Catalog

2014-2015

Community College of Aurora
Go Beyond the Book

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COMMUNITY COLLEGE OF AURORA CATALOG

CentreTech Campus

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

Lowry Campus

710 Alton Way
Denver, Colorado 80230
303-340-7093
303-419-5557 (Security)

www.CCAurora.edu

Published 2014

Accredited by
The Higher Learning Commission of the North Central Association

Approved by
Colorado Commission on Higher Education
Colorado Community College System

ACADEMIC CALENDAR

2014 Summer Semester
Registration begins • April 7, 2014

Classes begin • June 2, 2014

Independence Day (college closed) • July 4, 2014

Classes End • August 9, 2014

2014 Fall Semester
Registration begins • April 28, 2014

Classes begin • August 25, 2014

Labor Day (college closed) • September 1, 2014

Faculty In-Service • November 25, 2014

Thanksgiving (no classes) • November 26-29, 2014

Classes end • December 13, 2014

2015 Spring Semester
Registration begins • November 3, 2014

Classes begin • January 20, 2015

Spring Break • March 23 - 38, 2015

Commencement Ceremony • May 9, 2015

Classes end • May 11, 2015

2015 Summer Semester
Registration begins • April 6, 2015

Classes begin • June 1, 2015

Independence Day (college closed) • July 3 & 4, 2015

Classes End • August 8, 2015

2015 Fall Semester
Registration begins • April 27, 2015

Classes begin • August 24, 2015

Labor Day (college closed) • September 7, 2015

Faculty In-Service • November 24, 2015

Thanksgiving (no classes) • November 25-28, 2015

Classes end • December 12, 2015

2016 Spring Semester
Registration begins • November 2, 2015

Classes begin • January 19, 2016

Spring Break • March 28 - April 2, 2016

Commencement Ceremony • May 8, 2016

Classes end • May 9, 2016

Schedule subject to change to match local school districts and
other external schedules as necessary

COLLEGE FACILITIES AND LOCATIONS

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, 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: Academic Advising • Admissions, Registration & Records • Career Services • Center for Outreach & Recruitment • Financial Aid • General Information • International Affairs • Military & Veteran Services • Student Affairs Administration • Student IDs
2nd Floor: Administration • Cashier's Office • Human Resources • Testing Center

Student Centre

1st Floor: Bookstore • Cafe • Quiet Study Areas • Rotunda • Student Success Center • TRiO Student Support Services
2nd Floor: Accessibility Services/Computer Access Center • Communications and Marketing • Computer Labs • Learning Resource Center • Library Services • Online Learning

Fine Arts Building

Performing Arts and Humanities Department • Forum • Larry D. Carter Theater • Performing Arts (Dance, Music and Theatre) • Social and Behavioral Sciences Department • World Languages & Translation and Interpretation

Classroom Building

Communication and English Department • Early Childhood Education and Teacher Preparation Department • English, Math and Reading Tutoring • English as a Second Language (ESL) Department • Math Department • Philosophy Department

Lowry Campus

303-340-7093 • 303-419-5557 (Security)

West Quad

710 Alton Way, Building 903, Denver, CO 80230
School of Business • Career Services • Computer Department • Computer Labs • Office of Student Life (Phi Theta Kappa, Student Clubs, and Student Government Association) • Science Department • Science Labs • Science Library • Student Services (Admissions, Advising, Cashier, Financial Aid, Registration, Testing, Career Advising, and Student IDs) • General Classrooms • Dr. Todd Bergren Conference Room

North Quad

9202 E. Severn Place, Building 901, Denver, CO 80230
Art Gallery • Aurora Language Center – Community ESL • Center for Art & Design • Center for Workforce Development • General Classrooms

Center for Simulation

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

Colorado Film School

9075 E. Lowry Boulevard, Building 965, Denver, CO 80230

WELCOME TO THE COMMUNITY COLLEGE OF AURORA

The Community College of Aurora takes education to a whole new level, combining solid theory with practical training. With this approach, CCA equips students with relevant learning for life that goes beyond the book. CCA students graduate from the college's cutting-edge programs ready to move to the next step in their lives, whether they transfer to a four-year institution or begin a new career.

Community College of Aurora

Learning Designed for Your Life

At CCA we recognize that education shouldn't be one size fits all. That's why we have a number of different ways for you to achieve your educational goals - whether they are to get a bachelor's degree, have the flexibility to study when you want to, quickly learn new skills to move on to a new job, or learn to be one of the many men and women who protect and serve our community.

Career-ready Programs and a Supportive Community

No matter which direction you choose, there are some things common to all our programs.   Your courses are based on real life and real work situations so you'll be more than ready when you start your career.   You'll be a part of a community that will support you.   You won't find the quality of education and the variety of unique ways to learn at any other college, especially for the cost you'll find here.

Choose Your Learning Style

CCA offers three distinctive learning tracks for you to choose from:

- transFER – the first two years of a bachelor's degree, the same as you'd get at any four-year college or university, with credits that transfer to the college of your choice all for significantly less cost. Start at CCA; finish at any 4-year Colorado college or university.
- onLINE – degree and certificate programs designed so that you can study on your time and on your schedule. Earn a certificate fully online.
- realLIFE – police, firefighter, paramedic, EMT, and disaster-management certification programs taught in an on-the-job environment. You won't find classrooms so life-like anywhere else.

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.

Accreditation

CCA is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, 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

CCA does not discriminate on the basis of race, color, creed, nationality, sex, age or handicap, in admission or access to employment in its programs and activities. Inquiries concerning Title VI, Title IX Section 504, 42 U.S.C. §2000e et seq. and the Americans with Disabilities Act may be made in the Human Resources office, CentreTech Campus, Administration Building, Room 207, 303-360-4752 or the Department of Education, Office for Civil Rights, Denver Office, 1244 Speer Blvd. #310, Denver, CO 80204.

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 Goals

Goal 1: Increase student retention, completion, transfer, and employment.
Goal 2: Improve student learning through instructional and non-instructional efforts and assessment.
Goal 3: Optimize enrollment.
Goal 4: Optimize fiscal, technological, and physical resources.
Goal 5: Increase community partnerships, engagement, and service.
Goal 6: Diversity and strengthen human resources.

Our Vision

We aspire to be the college where every student succeeds.

Lifelong Skills

The Community College of Aurora faculty has identified a common set of six skills for student success in every aspect of life.   These skills are foundational for everyone, whether pursuing educational goals, resolving personal issues, or maneuvering the intricacies of the workplace.   The college assesses student learning of these skills to improve the quality of education.   The six skills are:

Communication • Critical inquiry

Intra/interpersonal responsibility • Technology

Quantitative reasoning • Aesthetic perception

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, ConnectED. Metro-area radio and television stations make announcements regarding school closings. Many of the television stations also post closures on their websites.

