 30 Contact hours
Applies knowledge and skill gained in NUA 101 to patient care.
Prerequisite: Successful completion of NUA 101 (grade C or higher).

**NUR - Nursing Courses**

**NUR 213 - Professional Pathway to Nursing**
3 Credit Hours 45 Contact Hours
Introduces students in the Integrated Nursing Pathway to professional nursing within the culture of healthcare safety and quality improvement. This course includes attributes, roles, and responsibilities of the professional nurse; essential knowledge, skills and attitudes required for team participation in a culture of safety and quality improvement; role of culture in the nurse-patient relationship; and interpersonal communication critical to the nurse-patient relationship.
Prerequisite: Acceptance into the Integrated Nursing Pathway.

**OSH - Occupational Safety Technician Courses**

**OSH 126 - 30 HR Construction Industry Standards**
3 Credit hours 45 Contact hours
Provides a 30-Hour OSHA certification course for the construction industry and participants will review the current OSHA standards contained in 29 CFR 1926. Participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.
Prerequisite: Department Approval Required.

**OSH 127 - 10 HR Construction Industry Standards**
1 Credit hour 15 Contact hours
Provides a 10-Hour OSHA certification course for the construction industry and participants will review the current OSHA standards contained in 29 CFR 1926. Participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.
Prerequisite: Department Approval Required.

**PAR - Paralegal Courses**

**PAR 114 - Computers and the Law**
3 Credit hours 45 Contact hours
Provides students with an opportunity to develop computer skills needed in the legal environment, including software applications, spreadsheets, databases, and Internet research.

**PAR 115 - Introduction to Law**
3 Credit hours 45 Contact hours
Provides an understanding of the role of paralegals, issues facing paralegals, the working of the legal system, and ethical questions. Legal terminology and an overview of substantive areas of law will be discussed.

**PAR 116 - Torts**
3 Credit hours 45 Contact hours
Focuses on tort law, including negligence, intentional torts, and strict liability, with an emphasis on personal injury litigation.

**PAR 117 - Family Law**
3 Credit hours 45 Contact hours
Emphasizes domestic law, common property, dissolutions, adoptions, legal separation, and other family law issues.

**PAR 118 - Contracts**
3 Credit hours 45 Contact hours
Examines the basic principles of contract law.

**PAR 125 - Property Law**
3 Credit hours 45 Contact hours
Covers real estate law. Includes ownership, sale, leasing, financing, and government regulation of land. Also covers some aspects of personal property law.

**PAR 201 - Civil Litigation**
3 Credit hours 45 Contact hours
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

**PAR 202 - Evidence**
3 Credit hours 45 Contact hours
Introduces the student to State and Federal Rules of evidence and application to the trial process.
Prerequisite: Successful completion of PAR 115 (with C or better).

**PAR 205 - Criminal Law**
3 Credit hours 45 Contact hours
Introduces basic concepts of criminal law and criminal procedure, including Colorado statutes and Rules of Procedure.
Provides students with the opportunity to supplement course work with practical work experience related to their educational programs. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.

Prerequisite: Successful completion of PAR 115 (grade C or higher). Requires permission of the Program Coordinator. Students may take either the Internship or a Directed Study in lieu of an internship after they have taken 21 hours of related coursework.

PAR 285 - Independent Study
3 Credit hours  45 Contact hours
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

Prerequisite: Successful completion of PAR 115 (grade C or higher). Requires permission of Program Coordinator. Students may take either the Internship or a Directed Study in lieu of an internship after they have taken 21 hours of related coursework.

PED - Physical Education Courses

PED 100 - Fitness Concepts
1 Credit hour  15 Contact hours
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.

PED 101 - Conditioning Lab
1 Credit hour  15 Contact hours
Allows an independent self-paced format of conditioning exercises to meet individual needs. Emphasizes the value of lifetime fitness and its contribution to achieving personal health and wellness. Students utilize cardio-respiratory, muscular strength and endurance exercises to promote positive changes in health-related fitness components.

PED 104 - Cross Training
1 Credit hour  15 Contact hours
Introduces basic cross-training techniques designed to improve physical work capacity of an individual. Enables the student to gain an understanding of the basic principles of cross training, the effects cross training has upon the body’s energy systems and muscles, program design and terminology.

PED 105 - Fitness Circuit Training
1 Credit hour  15 Contact hours
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.

PED 106 - Fire Academy Fitness
2.5 Credit hour  75 Contact hours
Focuses on Basic Fire Academy students who are interested in improving total fitness. Includes an individual fitness evaluation, computerized analysis of results and a prescribed exercise program. Emphasizes improving cardiovascular fitness, muscular strength, muscular endurance and addressing any fitness deficiencies revealed in the initial testing.

PED 110 - Fitness Center Activity I
1 Credit hour  15 Contact hours
Focuses on improving total fitness via an aerobic circuit training program. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Covers the basic components of fitness including flexibility, muscular strength, muscular endurance, cardiovascular fitness, and body composition. Weight machines, stationary bicycles, and computerized cardiovascular equipment are incorporated to elicit improvements in fitness.
PED 111 - Fitness Center Activity II
1 Credit hour 15 Contact hours
Serves as an advanced course for individuals interested in reaching a higher level of total fitness via an aerobic circuit training program. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength and endurance, cardiovascular fitness, and body composition. Weight machines, stationary bicycles, and computerized cardiovascular equipment are used to elicit improvements in fitness.
Prerequisite: Successful completion of PED 110 or Chair Approval.