ConnectED: Campus Alert System

Students are encouraged to update their "CCA Alert System" information, through MyCCA. This system will allow CCA to contact you quickly in the event of a campus or weather emergency.

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. 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.

2. Apply for COF (College Opportunity Fund)   - 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. The COF application is free and can save you hundreds of dollars each semester on your tuition. This is a onetime application but you need to authorize COF each semester.

3. Apply for Financial Aid - Complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov to see if you are eligible for any kind of aid (grants, loans, work study and scholarships). The application process can take 6-8 weeks to complete, so apply early! CCA has three priority consideration dates during the year. Fall Semester-May 1, Spring Semester-November 1, Summer Semester-April 1. Your financial aid file is not complete until you receive an award letter.

4. Transfer to CCA - CCA accepts credit for prior learning for students who have previously attended a college other than CCA or who have completed standardized exams such as CLEP, AP and IB. CCA's Credentials Evaluator will apply credits that meet the content and rigor of CCA's courses and that apply to your declared degree or certificate program at CCA. Please visit CCA's Transferring to CCA page for more information.

5. Take the Assessment Test -You must provide evidence of college readiness before signing up for courses. To determine which courses you should take, you must complete the AC-CUPLACER or Levels of English Proficiency (LOEP) Assessment if you are 1) a degree or certificate-seeking student, 2) registering for a course with any prerequisites, or 3) under the age of 20 (regardless of degree/ certificate status).   You are not required to assess if you have done one of the following: 1) you have completed the ACT, SAT or ACCUPLACER exam in the last 5 years, or 2) if you have evidence of an Associate of Arts Degree or higher, or 3) evidence of a C or higher in prior College-Level English and Math courses. (Please note that English courses taken out-side of the United States do not meet the Assessment or Transfer guidelines.)   Scores matter! If your ACT or SAT scores do not place you into college-level coursework, CCA requires that you take the ACCUPLACER or LOEP Assessment to see if you are eligible for higher placement.

6. Attend New Student Orientation - If you have never attended college after High School, you are required to participate in New Student Orientation. Orientation helps you to successfully navigate the college experience, prepares you to meet with Academic Advisors and select classes, and assists you in the registration process. If you are a new student, you will have a hold placed on your account to prevent registration until you have participated in orientation.

7. See an Academic Advisor - After meeting assessment requirements and attending orientation (if applicable), you are ready to meet with an Academic Advisor. Your Advisor will be able to guide you in selecting the right courses to complete a degree or certificate at CCA and/or to transfer to the 4-year institution of your choice. *Advisors for cohort based programs are located in the Student Success Center.

8. Register for Courses - Register for courses through your My-CCA account (link available from CCA's website). Although we can't register you over the phone or via email, we can guide you through the process. Please contact us should you have any questions. Remember to print your schedule a few days before the semester begins to get current room information.

9. Pay your Tuition - Don't lose your spot in your classes! Each semester, CCA publishes a tuition due-date. You must have your payment arrangements FINALIZED by this deadline to hold your spot in classes. CCA recommends that you complete a payment plan as soon as you register. Early signup allows you a small (or zero) down payment and spreads out your payments over several months. Financial Aid will only hold your spot in classes if you have received an award letter.

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

11. Get your Student ID - Stop by the Welcome Center at the CentreTech Campus or Lowry Student Services office with government issued photo ID to get your CCA Student ID card.

12. 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. To activate your account, login to your MyCCA account and click the "Student Email" link at the top of the page. Your initial password is your date of birth spelled out (for example: February141992).

13. Activate your Debit Card -A little more than a week after you register for classes, your Higher One Debit card will arrive in the mail (look for the bright green envelope). This card will be used to apply your financial aid or any other refund so it is important that you look for the card and activate it when it arrives!

New Student Advising

All new students who have never attended college are required to meet with an academic advisor after mandatory new student orientation.   New student orientation will provide students with information about academic programs, and 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.

Student Types

New Students

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

Transfer Students

Students who have previously attended any college must complete the application for admission indicating any prior colleges attended. 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 complete the Transfer Credit Evaluation form available from the Transfer to CCA link on the CCA Getting Started Checklist.   CCA's Credentials Evaluator will transfer in appropriate courses after students have done all of the following:

- Complete the Transfer Credit Evaluation Form
- Request that all colleges previously attended send official transcripts directly to CCA
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- 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 online Application form for readmission.

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 online CCA Application and apply for the Colorado 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 303-340-7710.

High School Students not Participating in the Concurrent Enrollment Program

Students need to do the following:

1. Complete a new student application for admission.
2. Students 16 and under are required to submit a Request for Waiver of Admission Requirements form and follow the steps in the form.
3. Sign up for the College Opportunity Fund (COF).
4. Complete the CCA assessment test or provide ACT/SAT scores that meet the minimum requirement.
5. Register for classes with an Academic Advisor.
6. Pay for tuition, student fees, books, and supplies.

For additional information, call 303-360-4797.

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 must see the international student advisor in the Advising Department, CentreTech Campus, Administration Building, Room A106, 303-340-7508. For information regarding I-20 Review Session (including dates and times), go to www.CCAurora.edu/students/international-students or call 303-340-7508. International students are required to submit the following documents:

1. The international student application for admission, available online.
2. Submit all prior academic credentials (high school or equivalent).
3. 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. Demonstrate/Document English Proficiency Level using one of the following options
   - All students must take the Accuplacer at CCA in order to take College level courses.
   - Students who are interested in taking only English language courses will be issued an I-20 for "Language Training-ESL" and in this case, TOEFL scores are not required and the student will not be required the Accuplacer test. Students will, however, take the LOEP (Level of English Proficiency) test at CCA to determine their current level of English ability.
   - If the student has previously taken and passed a College-level course at a U.S. college, he or she may submit an official transcript showing completion of the course.
5. Medical insurance for one year must be purchased at time of registration, unless proof of medical and accident coverage in the United States can be provided.
6. Payment of a $75 non-refundable application charge.
7. Full tuition payment is due one week before classes begin each semester

Form I-20 will not be issued to an international student until all of the above documents are on file in Enrollment Services 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 will not issue an I-20 after the deadlines in the chart below:

	First-Time or Reinistatement Applications	Current International Students Seeking Transfer
Fall	May 15	July 15
Spring	September 15	November 30
Summer	February 15	April 30

International students must meet with the international student advisor in the Enrollment Services office, CentreTech Campus, Administration Building, Room A100 prior to registering for

courses. International students must also comply with the following requirements:

1. Immigration requirements with respect to the number of credit hours taken at their home campus. United States Immigration and Customs Enforcement (ICE) regulations require that foreign students on F-1 or M-1 visas carry and complete a full course of study (minimum of 12 credit hours per spring and fall semesters) and that they complete their educational objectives within a reasonable period of time. Any extensions to the reported completion dates must be requested of the international student advisor and reported to ICE at least 30 days prior.

2. Placement testing must be taken before course registration; students are required to follow course placement in English, mathematics, and reading as determined by the placement test scores.

3. International students must pay full tuition one week before classes start each semester.

4. Provisions of the Academic Standards of Progress Policy must be followed.

5. Off-campus work is not allowed without prior permission of the international student advisor and ICE.

6. The international student advisor must be notified of any address change (both local and abroad) within 10 days of change.

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 the Apply & Register link. Staff are available to assist students in completing the application on site in the Admissions, Registration and Records office, Centre-Tech Campus, Administration Building, Room A102 and at the Lowry Campus in the Lowry Student Servcies Office, West Quad, Room 119.

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 are not enrolled in high school, 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 the Director of Advising 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 Accuplacer scores will be used to determine placement in both college-level and Academic Enrichment 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 http://www.cccs.edu/wp-content/uploads/2012/08/BP4-10.pdf. 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 or who otherwise have special needs are encouraged to contact the Accessibility office located in the Learning Resource Center, 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 permanent home and place of habitation. An individual may only have one domicile at any one time.

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, honorably discharged veterans, Olympic athletes, inmates, and recent Colorado high school graduates or GED recipients. Eligible non-U.S. citizens must provide immigration documents, which may include, but is not limited to I-94 Arrival-Departure Record, Green Card or other required documents.

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.

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 instead of following the traditional domicile path. This is the only way for undocumented students to receive in-state tuition.

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

- Have attended a public or private high school in Colorado for at least three years immediately before graduation or completed 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.
- As with the traditional domicile path, residency classification will be determined based off the information and documents submitted by the student. The burden of proof is on the individual seeking instate tuition.

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 an Correction Form by 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. 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. 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 at http://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, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, 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

Orientation is mandatory for all students who have never attended college after High School.   Orientation will review general information about the Community College of Aurora, financing a college education, technology utilized as a student, registering for courses, and other tips to assist students in starting and com-

pleting their degrees at CCA.   Information and online registration for new student orientation is available at www.CCAurora.edu/orientation.   For more additional information, contact the Center for Outreach and Recruitment, Administration Building 102G, 303-360-7522.

Acceptance Letters

Acceptance letters are sent via regular U.S.Mail within one week of application. If a student does not receive a letter or has questions regarding the acceptance letter, please contact the Admissions office, CentreTech Campus, Administration Building, A102, 303-361-7363.

ADVISING AND REGISTRATION

Advising

Academic Advisors are available to guide students in choosing the right degree or certificate program. Advisors also assist students in selecting the appropriate courses for their degree or certificate program, and/or for transfer to 4-year institutions. Advising services are provided on a walk-in basis and by appointment, Monday-Thursday, 8:00AM-5:30PM, and Friday, 9:00AM-4:30PM. Appointments can be schedule by accessing the following link: http://www.ccaurora.edu/getting-started/make-appointment. Additional information is available in the Advising Department, CentreTech Campus, Administration Building, Room A106, 303-360-4797, and at the Student Services office, Lowry Campus, West Quad, Room 119, 303-340-7093, or online at www.CCAurora.edu/students/getting-started/advising.

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New Student Advising

All new students who have never attended college are required to meet with an academic advisor after attending the new student orientation.   New student orientation will provide students with information about academic programs, and 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 meet with an advisor periodically as they progress through their educational programs.   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.

On-line Advising

Students can email the online advisor at OnlineAdvisor@CCAurora.edu using their college assigned e-mail account. Replies are provided by the next business day or before.

Non-Degree Seeking Students

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

Financial Aid Student Advising

All students receiving financial aid should contact an 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 approved assessment test determine their current academic skills in reading, mathematics, and English. Non-native English speakers take the LOEP test to determine their level of English language proficiency. 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 90 minutes taking the assessment. 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 academic 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, and in the Student Services office, Lowry Campus, West Quad, Room 119, or online at www.CCAurora.edu/programs-classes/transfer-options.

CCA hosts a transfer fair during both the spring and fall semesters. Other colleges and universities come on campus to answer questions our students may have about their programs or admissions requirements. Students are encouraged to attend one of these fairs to find out about their options at various colleges and universities.

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 PIN. 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 discouraged and may require approval from the Dean. 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 discouraged and may require approval from the Dean.   See the Admissions, Registration and Records Office, CentreTech Campus, Administration Building, Room A102, 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 written approval from an academic 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.

FINANCIAL MATTERS

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 Schedule of Classes 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 Colorado Opportunity Fund (COF) stipend and will be charged at the non-stipend rate. The per-credit-hour amount is set annually by the 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.

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. For information, call 303-361-7363.

Students using education benefits through the Department of Veterans Affairs (VA) should contact the Military & Veteran Services Office each semester to ensure required paperwork is on file. Students must also complete a request for VA Certification each semester. The priority deadline to submit a Request for VA Certification is three weeks prior to the start of the term; earlier submissions are encouraged to ensure timely processing by CCA and the VA. Prior to the published tuition deadline, students eligible for benefits through Vocational Rehabilitation & Employment and the Post-9/11 GI Bill must complete a Request for VA Certification and have documentation from the VA demonstrating continued eligibility for VA education benefits; all other students must make payment arrangements prior to the tuition deadline.

Tuition information is reported to the VA after the drop deadline and payments will be applied to student accounts once received by CCA. Failure to successfully complete courses, including failed courses, drops, and withdrawals, may result in a reduction of benefits payable to the student and/or CCA. Students may also be required to reimburse the VA or CCA for previously paid benefits. If for any reason the VA determines a student is ineligible for benefits, or if benefits expire during the term, the student will be responsible for paying the balance on his or her account.

Community College of Aurora accepts tuition assistance (TA) through the Department of Defense programs and the Colorado Department of Military and Veterans Affairs. Eligibility for tuition assistance programs   is determined by the individual military services. See http://www.ccaurora.edu/mycca/web/advising/military-tuition-assistance for information on current approved tuition rates, application procedures, and information on submitting your approved TA request. Approved TA forms should be submitted   by the tuition deadline listed in the schedule booklet or as soon as you register for classes or your registration will be cancelled. Tuition assistance will not be invoiced until after the census date for classes.