PED 112 - Fitness Center Activity III
1 Credit hour 15 Contact hours
Serves as an advanced exercise course designed for individuals interested in attaining a high level of total fitness. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength and endurance, cardiovascular fitness, and body composition. The primary mode of training is Aerobic Circuit Training. The circuit training is supplemented with additional work on specialized weight machines, dumbbells, treadmills, rowers, and stair climbers, cross trainers, Nordic track, versa climbers, and running track available in the Fitness Center.
Prerequisite: Successful completion of PED 111 (grade C or higher) or Chair approval.

PED 113 - Fitness Center Activity IV
1 Credit hour 15 Contact hours
Focuses on advanced instruction designed for individuals interested in attaining a high level of total fitness. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength, muscular endurance, cardiovascular fitness, and body composition. The primary mode of training is Aerobic Circuit Training. The circuit training is supplemented with additional work on the specialized weight machines, dumbbells, treadmills, rowers, and stair climbers, cross trainers, Nordic track, versa climbers, and running track found in the Fitness Center.
Prerequisite: Successful completion of PED 112 (grade C or higher) or Chair approval.

PED 129 - Zumba
1 Credit hour 30 Contact hours
Zumba is a compilation of high energy, motivating music with unique moves and choreography combinations. Zumba fuses Latin and International music and dance themes to create a dynamic, exciting, effective fitness system. The routines feature aerobic/fitness interval training with a combination of fast and slow rhythms that tone and sculpt the body. Zumba utilizes the principles of fitness interval training and resistance training to maximize caloric output, fat burning and total body toning. It is a mixture of body sculpting movements with easy to follow dance steps.

PED 140 - Body Sculpting and Toning
1 Credit hour 15 Contact hours
Introduces exercise techniques to improve overall physical fitness. Emphasizes the interaction between cardiovascular conditioning, muscular strength and endurance, flexibility and program design integrated into an aerobic format. Focuses on blending together different combinations and sequences of exercises while conditioning the entire body. Students exercise using various types of resistance equipment.

PED 143 - Yoga
1 Credit hour 15 Contact hours
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.
Prerequisite: Successful completion of PED 143 (grade C or higher).

PED 161 - Tai Chi I
1 Credit hour 15 Contact hours
Introduces Tai Chi as an expression of understanding of self-control, exercise and self-defense. The primary emphasis is to gain an understanding of the history (origins and changes) of Tai Chi, the movements and their names, application of movements and terminology.

PED 163 - Martial Arts
1 Credit hour 15 Contact hours
Introduces basic martial arts techniques and forms designed to improve the physical and mental capacity of an individual. Enables the student to gain an understanding of the basic philosophies and concepts around the martial arts and the approach to ethics. Provides a clear-cut guide for developing a powerful sense of character and will.

PED 275 - Special Topics
1-12 Credit hours 15-180 Contact hours
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

PED 278 - Seminar/Workshop
1-12 Credit hours 15-180 Contact hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.

PED 280 - Internship
1-12 Credit hours 15-180 Contact hours
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 business location and with the direct guidance of the instructor.

PHI - Philosophy Courses

PHI 111 - Introduction to Philosophy (GT-AH3)
3 Credit hours 45 Contact hours
Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 112 - Ethios (GT-AH3)
3 Credit hours 45 Contact hours
Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilling existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.
PHI 113 - Logic (GT-AH3)
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 114 - Comparative Religions (GT-AH3)
3 Credit hours  45 Contact hours

Introduces the major religions of the Eastern and Western world. Covers Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity, and Islam. Utilizes methods of religious studies to understand the historical development of each religious tradition as well as its worldview and teachings. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 205 - Business Ethics (GT-AH3)
3 Credit hours  45 Contact hours

Examines major ethical theories and then applies ethical decision-making criteria to various moral issues and challenges in a business environment. This course will include 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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 214 - Philosophy of Religion (GT-AH3)
3 Credit hours  45 Contact hours

Focuses on the critical examination of fundamental concepts, ideas, and implications of religion. Specific topics include the nature of God, the varieties of religious experience, argument concerning God's existence, the problem of evil, faith and reason, religion and human destiny, and the connection between religion and ethics.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 218 - Environmental Ethics (GT-AH3)
3 Credit hours  45 Contact hours

Analyzes theories of the value of the natural world. Topics may include the relation between scientific and moral principles; theories of the moral worth of persons, animals, plants, and other natural objects; historical, religious, and cultural influences on conceptions of nature; alternative accounts of human relationships and responsibilities to nature; and the connection between moral and political values and economic policies. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 220 - Philosophy of Death and Dying (GT-AH3)
3 Credit hours  45 Contact hours

Explores the major philosophical questions surrounding death and dying, the metaphysical arguments for and against the existence of the soul, life after bodily death, the major ethical theories and their relation to issues of physician-assisted suicide, care for the dying, the grieving process, death as expressed in aesthetics and contemporary society, as well as the existential contributions concerning meaning of life and the meaning of death. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

PHI 275 - Special Topics
0-12 credit(s)  15-90 Contact hours

Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

Prerequisite: Permission by instructor.

PHO - Photography Courses

PHO 226 - Digital Workflow Management
3 Credit hours  45 Contact hours

Teaches computer-aided photography and darkroom techniques. The emphasis of this course is image-editing software, which can be used to color correct, retouch and composite photographic images. Other topics include image acquisition, storage, file management, special effects, hard copy and web-based image output.