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. Participating states include Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming. For more information, contact the Admissions, Registration and Records Office at the CentreTech Campus Administration Building, Room A102, 303 360-4797, Lowry Student Services, West Quad Room 119 303-340-7093 or go online to http://wue.wiche.edu.

Financial Obligations of Students

A financial obligation to the College occurs when you register for classes. Failure to attend class or notify Instructors of intent to drop does not release you from financial responsibility. Students who drop classes before 15% of the class has expired will receive a 100% tuition refund. No refunds are granted after the first 15% of the class (Drop Date). If you withdraw from classes after the Drop Date and have an unpaid balance, you are responsible for full payment. CCA forwards unpaid accounts to State Collections. The State of Colorado withholds balances due from Colorado tax refunds. Financial aid recipients who officially or unofficially withdraw from the College may owe a repayment of Title IV funds received. Lack of receipt of a bill does not relieve you of your financial obligation to the College. A student who is financially obligated to the college in any way will be denied a transcript and will not be allowed to register for subsequent sessions until satisfactory payment arrangements are made with the College. Before registering for classes, students will need to sign the "Payment Agreement Form" electronically or by paper form each term. Contact the Fiscal Affairs Department for more information.

Tuition and Fees Payment

Sponsored students must bring proof of sponsorship to the Accounts Receivable office by the tuition due date specified in the Schedule of Classes.

Students who are not receiving financial aid and who are not being sponsored by a third party should be prepared to pay 100 percent of their tuition and fees. See the current Schedule of Classes for specific due dates. Tuition and fees may be paid by cash, personal check, MasterCard, VISA or Discover Card.

Students who cannot afford to pay their tuition and fees in full may create a payment plan. Plan details and deadlines are in the semester Schedule of Classes. A non-refundable fee will be assessed when you setup a payment plan. See the current Schedule of Classes for the list of non-refundable fees.

Refund Policy

The Community College of Aurora will issue refunds based on the following:

Official Drop by Refund Date

1. Full refund (100 percent) of tuition and student fees is granted to students for classes officially dropped through the refund date. The refund date for regularly scheduled classes is published in the schedule. All other refunds are based on 15 percent of the class meeting times. For further information about class refund dates, call 303-360-4700 before the starting date of the class.

2. No refunds are given after the refund date, except for approved extenuating circumstances due to a documented emergency (death of an immediate family member, illness, injury, etc.).

Class Cancellations

When a class section is cancelled by the college for any reason, the college will notify students. 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 A102, or in the Student Service office, Lowry Campus, West Quad, Room 119.

Refund Processing

A refund is automatically initiated when a class is cancelled by the college or dropped by the student before the refund date. A refund will not be made if there is an outstanding balance on the student's account. If a financial aid recipient is eligible for a refund, the funds received must be returned to the student's financial aid account. A reduction in the award may be required. Financial aid recipients must contact the Financial Aid office regarding refund requirements, CentreTech campus, Administration Building, Room A103.

Drop for Non-Payment

The Community College of Aurora (CCA) monitors and drops students from classes due to non-payment of tuition and fees in order to help students avoid incurring extraneous tuition bills and to reduce the number of tuition bills needing to go to collections. CCA runs weekly monitoring reports and notifies students that they need to make payment arrangements for outstanding tuition and fees or be dropped from their class(es) due to non-payment. Monitoring and notifications begin at least two weeks before classes start and continue weekly until all late-starting classes are captured.

Monitoring, Student Notification and Drops

The monitoring, student notification and processing of drops for non-payment are managed by the Fiscal Operations Office as follows:

- Each Monday the Fiscal Operations Office runs the Drop for Non-Payment report in Audit mode to generate a list of students still needing to make payment arrangements.
- Automated calls and e-mails are sent to those students through Blackboard Connect reminding them of the need to make a payment or set up a FACTS payment plan.
- Students who have not made a payment or set up a payment plan by 6 pm the published semester deadline will be dropped from their class(es) in two business day unless payment action is taken.
- Once the semester payment deadline has passed, payment is required within one business day.

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) located in the Financial Aid office, CentreTech Campus, Administration Building, Room A103 or 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 Institutional 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/students/paying-college/financial-aid. This includes:

- Colorado Student Grant (CSG)
- Colorado Work Study (CWS)
- Direct Loan (DL)
- Federal Pell Grant
- Federal Plus Loan
- Federal Supplemental Education Opportunity Grant (FSEOG)
- Federal Work Study (FWS)

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 Scholarship Support and Programming Office, CentreTech Campus, Administration Building, Room A104A, in the 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 home schooled.
- Not be in default on a federal student loan or owe a repayment on a federal grant.
- Be registered with 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 EFC (Estimated Family Contribution), 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-determined 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 and State Employee Tuition Grants

Senior citizens and/or state employees 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. All classified State of Colorado employees qualify for the State Employee Tuition grant. 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 from the Financial Aid office, CentreTech Campus, Administration Building, Room A103 and online at www.CCAurora.edu/students/paying-college/financial-aid.

ACADEMIC MATTERS

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 must 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 303-340-7086.

The ALC College Preparatory Program offers basic, intermediate, and advanced Composition, Grammar, Reading, and Listening and Speaking courses, as well as Computer Basics 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 program chair at 303-340-7504 or the administrative assistant at 303-361-7369.

Credit for Prior Learning

Students may be awarded credit for college-equivalent education acquired through non-traditional schooling, work, or other life experiences. Such prior learning must be comparable to Community College of Aurora courses and must relate to the student's declared certificate or degree program as outlined in college publications. A handbook explaining credit for prior learning is available online at http://www.cccs.edu/wp-content/uploads/2012/08/Credit-for-Prior-Learning-Handbook.pdf. Payment must be made before assessment is undertaken and cannot be paid for with financial aid funds. Students must be registered for at least one semester hour of coursework at the time they submit an application for credit for prior learning (CPL). This credit will not be recorded on a transcript until at least one semester hour has been completed at CCA. Awarded credit may be used to meet Guaranteed Transfer (gt) courses. If credit for prior learning is applied to AA, AS, or AGS-articulated degree requirements, transfer guarantees may be affected. Consult your advisor or transferred institution for details.

A student relocating to another Colorado community college may have their prior learning credits transferred there as long as the course is applicable to the student's declared degree or certificate. Students transferring to a college or university outside the state system of community colleges should contact that school to determine if CCA prior learning credits will be accepted. The

Community College of Aurora does not guarantee transfer of credit outside the Colorado Community College System. Students may document prior learning through successful completion of any of the following:

Standardized Testing

CCA evaluates the results of standardized tests such as CLEP and DSST (formerly DANTES) for the possible awarding of credit. Official copies of the student's scores must be sent by the testing service to the CCA Admissions, Registration and Records office. After evaluation, the student will be notified by the college if the scores were sufficient for the awarding of credit.

For information concerning minimum score and credit transferability, contact CCA's Credentials Evaluator at 303-360-4710.

CLEP and DSST testing services are available in the Community College of Aurora Testing Center. See Testing Services in the Services for Students section for more information.

Portfolio of Learning Outcomes

Students may petition the college for credit by developing a portfolio that describes and documents relevant prior learning comparable to that gained in CCA courses. Faculty in the appropriate program area will evaluate the portfolio and award credit commensurate with the learning experience. No more than one portfolio evaluation for a particular course per student will be arranged during any one semester. Each course must be in the college curriculum and must be part of the student's certificate or degree requirements. The cost for a portfolio evaluation is 50 percent of in-state tuition per credit hour (less the COF share of tuition) and payment must be made prior to the evaluation.   Although credit for experience demonstrated by portfolio could count towards graduation from CCA, other colleges will have their own evaluation procedures for portfolio work and may not accept this credit in transfer.

Challenge Examinations

Students may challenge a course, provided they are not enrolled in that course, by taking a comprehensive examination. Students must first meet with an academic advisor, then with their appropriate academic dean. No more than one challenge of a particular course will be arranged during any one semester. The cost is 50 percent of in-state tuition per credit hour (less the COF share of tuition) and payment must be made prior to the examination. Successfully completed challenge exams will count towards applicable CCA courses, but may not transfer outside of CCA. Please consult a CCA Academic Advisor or your transfer school for additional information.

Evaluation Using Published Guides

Students desiring credit for formal training courses completed through the U.S. Armed Forces, corporate training programs or at other postsecondary education institutions may receive credit for these classes if they are listed in the American College of Education (ACE) guide, which is used by CCA to evaluate this type of prior learning. There is no charge for this method of evaluation.

Academic Dishonesty

Instructional Policy on Academic Dishonesty

Academic dishonesty includes cheating and plagiarism. Cheating is the unauthorized use of assistance with intent to deceive an instructor or any other individual responsible for evaluating a student's work. The following are examples of unethical actions:

1. Submission of any materials not prepared by students but presented as their own.
2. The unauthorized possession and/or use of notes, books or the soliciting of assistance from another student during an examination.
3. Illegitimate possession or distribution of examinations, test materials, and/or answer keys to tests and examinations.

Plagiarism refers to the use of another person's work without giving proper credit to that person. A student must give proper credit through the use of appropriate citation format when (a) copying verbatim another person's work (e.g., words, phrases, sentences or entire passages); (b) paraphrasing another person's work (i.e., borrowing but rewording that person's facts, opinions or ideas); and (c) summarizing another's work (i.e., use of one's own words to condense longer passages into a sentence or two).

Consequence of Academic Dishonesty

When dishonesty is evident, the following minimum sanctions will be applied:

1. First offense: The student may receive an F or Zero as the grade for the assignment. In addition, the first incident may result in the loss of testing privileges in the Learning Resource Center for the current and next semester in which the student is enrolled in the college. The student's name is added to the college wide academic dishonesty database by the dean of instruction.
2. Second offense: The student may receive an F for the course and may be expelled from the class. A second offense may also result in permanent loss of testing privileges in the Learning Resource Center.
3. Third offense: The student may receive an F for the course and may be expelled from the college.

Procedures for Reporting Alleged Dishonesty

1. The Instructor or Testing Proctor who suspects a student of dishonesty must notify the student as quickly as possible after the alleged infraction. The Instructor or Testing Proctor will collect all pertinent materials. The Testing Proctor will not make any decisions regarding the suspected dishonesty incident but will report it to the Instructor. The Instructor will discuss the suspected incident with the Division Chair. If the Instructor and chair jointly decide that there is sufficient evidence to substantiate the allegation, the Chair will report the incident to the appropriate Dean of Instruction.
2. A student may appeal the cheating allegation according to the CCA Policy Procedure entitled Student Academic Appeals.

Attendance

Regular, punctual class attendance is necessary if students are to obtain maximum benefits from instruction. Students are expected to comply with attendance policies 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 the 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. Special articulation agreements exist for teacher education, business, criminal justice, and engineering. Certain majors require essential lower-division prerequisites. Students need to see an 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 an Academic 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 an advisor for more information.

To learn more about these opportunities, contact the transfer coordinator or admission director at the chosen institution as soon as possible to start the financial aid planning 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 when a student 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. This agreement does not apply to Business, Elementary Education, Early Childhood Education and Nursing degrees, which have specific statewide articulation agreements. Lower division requirements are required before transferring into these programs.

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. Students should contact an 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, 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.

Special articulation agreements exist for Teacher Education, Business, and Engineering that specify which lower-division prerequisites are needed. Certain majors require essential lower-division prerequisites. Links to transfer guides that will help students select lower-division credits that will speed them on their way to finishing the baccalaureate degree are available on the college website.

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

Traditional Face to Face

Traditional face to face classes meet in a classroom the days and times   as listed in the schedule.   Students are expected to attend every class as listed. Faculty members teach each class in person, while providing consistent interaction between students. Traditional classes allow for group work, collaboration, and community among peers.

Online (Internet) Learning

Online courses are offered using the Internet, making it convenient for you to complete assignments and interact with your instructors and classmates fully online. Your computer must pass the system check for online courses.   Please go to here to check your system. Additionally, students must have reliable Internet access for all online courses.   To login to courses using Desire2Learn, students will simply log in to MyCCA, and click on the link to Desire2Learn for course access.   To contact Admissions, Registration and Records for additional information please send an email to OnlineAdvisor@ccaurora.edu. Students with questions concerning the skills required to complete an online class should may click here for an overview of requisite technical skills.

Hybrid

Hybrid courses combine the flexibility of online courses with the opportunity to meet face-to-face with the instructor and classmates.   Some of the work will be completed online using a learning management system, and the remainder through scheduled meeting times that are published for each course.   Some or all meeting times may be mandatory depending upon the course and instructor.

Self-Paced

Self-paced courses allow the student to progress at his/her own pace and must be completed in one semester.   Self-paced courses may require due dates on certain assignments, depending on the course and instructor. The courses are Internet based; however, instructors are available to meet with individual students at specified times. These courses are listed in the All CCA Courses section.