Prerequisite: Successful completion of ART 139 (grade C or higher).

PHO 232 - Professional Portraiture
3 Credit hours  45 Contact hours

This course instructs the student in technical and aesthetic aspects of studio and location portrait photography. Studio lighting techniques including lighting ratios, lighting styles, location lighting, fill flash, light modifiers for portraiture, metering, composition, equipment and posing. Career paths in the field of portraiture such as weddings, environment and studio portraits, and school portraits will be covered.

Prerequisite: Successful completion of ART 139 (grade C or higher).

PHO 260 - Events and Wedding Photography
3 Credit hours  60 Contact hours

Presents skills for the intermediate/advanced photo student interested in learning the professional techniques associated with events (venue) and wedding photography. There will be an emphasis on advanced camera and flash techniques, candid, formal and ceremonial photography. Business and planning aspects will also be covered. Topics covered will include Weddings, Bar mitzvah/ Bat mitzvah, Music Concerts, Sporting Events, Graduations and similar occasions. Students will gain hands-on knowledge and learn practical shooting skills.

Prerequisite: Successful completion of ART 139 (grade C or higher).

PHY - Physics Courses

PHY 111 - Physics: Algebra Based I with Lab (GT-SC1)
5 Credit hours  105 Contact hours

Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course may also include topics relating to simple harmonic motion and traveling and standing waves. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of MAT 122 or MAT 166 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer 300+, Accuplacer CM 103+, ACT Math 25+, SAT Math 760+).

PHY 112 - Physics: Algebra Based II with Lab (GT-SC1)
5 Credit hours  105 Contact hours
Covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course may also include topics relating to simple harmonic motion, traveling and standing waves, and AC circuits. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of PHY 111 (grade C or higher).

PHY 211 - Physics: Calculus Based I with Lab (GT-SC1)
3 Credit hours 105 Contact hours
Covers the physics of kinematics, dynamics, and conservation laws and requires application of classical physics to both mathematical and conceptual problems. Specific concepts covered include 1D and 2D kinematics, Newton’s Laws, rotational motion, energy and work, momentum and impulse, and simple harmonic motion. This course may also cover thermodynamics and fluid mechanics. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of PHY 211 (grade C or higher).

PHY 212 - Physics: Calculus Based II with Lab (GT-SC1)
3 Credit hours 105 Contact hours
Covers the physics of electricity and magnetism using conceptual and mathematical reasoning, including calculus. Maxwell’s equations, waves, and time-varying circuits will be covered. Optional topics include wave and geometric optics and AC circuits. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of PHY 211 (grade C or higher).

PHY 213 - Physics: Calculus Based III Modern Physics
3 Credit Hours 45 Contact Hours
Expands upon PHY 212 and explores twentieth century advances in physics. Topics may include special and general relativity, quantum theory, atomic physics, solid state physics, nuclear physics, semiconductor physics and cosmology.

Prerequisite: Successful completion of PHY 212 (grade C or higher).

PSY - Psychology Courses

PSY 101 - General Psychology I (GT-SS3)
3 Credit hours 45 Contact hours
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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

PSY 102 - General Psychology II (GT-SS3)
3 Credit hours 45 Contact hours
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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

PSY 205 - Psychology of Gender (GT-SS3)
3 Credit hours 45 Contact hours
Examines gender comparisons in work, courtship, family life, and sexual behavior throughout the life span. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

PSY 207 - Intro Forensic Psychology
3 Credit hours 45 Contact hours
Introduction to Forensic Psychology is a course in an overview of Forensic Psychology. As such it explores both current research and practice in five areas. These areas are police psychology, criminal psychology, victimology, correctional psychology and the interface of psychology and

POS - Political Science Courses

POS 105 - Introduction to Political Science (GT-SS1)
3 Credit hours 45 Contact hours
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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

POS 111 - American Government (GT-SS1)
3 Credit hours 45 Contact hours
Includes the background of the U.S. Constitution; the philosophy of American government; general principles of the Constitution, federalism, and civil liberties. Examines public opinion and citizen participation; political parties, interest groups, and the electoral process; and the structure and functions of the national government.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

POS 125 - American State and Local Government (GT-SS1)
3 Credit hours 45 Contact hours
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.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.
Enables the student, in conjunction with REE 202 - Real Estate Brokers II, to meet the educational requirements of the Colorado Real Estate Commission for a Colorado Real Estate Brokers' license. The course includes Real Estate Law and Practice, practical applications, and Current Legal Issues.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

REE 202 - Real Estate Broker II
6 Credit hours  90 Contact hours

Enables the student, in conjunction with REE 201 - Real Estate Brokers I, to meet the educational requirements of the Colorado Real Estate Commission for a Colorado Real Estate Brokers' license. This course includes Colorado Contracts and Regulations, Closings, and Recordkeeping and Trust Accounts.

Prerequisite: Successful completion of REE 201 (grade C or higher).

SBM - Small Business Management

SBM 285 - Independent Study
4 credit hours  60 contact hours

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

Prerequisite: Successful completion or concurrency in ENP 209 (grade C or higher).

SCI - Science Courses

SCI 155 - Integrated Science I - Physics and Chemistry (GT-SC1)
4 Credit hours  90 Contact hours

Examines the nature of energy and matter, their interactions and changes, and the application of fundamental concepts to the study of our natural world. These concepts will be explored in hands-on laboratory experiments. This course integrates the fundamental concepts and ideas about the nature of physics and chemistry with the natural world. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 or appropriate assessment scores and successful completion of MAT 120 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT Math 24+, SAT MAT 700+).