Weekend

Weekend classes are intended for students who may not be able to attend classes on weekdays, as well as for those who may wish to complete a degree or certificate in a shorter period of time. Classes may not meet every weekend.   The first class will detail information about additional class sessions and course requirements.   Consult the Schedule of Classes for a complete list of Weekend College classes and meeting dates.

Independent Study

The College may provide for individual student needs through independent study.   All requests for independent study are subject to the approval of the Division Dean.   No more than 6 semester hours of independent study course work may be applied to any Associate degree program.

Special Topics

Special Topics courses provide instruction on selected topics within a program.   The number of semester hours of credit is determined by the department offering the course and approved by the Instructional Leadership Team.   No more than 6 semester hours of Special Topics course work may be applied to any Associate degree program.

Supervised Field Experience

The Community College of Aurora recognizes the need for supervised field (off-campus) experience in various programs.   Supervised field experience may be titled "work experience," "practicum" or "internship."   These field experiences are designed to provide on-the-job training for students with the goal of increased employability upon completion of their education.   In a supervised field experience, the community, its resources, and employees become an extension of the college.   All supervised field experience courses include: (1) course descriptions; (2) an instructor with credentials in the program area to supervise the off-campus instruction; (3) course activities designed by the instructor; (4) attendance at a minimum of one class session per week with the assigned instructor; (5) a plan developed by the student and instructor, including all assignments required for completion of the course; (6) grading following the established grading policy of the College; and (7) instructor scheduling of the supervised field experience hours, requiring the same types of assignments and preparation as for on-campus courses.

Career and Technical Education (CTE)

The Associate of Applied Science degree programs and related certificate programs provide occupational education for students who are seeking job preparation, career mobility or job retraining. The college also offers on-site workforce development and customized training for business and industry.

SERVICES FOR STUDENTS

Military & Veteran Services

VA Benefits

Veterans can use their educational benefits at CCA. The veteran certifying official will complete the certification once a Request for Certification is submitted each semester. All questions and forms should be submitted to Military & Veteran Services, CentreTech Campus, Administration Building, Room A105, 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 their third semester at CCA. Students using VA benefits must submit official transcripts of all previous post-secondary education and training and military transcripts prior to their third semester to continue to enrollment certified to the VA. 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. Students are responsible for ensuring that satisfactory arrangements have been made for payment of their tuition to the college.

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.

Servicemembers Opportunity College

The Community College of Aurora is a member of the Servicemembers Opportunity College (SOC). SOC is a consortium of national higher education associations and approximately 1900 institutional members that function in cooperation with the Department of Defense and military services to help meet the voluntary higher education needs of service members. As a member of SOC, the Community College of Aurora subscribes to principles and criteria to ensure that high-quality academic programs are available to military students.

Resources for Students with Disabilities

Accommodation requests due to a disability may be made by completing the online Needs Assessment form at http://www.ccaurora.edu/accessibility/forms. Please make an appointment if you need assistance with the online form. Documentation of the functional impact the disability has on the student in a learning environment may be provided through the contact information listed below. The student will be contacted through their CCA student e-mail within 3-5 working days to request an interview appointment. 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.

For more information, go to www.CCAurora.edu/accessibility. The Accessibility Services office is in S202A, located at the Centre-Tech Campus in the Student Centre Building.   You may request an appointment through the following: 303-361-7395 V/TDD/VP, Fax: 303-340-7533, or ASO.CCA@CCAurora.edu mailto:aso.cca@CCAurora.edu.

Additional Resource

Contact the Rocky Mountain Disability and Business Technical Assistance Center, 1-800-949-4232, or go online at www.ada-infonet.org.

Academic Resources

Learning Resource Center (LRC)

The Learning Resource Center, located on the CentreTech campus in S202, provides students instructional support to ensure student success at CCA.   Students can access library and research services, and instructor make up testing there. The LRC has a computer lab with 36 computers for word processing and accessing the Internet. These computers are available to students at no charge throughout each semester. There are 3 study rooms that can be reserved for individual and group use in the LRC.

Information about tutoring the LRC is available through MyCCA in the Student tab, the Academic Support channel.

Early Alert Program

In order to ensure student success, the faculty at the Community College of Aurora may participate in the Early Alert Program. The Early Alert Program is designed to identify students who are having academic difficulty. Students are referred to the Advising Office after an initial contact by a faculty member. An Academic Advisor will then attempt to address the student's needs, thereby increasing the likelihood of their success. The primary goal of the Early Alert Program is to identify students that are having difficulty with enough time to avoid a low mid-term grade. Generally, identification by the fourth week of the semester is best. The program is not designed to penalize students, but rather to address academic problems or difficulties early on in the semester so that a student can successfully complete the course.

Student Success Center

CTC, Student Success Centre, Room S101

The Student Success Center's mission is to promote student success through dedicated support in an inclusive and authentic academic community.   The following programs are housed in the Student Success Center:

- Transfer Success Program – serves students interested in completing their associate's degree and transferring to a four year college to earn a bachelor's degree
- TRiO Student Support Services – serves first generation college students who are designated as low income or who have a documented disability.
- Partner Programs - the Student Success Center also serves cohorts of students who receive a third-party scholarship, such as Mile High United Way, Denver Scholarship Foundation and the Daniels Fund.   Additionally, the SSC provides support for all CCA students participating in the ASCENT program.

The goal of each of these programs is to help students meet their individual college goals through degree completion, transfer and/or career exploration. Capacity in each of these programs is

limited and students wishing to participate must complete an application and participate in a brief interview. Students participating in these programs are expected to meet with an assigned advisor regularly, participate in workshops and other center events (fall and spring welcome back events), utilize tutoring and participate in the AAA 101 course where appropriate. To find out more about our programs and to learn how to get involved stop by the Student Success Center in the Student Centre Room S101.

Tutoring

CCA provides a variety of tutoring and other academic support programs. Assistance in math, writing skills (Writing Studio), English as a Second Language (ESL), and basic computer skills is offered in the Academic Support Lab, CentreTech Campus, Classroom Building, Room C109. Math and writing skills tutoring (Writing Studio) as well as assistance with Microsoft Office applications are also offered in the Lowry Academic Support Lab, Lowry Campus, West Quad, Room 106. Accounting and science tutoring is also available at the Lowry campus.   More information is available at 303 340-7536 or in the Academic Support channel on the Student, Faculty, and Advisor tabs in MyCCA.

Testing Services

The Community College of Aurora Testing Center provides a variety of testing services for CCA students and the community, including:

- ACCUPLACER® placement tests and re-tests
- Online/Distance Learning Proctoring services
- CLEP®/DSST™ testing services
-

ACCUPLACER Placement Test   – Walk-in at CentreTech and Lowry campus.

The ACCUPLACER® Test helps our advisors determine where to begin your educational program. The test serves to ensure success in college by placing students in the appropriate-level courses. See the www.CCAurora.edu\testing site.

Online/Distance Learning Proctoring Services – by Appointment at the CentreTech Campus only.

The CCA testing center offers proctoring services for online courses, distance learning programs, or other testing needs at $25 a test. Call the testing center for more information.

College-Level Examination Program   (CLEP) – by Appointment at the CentreTech Campus only.

The CLEP is a series of examinations that allow you to earn college credit for what you already know, regardless of where you learned it. CLEP is the most widely accepted credit-by-examination program in the United States. http://clep.collegeboard.org/. Study guides may be purchased in the CCA Bookstore. For more information about taking the CLEP at CCA, visit http://www.ccaurora.edu/students/academic-support/testing/clep-testing

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 jects.   www.getcollegecredit.com. Study guides may be purchased in the CCA Bookstore. For more information about taking the DSST at CCA, visit http://www.ccaurora.edu/students/academic-support/testing/dsst-testing

Please call 303-360-4948 or email testing@ccaurora.edu to schedule appointments.

There are two locations:

CentreTech Campus
16000 E. CentreTech Parkway, Rm A-205
Aurora, CO 80011
Phone: 303-360-4948

Lowry Campus
710 Alton Way
Lowry Campus West Quad (Bldg 903)
Denver, CO 80230
Phone: 303-360-7093

Testing at Buckley Air Force Base for active duty members, their spouses and DOD/Civilians. Registration is online.

Instructor Make-up and Online Class Testing

Instructor make-up testing and testing for Community College of Aurora online classes is available during scheduled hours in the Learning Resource Center, CentreTech Campus, Student Centre Building, Room S202, 303-340-7542, instructor.testing@ccaurora.edu. Hours and further information are available in MyCCA in the Student tab, the Academic Support channel.

College Library

The primary physical library collection at CCA is housed in the Learning Resource Center at the CentreTech Campus in S202. The Lowry campus has satellite libraries in selected departments, including Art, Law, and Science. The collection is searchable through our online catalog, AspenCat. For information on obtaining books, eBooks, scholarly articles, and research assistance, please refer to the website: www.ccaurora.edu/library, or in MyCCA in the Resources tab, the Library channel.

Career Services

The Community College of Aurora's career services office provides a variety of online and face-to-face resources to assist students with career exploration, career skills development and internship/employment opportunities.   The goal of the department is to prepare the student to research, plan and navigate their individual career path.

The services provided include:

- Career advising
- Online career resources
- Career development workshops
- Online internship and job boards
- Career and skills assessments
- Employer networking opportunities: "Company Spotlight", job shadow opportunities, company tours and presentations
- Career/job/internship fairs and events

Career Services advising appointments are available at both campuses: Monday and Tuesday, 8:00am-6:00pm, Wednesday and Thursday, 8:00am-5:00pm and Friday, 9:00am-4:30pm. Appointments can be schedule in person at either campus, by phone at 303.360.4914 or by accessing the following link: http://www.ccaurora.edu/getting-started/make-appointment.

College Book Store

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

Safe Zones

Safe Zones is a voluntary network of faculty, staff and students who believe that every member of the college community should have an equal opportunity to grow and learn in a safe and open environment. It ensures a campus atmosphere that is supportive, informative and welcoming to all members of our campus community.

CARE Team (Conflict, Assessment, Resources & Empowerment)

CARE Team purpose is to provide a cross-functional, multidisciplinary point of contact for members of the college community who have encountered student behavior which is causing concern. The team will act promptly to follow-up with the individual initiating the report, determine if there have been any additional warning signs or reasons for concern (such as student code of conduct violations or classroom incidents), and meet with the student to develop a plan. Our intent is to be caring and preventive.

We encourage you to contact the team if you have concerns about student behavior which you have observed in your classroom or other locations on campus. There is an online referral form available for your use. You can also make a referral in person, by phone or through email.

If you feel that the behavior you are observing poses an immediate threat or danger to self or others contact Security: CentreTech Campus: 303-360-4727. Lowry Campus: 303-419-5557 or dial 911.

For additional information and resources, please visit http://www.ccaurora.edu/office-student-conduct-intervention-retention

http://www.ccaurora.edu/office-student-conduct-intervention-retention.

For immediate attention contact the CARE Team through Angie Tiedeman (303-340-7524), Angie.Tiedeman@ccaurora.edu, or Elena Sandoval-Lucero, (303) 360-4824, Elena.Sandoval-Lucero@ccaurora.edu.

Student Health Insurance

CCA does not provide health insurance for students.   Information about health insurance options for students is available online at MyCCA, under the Campus Life tab in the Admissions, Registration and Records office and Student Life Office, Lowry Campus West Quad, Room 110, and at Lowry Student Services, West Quad Room 119.

Student ID Cards

Student ID cards are issued once students register for classes in the CentreTech Campus in the Administration Building at the Welcome Center and at the Lowry Campus, West Quad, Room 119, during normal business hours. At the beginning of each semester, bring your ID card to one of the following locations for a sticker to validate continued enrollment: CentreTech Campus: Welcome Center or A102 in the Administration Building or the Student Life office in the Student Centre Building; Lowry Campus, West Quad, Room 119.   Obtaining a student ID card is optional but is required at the Lowry Computer Lab and the Learning Resource Center. There is no charge for the student ID card.

Student Life

Student fees help to fund free activities and events and to provide opportunities for student leadership. Sponsored organizations include: Sports clubs, academic clubs, cultural clubs, and special interest clubs. More information about activities, events, clubs and organizations is located in the Student Life office, Lowry Campus, West Quad, Room 110, 303-340-7252 or online at www.CCAurora.edu/about-cca/campus-life.

The Office of Student Life is responsible for developing programs of interest to CCA's Student Body. Student Life also works with new and existing clubs and organizations to provide support for their development. Programs and activities currently offered through Student Activities include campus recreation, wellness programs, and cultural-ethnic events. These activities provide constructive experiences to promote leadership, personal growth, and social interaction for CCA's students. 303-340-7525

- Clubs and Organizations
- Health and Wellness
- Newsletter & Student Bulletin
- Student Government Association

Student Government Association

The Student Government Association, funded by student fees, represents the student body and serves as a liaison between the faculty, administration, and student body in areas of mutual interest. The purpose of the SGA is to promote student leadership and college spirit, provide a forum for discussion between students and administration, and give students a representative voice in college affairs. In short, SGA works for YOU! It is our duty to voice the best interests of CCA students and to assist you with any issues that you might have – no matter how large or small – to make your college experience better. If you have suggestions, ideas, or just want to chat, we are happy to listen.