SCI 156 - Integrated Science II - Earth and Life Science (GT-SC1)
4 Credit hours  90 Contact hours

Examines earth and biological systems, living and non-living environments, through the application of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 or appropriate assessment scores and successful completion of MAT 120 (grade C or higher) or qualifying assessment scores (Next Generation Accuplacer AF 280+, Accuplacer CM 63+, ACT Math 24+, SAT MAT 700+).

SOC - Sociology Courses

SOC 101 - Introduction to Sociology I (GT-SS3)
3 Credit hours  45 Contact hours

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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 102 - Introduction to Sociology II (GT-SS3)**
3 Credit hours  45 Contact hours

Examines the basic concepts, theories, and principles of sociology, including topics of family, religion, education, politics, the economy, health, demography, the environment and social movements through a local and global lens. Analyzes and interprets socio-historical 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.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 205 - Sociology of Family Dynamics (GT-SS3)**
3 Credit hours  45 Contact hours

Offers a critical exploration of marriage, family and kinship. It examines the family as an institution and how social, cultural and personal factors influence family relations locally and globally. Explores the stability and evolution of the family, along with current trends and a range of family forms. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 207 - Environmental Sociology (GT-SS3)**
3 Credit hours  45 Contact hours

Examines how humans’ relationship with the environment is mediated by social stratification. Key topic areas include industrial and economic growth versus sustainability, natural resources development and management, cultural values, social movements, and comparative perspectives on people’s relationship to the environment. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 215 - Contemporary Social Problems (GT-SS3)**
3 Credit hours  45 Contact hours

Investigates current social issues that result in societal problems. Focuses on numerous areas including, but not limited to, the loss of civil liberties, concentration of media ownership, gender discrimination, hate crimes, poverty, hunger, environmental degradation, racism and prejudice, as well as social change. Addresses ways to ameliorate these social ills. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 218 - Sociology of Diversity (GT-SS3)**
3 Credit hours  45 Contact hours

Explores differences based on race, ethnicity, social class, gender, age, ability status, and sexual identity. Critically examines the dynamics of intergroup relations and how social construction of these differences can lead to patterns of prejudice, discrimination, and inequality nationally and globally. This is a statewide Guaranteed Transfer course in the GT-SS3 category. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 220 - Sociology of Religion (GT-SS3)**
3 Credit hours  45 Contact hours

Further explores the study of the sociology of religion. Analyzes the socially constructed definition of religion, the forms religion takes in various societies, the impact religion has on local and global societies and social institutions and the many ways in which people shape, maintain or disassemble religious structures. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 231 - Sociology of Deviant Behavior (GT-SS3)**
3 Credit hours  45 Contact hours

Critically examines various deviant categories and societal reactions to deviance affecting diverse populations. Examines how sociologists study deviance and the theories they use to explain it. Explains the ways social institutions define deviance and attempt to control, change, or treat those deviant behaviors, attitudes, and conditions. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SOC 275 - Special Topics in Sociology**
1-12 Credit hours  15-90 Contact hours

Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Prerequisite: Successful completion of CCR 092 or CCR 094 (grade C or higher) or equivalent assessment scores.

**SPA - Spanish Courses**

**SPA 111 - Spanish Language I**
5 Credit hours  75 Contact hours

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.

Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores.

**SPA 112 - Spanish Language II**
5 Credit hours  75 Contact hours

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: Successful completion of SPA 111 (grade C or higher) or permission by the Department Chair.

**SPA 211 - Spanish Language III (GT-AH4)**
3 Credit hours  45 Contact hours

Continues Spanish Language I and II in the development of increased functional proficiency in listening, speaking, reading and writing the Spanish language. Note: The order of the topics and the methodology will vary according to individual texts and instructors. ~~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH4

Prerequisite: Successful completion of SPA 112 (grade C or higher) or permission by the Department Chair.

**SPA 212 - Spanish Language IV (GT-AH4)**
3 Credit hours  45 Contact hours
Theatre Courses

THE 105 - Theatre Appreciation (GT-AH1)
3 Credit hours 45 Contact hours
Provides an opportunity to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, criticism, and theory. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 or equivalent assessment scores (SS 70+, RC: 62+).

THE 106 - Cross Cultural Storytelling
4 Credit hours 60 Contact hours
Offers international and American students the opportunity to share ethnic/cultural experiences by using the theatre techniques of storytelling, improvisation, mime, verbal and non-verbal language, scripting, and staging techniques resulting in performance projects.

THE 108 - Theater Script Analysis (GT-AH1)
3 Credit hours 45 Contact hours
Explores methods of reading and analyzing a variety of diverse texts for the stage. Additionally, this course provides an opportunity to interpret theatre scripts through cultural lenses and dramaturgical research methods. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 or equivalent assessment scores.

THE 111 - Acting I
3 Credit hours 45 Contact hours
Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

The 112 - Acting II
3 Credit hours 45 Contact hours
Continues to explore basic acting techniques and approaches, including scene study, improvisation, and intermediate script analysis. Includes practical application through classroom and showcase performances.
Prerequisite: Successful completion of THE 111 or FVM 117 (grade C or higher) or permission of instructor.

THE 115 - Stage Movement for Actors
3 Credit hours 45 Contact hours
Introduces the vocabulary of human movement, techniques of physical training, and anatomy and kinesiology for the actor. The course includes forms of basic dance and the coordination of movement with vocal delivery.

THE 116 - Technical Theatre
3 Credit hours 60 Contact hours
Introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.
Prerequisite: THE 105 is recommended.

THE 124 - Theatre and Event Tech Careers
3 Credit hours 60 Contact hours
Explores the various industries, avenues of employment and professional organizations within the fields of theatre & event technology. Students will develop the skill sets associated with successful employment in these industries.

THE 126 - Auditioning for Musical Theatre
3 Credit hours 45 Contact hours
Builds a confident, talented and exciting audition. It includes a mock videotaped audition, and covers resumes, head shots, repertoire choices, stage fright, 16-bar audition and dressing for success. This course is presented in conjunction with producers from regional theaters providing valuable feedback for the participants.

THE 131 - Theatre Production I
3 Credit hours 45 Contact hours
Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.

THE 132 - Theatre Production II
3 Credit hours 45 Contact hours
Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.

THE 140 - Stage Dialects
1 Credit hour 15 Contact hours
Teaches students to develop skills in nine dialects and accents.

THE 211 - Development of Theatre Greek-Renaissance (GT-AH1)
3 Credit hours 45 Contact hours
Surveys the history and development of theatrical practices from Ancient Greece to the Renaissance as well as non-western forms, emphasizing all aspects of performance from period values to analysis of dramatic literature and culture. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores. THE 105 is also recommended.
THE 212 - Development of Theatre Restoration to Modern (GT-AH1)  
3 Credit hours  45 Contact hours  
Surveys the history and development of theatrical practices from Restoration to the present as well as non-Western forms, emphasizing all aspects of performance from period values to analysis of dramatic literature and culture. This is a statewide Guaranteed Transfer course in the GT-AH1 category.  
Prerequisite: Successful completion of CCR 092, 093, or 094, or ENG 121 (grade C or higher) or equivalent assessment scores; THE 105 is also recommended.

THE 213 - Intermediate Acting I  
3 Credit hours  60 Contact hours  
Continues Acting Theatre 112. Emphasis is on artistic concentration of voice and movement. A detailed character biography is required.  
Prerequisite: Successful completion of THE 112 (grade C or higher).

THE 215 - Playwriting (GT-AH1)  
3 Credit hours  45 Contact hours  
Develops playwriting techniques emphasizing elements of dramatic structure, dialogue, styles, creative writing, and theatrical practices. This is a statewide Guaranteed Transfer course in the GT-AH1 category.  
Prerequisite: Successful completion of CCR 092 (grade C or higher) or permission of instructor.

THE 216 - Theatre Lighting and Design  
3 Credit hours  60 Contact hours  
Focuses on the theory and practice of stage lighting. Topics include basic electrical theory, color theories, rigging and design of lighting for the performing arts.  
Prerequisite: Successful completion of CCR 092 (grade C or higher) or permission of instructor.

THE 220 - Directing I  
3 Credit hours  45 Contact hours  
Covers the basic techniques for stage directing in contemporary theatre. Topics include stage composition, script analysis, work with actors, and the collaborative role of the director.  
Prerequisite: Successful completion of THE 111 (grade C or higher) or permission of instructor.

THE 226 - Theatre Sound Operation and Design I  
3 Credit hours  60 Contact hours  
Explores the fundamental processes required to create a conceptual sound design for a stage play. Students apply skills gained in this course to an actual production.  
Prerequisite: Prerequisite: CCR 092 (grade C or higher) or equivalent test scores.

THE 231 - Theatre Production III  
3 Credit hours  45 Contact hours  
Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.  
Prerequisite: Permission of the Department.

THE 232 - Theatre Production IV  
3 Credit hours  45 Contact hours  
Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.  
Prerequisite: Permission of the Department.

THE 275 - Special Topics  
15 Credit hours  15 Contact hours  
Explores current topics, issues and activities related to one or more aspects of the named discipline.

TRI - Translation and Interpretation Courses

TRI 101 - Introduction to Translation and Interpretation  
3 Credit hours  45 Contact hours  
Presents an introduction to translation and interpretation including basic principles, procedures, and techniques; a portrait of the work duties of the various types of translators and interpreters; and theoretical foundations for translation and interpretation.  
Prerequisite: Successful completion of ENG 121 (grade C or higher) or enrollment in ENG 121 concurrency, successful completion of SPA 235 (grade C or higher) and the Permission by Department Chair. *Note: SPA 235 will be waived if the student’s target language is not Spanish.

TRI 103 - Code of Ethics  
2 Credit hours  30 Contact hours  
Presents the general National and State ethical guidelines that govern the conduct of professional interpreters and translators and the role of cultural competence in effective translation and interpretation.  
Prerequisite: Enrollment in or completion of TRI 101 (grade C or higher) or permission of the Department Chair.

TRI 104 - Business of Translation and Interpretation  
3 Credit hours  45 Contact hours  
Presents an overview of the business of translation and interpretation including job searching, how to start a business, qualifications, and essential technologies.  
Prerequisite: Successful completion of TRI 101 (grade C or higher) or enrollment in TRI 101 concurrency, or the Permission by Department Chair.

TRI 175 - Special Topics  
1-12 Credit hours  15-90 Contact hours  
Provides students with a vehicle to pursue in depth exploration of special topics of interest.

TRI 180 - Internship  
0-12 Credit hours  15-90 Contact hours  
Prerequisite: Permission by Department Chair.

TRI 201 - Consecutive Interpretation I  
3 Credit hours  45 Contact hours  
Presents the theory, history, and skills of consecutive interpretation and fosters the practical application of these skills.  
Prerequisite: Enrollment in or successful completion of TRI 101 (grade C or higher) or permission by the Department Chair.

TRI 202 - Simultaneous Interpretation I  
3 Credit hours  45 Contact hours  
Presents the theory, history, and skills of simultaneous interpretation and fosters the practical application of these skills.  
Prerequisite: Successful completion of TRI 101 (grade C or higher) or permission by the Department Chair.

TRI 203 - Sight Translation  
3 Credit hours  45 Contact hours
Presents the theory, history, and skills of sight translation and fosters the practical application of these skills.

Prerequisite: Successful completion of TRI 101 (grade C or higher) or permission by the Department Chair.

**TRI 204 - Consecutive Interpretation II**
3 Credit hours | 45 Contact hours

Continues the development of consecutive interpretation skills from TRI 201 Consecutive Interpretation I, with more focus on the quality of the rendition. Skills on note-taking, focused listening, and coping mechanisms in the interpretation of difficult texts are further emphasized as students advance. The complexity of vocabulary used and the length of utterance are increased.

Prerequisite: Successful completion of TRI 201 (grade C or higher) or permission by department chair.

**TRI 205 - Simultaneous Interpretation II**
3 Credit hours | 45 Contact hours

Continues the development of simultaneous interpretation skills from TRI 202 Simultaneous Interpretation I, with more focus on the quality of the rendition. Students develop further linguistic agility and coping skills, and practice with higher complexity texts. They learn research and analysis skills required for adequate professional preparation. Additional attention is paid to the work with portable simultaneous interpreting equipment, and in a team environment.

Prerequisite: Successful completion of TRI 202 (grade C or higher) or permission by department chair.

**TRI 275 - Special Topics**
1-12 Credit hours | 15-90 Contact hours

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

**WST - Women and Gender Studies**

**WST 200 - Introduction to Women's Studies (GT-SS3)**
3 Credit hours | 45 Contact hours

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.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

**WST 249 - Women's Sexuality (GT-SS3)**

Explores the development of sexualities throughout history and cross-culturally. The course addresses theories of sexuality and erotic power, women’s sexualities across cultures and throughout the lifespan, the perception of sexuality in religion and culture, and creative visualizations of women’s sexuality in literature, visual, music, and performance art. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.
While every possible step has been taken to ensure the accuracy of the catalog, sometimes minor changes must be made throughout the year that are in the interest of the students or the College. These are the course and/or program updates and changes made online after the publication of the 2022-21 catalog.

<table>
<thead>
<tr>
<th>Catalog Change</th>
<th>Date updated</th>
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</thead>
<tbody>
<tr>
<td>VA Benefits (p. 26) Added Prior Credit Evaluation section</td>
<td>3/26/2021</td>
</tr>
<tr>
<td>FVM 117 (p. 166) Prerequisites correction Was: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score and successful completion of ETH 200 (with a grade of C or better).</td>
<td>5/3/2021</td>
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<tr>
<td>FVM 150 (p. 167) Prerequisites correction Was: Acceptance into the Film School AND successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score and successful completion of ETH 200 (with a grade of C or better).</td>
<td>5/3/2021</td>
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</tbody>
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ADDENDUM FOR 2021-22 CATALOG
The administration, faculty and staff at CCA have what it takes to help students succeed. The College employs highly skilled professionals who are leaders in their respective fields. Whether students need help from instructors or specialized assistance from our Student Services division, one can be assured there is always qualified support.

This section introduces our list of academic leaders and our outstanding faculty and instructors. For complete phone numbers and room numbers, students can consult the CCA Directory online, https://www.ccaurora.edu/directory.

Office of the President

Betsy Oudenhoven, President
B.S., St. Lawrence University; M.A., University of Colorado - Boulder; Ph.D., Loyola University Chicago

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Colorado State Board for Community Colleges and Occupational Education

Colorado State Board for Community Colleges and Occupation Education

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Emeritus

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Index

2021-2022 Catalog .......................................................... 3
AAA - Academic Achievement Courses .................................. 146
AAS General Education ..................................................... 52
Academic Affairs ............................................................. 197
Academic Calendar .......................................................... 5
Academic Learning Center ................................................. 25
Academic Matters ........................................................... 20
Academic Progress .......................................................... 31
Academic Progress Definitions ......................................... 32
Academic Progress Guideline ............................................. 31
Academic Progress Process ............................................... 32
Academic Progress Standards ......................................... 32
Academic Progress Suspension Appeals .............................. 32
Academic Progress Suspension Reinstatement Procedures ........ 32
Academic Renewal Policy .................................................. 33
Academic Transfer ........................................................... 23
ACC - Accounting Courses .............................................. 146
Acceptance Letters ......................................................... 13
Accreditation ................................................................. 7
Addendum for 2021-22 Catalog ........................................ 196
Adjunct Instructors ......................................................... 199
Administrative Responsibility ......................................... 37
Admissions Policy .......................................................... 11
Advising .................................................................. 14
Advising and Registration ............................................... 14
AEC - Arch Eng/Construction Mgmt Courses ..................... 146
An AA or AS Degree will Transfer to all Colorado Public Four-Year Colleges and Universities .................. 23
ANT - Anthropology Courses ........................................... 147
Anthropology Transfer Major, A.A. .................................... 56
Appeal Procedure .......................................................... 12
Appeal Process .............................................................. 44
Applied Technology, A.A.S .............................................. 111
ART - Art, Design, Jewelry and Photography ....................... 147
Art History Transfer Major, A.A ........................................ 59
Articulated Degree with Metro State University .................. 130
Articulated with Pickens College ........................................ 131
Articulated with University of Colorado ............................. 132
Articulation (Transfer) Agreements .................................... 52
ASE - Diesel Power Mechanics Courses ............................ 148
ASL - American Sign Language (ASL) Courses ................... 149
Assessment/Course Placement ........................................ 14
Associate Degrees and Certificates .................................. 52
Associate of Applied Science Degree (A.A.S.) ...................... 111
Associate of Arts Degree Core ......................................... 53
Associate of Arts Degrees (A.A.) ........................................ 53
Associate of General Studies Degree (A.G.S.) ....................... 109
Associate of Science Degree Core ..................................... 94
Associate of Science Degrees (A.S.) ................................... 94
AST - Astronomy Courses .............................................. 149
Attendance ................................................................ 23
Automatic Graduation ...................................................... 35
Awarding Procedures ...................................................... 18
Basic Law Enforcement Training Academy Certificate .......... 133
BIO - Biology Courses .................................................... 149
Biology Transfer Major, A.S .............................................. 97
BTE - Business Technology Courses ................................. 150
BUS - Business Courses ................................................. 150
Business Certificate .........................................................
Bookkeeping ................................................................ 133
Entrepreneurial Launch Certificate .................................... 134
Entrepreneurial Studies Certificate .................................... 134
General Business .......................................................... 134

Human Resource Management ......................................... 134
Real Estate ................................................................... 135
Business Transfer Major, A.A .......................................... 61
CAD - Computer Assisted Drafting Courses ......................... 151
CARE Team ................................................................ 25
Career Services ................................................................ 25
Catalog Guide .................................................................. 47
Catalog of Record Policy ................................................ 30
CCR - English Courses .................................................. 151
CentreTech Campus .......................................................... 6
Certificates ................................................................... 133
Challenge Exams ............................................................ 21
Change in Tuition Classification ....................................... 12
Change of Address and Telephone Information ................... 34
CHE - Chemistry Courses ............................................ 151
Chemistry Transfer Major, A.S ........................................ 99
CIS - Computer Information Systems Courses .................... 152
Classroom Based ............................................................ 23
CNG - Computer Networking Technology Courses .......... 153
College Bookstore .......................................................... 25
College Facilities and Locations ...................................... 6
College Opportunity Fund (COF) ..................................... 16
Colorado ASSET Bill ....................................................... 12
Colorado Opportunity Scholarship Initiative ....................... 26
Colorado State Board for Community Colleges and Occupational Education ........................................ 205
COM - Communication Courses ...................................... 154
Commitment to Academic Excellence ............................... 22
Communication & Languages .......................................... 49
Communication Transfer Major, A.A. ................................. 63
Community College of Aurora .......................................... 7
Community College of Aurora Advisory Council ................. 205
Community College of Aurora Catalog ............................. 4
Community Colleges of Colorado System ......................... 205
Competency Based .......................................................... 24
Computer ....................................................................
Basic Networking and Security Certificate ......................... 135
CISCO Certificate .......................................................... 135
Creative Tools Certificate ................................................ 135
IT Tech and Support Certificate ....................................... 135
Office Administration Certificate ..................................... 136
PC Application Specialist Certificate ................................ 136
Computer Information Systems, A.A.S ................................ 111
Computer Science, A.A.S ................................................ 112
Construction Certificate ..................................................
Construction Estimating .................................................. 136
Construction Superintendent ............................................ 136
Consumerism Compliance .............................................. 37
Continuing Education ..................................................... 24
Continuing Student Advising .......................................... 14
Counseling Services ....................................................... 25
Courses ...................................................................... 146
Creative Industries .......................................................... 49
Credit Hour Overload ...................................................... 15
Criminal Justice Transfer Major, A.A ................................. 65
Criminal Justice, A.A.S .................................................. 113
CRJ - Criminal Justice Courses .................................... 155
CSC - Computer Science Courses .................................... 156
CWB - Computer Web Based Courses .............................. 157
Cyber Security, A.A.S .................................................... 114
Definitions ................................................................... 41
Degree and Certificate Changes ..................................... 30
Degree and Certificate Policies ......................................... 35
Developmental Classes for College-Level Work .................. 20

206| Community College of Aurora 2021-2022 Catalog
Diesel Power Mechanics, A.A.S. .................................................. 114
Directory Information for FERPA ............................................. 38
Disclosure ................................................................................. 37
DPM - Diesel Power Mechanics Courses ................................. 157
Drop for Non-Payment ............................................................... 17
Drop for No-Show ................................................................. 15
Drug and Alcohol Prevention ...................................................... 37
Early Childhood Education - Director Certificate ................. 136
Early Childhood Education - Early Childhood Entry Certificate .... 137
Early Childhood Education - Early Childhood Infant/Toddler Supervisor Certificate ....................................................... 137
Early Childhood Education - Early Childhood Teacher Certificate .... 137
Early Childhood Education Transfer Major, A.A. .................. 68
Early Childhood Education, A.A. .................................... 115
ECE - Early Childhood Education Courses .......................... 158
ECO - Economics Courses ............................................... 159
Economics Transfer Major, A.A. ..................................... 68
EDU - Education Courses ...................................................... 160
EGG - Engineering Courses ................................................. 160
Elementary Teacher Education Transfer Major, A.A. .......... 70
Emergency Assistance Fund Program ........................................ 25
Emergency Medical Technician-Basic Certificate ................ 137
Emergency Medical Technician-Paramedic Certificate .............. 137
Emeritus .................................................................................... 205
EMS - Emergency Medical Provider Courses ....................... 161
ENG - English Courses .......................................................... 162
English as a Second Language ............................................... 20
English Transfer Major, A.A. ............................................... 71
ENP - Entrepreneurship ......................................................... 163
Equal Opportunity ................................................................. 7
ESL - English as a Second Language Courses ...................... 163
ETH - Ethnic Studies Courses ................................................. 164
Explanation of Grading Structure ........................................... 30
Faculty and Staff .................................................................... 197
Family Educational Rights and Privacy Act (FERPA) ............ 37
FERPA General Guidelines ..................................................... 37
Film Video Media
Acting/Directing for the Screen Certificate ................................ 138
Acting/Directing for the Screen Emphasis, A.A.S. ................. 116
Cinematography/Videography Certificate ......................... 138
Cinematography/Videography Emphasis, A.A.S. ................. 117
Post-Production Certificate ................................................... 139
Post-Production Emphasis, A.A.S. ....................................... 118
Screenwriting Certificate ....................................................... 139
Screenwriting Emphasis, A.A.S. ......................................... 118
Writing/Directing Certificate ................................................ 140
Writing/Directing Emphasis, A.A.S. ....................................... 119
Writing/Producing Certificate ................................................ 140
Writing/Producing Emphasis, A.A.S. ....................................... 120
FIN - Finance Courses ........................................................... 165
Financial Aid ........................................................................... 18, 38
Financial Aid Application Procedures .................................... 18
Financial Aid Student Advising ............................................. 14
Financial Implications ............................................................ 44
Financial Matters ................................................................. 16
Financial Obligations of Students .......................................... 16
Financial Services
Banking Essentials Certificate .............................................. 141
Supervision Fundamentals Certificate .................................. 141
Fire Science Technology Certificate ..................................... 141
Fire Science Technology, A.A.S. ........................................... 121
Frequently Asked Questions .................................................. 22
FST - Fire Science Technology Courses ............................... 165
Fundamentals of Fire Science Certificate ................................ 141
FVM - Film and Video Media Courses .................................. 166
General Eligibility Requirements ......................................... 18
Generalist, A.G.S. ................................................................. 109
GEO - Geography Courses .................................................... 172
Geography Transfer Major, A.A. ........................................ 73
Geology Transfer Major, A.S. .............................................. 101
Getting Started and Admissions ............................................ 9
Getting Started Checklist ....................................................... 9
GEY - Geology Courses .......................................................... 173
Grade Appeals ................................................................. 32
Grade Point Average (G.P.A.) Calculation ............................ 31
Grading and Evaluation ......................................................... 30
Graduation Applications ........................................................ 35
Graduation Requirement Appeals .......................................... 35
Graduation Requirements ....................................................... 35
Graphic and Web Design, A.A.S. .......................................... 122
Guaranteed Transferability .................................................... 52
Guest Students ........................................................................ 10
Guided Pathways ................................................................. 49
Health ....................................................................................... 50
Health Care
Nurse Aide Certificate .......................................................... 141
Patient Care Technician Certificate ..................................... 142
Patient Representative .......................................................... 142
Phlebotomy Certificate ........................................................ 142
High School Students not Participating in the Concurrent Enrollment Program ...................................................... 10
High School Students Participating in the Concurrent Enrollment Program ......................................................... 10
HIS - History Courses ............................................................ 173
History Transfer Major, A.A. ............................................... 75
Honors Program ................................................................. 31
HPR - Health Professional Courses ...................................... 174
HUM - Humanities Courses .................................................. 175
HWE - Health Wellness Education Courses ....................... 176
Hybrid ....................................................................................... 24
HyFlex ...................................................................................... 24
HyFlex with Lab ....................................................................... 24
Inclusive Excellence .............................................................. 25
Industry Certifications and Licenses ....................................... 21
Information Regarding Financial Aid ..................................... 19
Initial Classification .............................................................. 12
Institutional Outcomes - 4Cs ................................................. 8
Instructional Methods ........................................................... 23
Instructor Make-up and Online Class Testing ....................... 26
Integrated Nursing Pathway, A.G.S. ..................................... 132
International Students .......................................................... 10
IT Tech and Support, A.A.S. .................................................. 122
Late Registration ................................................................. 14
LEA - Law Enforcement Academy Courses ....................... 177
Level of Security ................................................................. 37
Library ....................................................................................... 26
LIT - Literature Courses ........................................................ 177
Locations ................................................................................. 6
Logistics Certificate
Inventory Management ......................................................... 142
Purchasing and Procurement ............................................... 143
Warehouse Operations ......................................................... 143
Lowry Campus ....................................................................... 6
Maintaining Eligibility .......................................................... 19
MAN - Management Courses .............................................. 178
Management with an Emphasis in Paralegal, A.A.S. .......... 123
MAR - Marketing Courses .................................................... 179
MAT - Mathematics Courses ................................................. 179
Mathematics Transfer Major, A.S. ....................................... 102
Methods of Payment ............................................................ 17
Metro State CIS Transfer, A.A.S. ............................................ 130
MGD - Multimedia & Graphic Design .................................. 181