Phi Theta Kappa

Phi Theta Kappa   is the International Honor Society of two-year colleges.   The Alpha Pi Pi Chapter resides at CCA and encourages members to participate in community service and develop leadership potential.   Alpha Pi Pi also provides a means for scholars with high academic achievements to share their knowledge in the college.   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.

Current & Proposed Clubs

If you would like more information on one of our existing clubs, or if you would like to form a new club, please visit the Office of Student Life, Lowry Campus, West Quad, Room 110 or contact 303-340-7525 or Student.Life@CCAurora.edu.

MY STUDENT RECORD

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 their next enrollment.

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 generally 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

Grade	Implication	Grade Points
A	Excellent or Superior	4
B	Good	3
C	Average	2
D	Deficient	1
F	Failure	0
I	Incomplete	0
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
W	Withdrawal	NGPA
AU	Audit	NGPA
SP	Satisfactory Progress	NGPA
Z	Grade not yet reported	NGPA

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 complete and sign an "Incomplete Grade Contract" and will submit it to the Admissions, Registration and Records office with the final grades for the semester. The instructor must assign a Final Grade through a Grade Change Form 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.

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 not submitted.

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

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 Instruction.

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.

Sample

Course	Description	Credits	Grade	Points
ANT 111	Physical Anthropology	3	A	12 (3x4)
BIO 201	Human Anatomy and Physiology I	4	A	16 (4x4)
CSC 116	Logic and Program Design	3	B	9 (3x3)
ENG 121	English Composition I	3	D	3 (3x1)
POS 111	American National Government	3	F	0 (3x0)
Total		**16**		**40**

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.

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 cumulative grade point average. 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 12 semester GPA producing credits at CCA with a 3.5 or better GPA for the term. Term honors are designated as follows:

   - 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.   An Academic 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 another CCCS college.

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 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 suspended 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.

- This includes summer term courses.

- 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 2.00 for all classes attempted.

Academic Alert: Student has attempted fewer than cumulative 9 credits with a cumulative GPA less than 2.00 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 2.00 for all classes attempted.

Probation: Student has attempted at least 9 cumulative credit hours and has a cumulative GPA less than 2.00 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 academic 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 academic or program 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 an Academic 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 adn 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 Academic 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.

Credit Completion Progress

Recognizing the value of credit completion for all students with regards to retention, transfer and credential attainment, CCA has established the following practice and procedures for measuring credit completion progress. Students must meet the standards of credit completion progress in order to be a successful student at CCA.

Credit Completion Process

For students who have attempted fewer than 9 credit hours, CCA will monitor credit completion through an Alert process. These students are not subject to the Credit Completion Progress guideline.

Credit Completion Progress standards apply to all students who have attempted 9 or more credits at CCA, regardless of the number of term credits they attempt from that point forward. Credit Completion Progress standards will be applied consistently and uniformly within each CCCS college. CCA will determine Credit Completion Progress standards following the posting of the majority of term grades for each semester. Students placed on warning 1, warning 2 or warning 3 will be notified of their status. Credit Completion Progress status will be noted on the advising and unofficial transcripts only (it will not be noted on the official

transcript). The Credit Completion Progress status of a student is specific to CCA and does not impact a student's enrollment at other CCCS colleges..

Credit Completion Definitions

- Credit Completion Progress include all credit bearing classes (developmental and college level), which will be used to calculate the percent of attempted credits passed. This includes summer term courses.
- Only courses taken "in residence" will be used for this calculation; "In residence" means taken at CCA. Courses taken elsewhere and transferred in do not apply. The credit completion rate for this procedure will not necessarily match those used for financial aid purposes or athletic eligibility.
- Grades considered to be passing when computing the percent of attempted credits passed are as follows: A, B, C, D, S/A, S/B, S/C, and S.
- Grades considered to be failing when computing the percent of attempted credits passed are as follows: I, F, U/D, U/F, W, and AW.
- Course Completion Rate is calculated by dividing the total attempted credits by the number of credits successfully completed as per the definitions above.

Credit Completion Standards

Initial Standing: Student has attempted fewer than 9 cumulative credit hours will not be assessed for credit completion.

Good Standing: Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of at least 50%.

Warning 1: Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the first time.

Warning 2: Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the second time.

Warning (continued): If a student on Credit Completion Probation passes 50% or more of their attempted term credits, but fails to raise their cumulative completion rate to 50%, they will be allowed to continue the next term, but will remain on Credit Completion Probation.

Warning 3: Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the third time.

Credit Completion Warning Rules

- Students on Warning 1 will receive a communication regarding their credit completion status and will be given information on student support services at CCA.
- Students on Warning 2 will receive a communication regarding their credit completion status and will have a credit completion registration hold placed on their CCA student account. The student will not be able to make any changes to their student account until they meet with an academic or program advisor.
- Students on Warning 3 will receive a communication regarding their credit completion status and will have a credit completion registration hold placed on their CCA student account. The student will not be able to make any changes to their student account until they meet with an academic advisor. CCA reserves the right to limit the number of credit hours the student may enroll in when placed on Warning 3 status.

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 explaining the problem. The dean will investigate and respond in writing within 15 days.

Veteran Academic Standards of Progress

Academic Standards of Progress, as described below, apply to all CCA students, including veterans. If a veteran   stops attending classes, and receives an "F" for those classes that will be reported to the VA as a withdrawal as of the last date of attendance as reported by the instructor. As long as veterans are on academic probation they continue to receive VA benefits; their status will be reported to the VA. If veterans are suspended from school due to lack of progress, VA benefits will be terminated for the length of the suspension.

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 an Academic 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 the opportunity to remove a maximum of 30 semester credit hours of poor academic performance from the grade point average (GPA) calculation.

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 Advising Office, CentreTech Campus, Administration Building, Room A102.

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

1. The student must have a two-year period 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 an academic advisor's signature. A student concerned about a poor academic record is encouraged to meet with an advisor to discuss CCA's other academic progress options and strategies for academic success.

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 their transfer admissions, financial aid, remaining stipend eligible hours, Veterans Affairs benefits, and other agencies. 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 A102, and in the Student Services office, Lowry Campus, West Quad, Room 119, or online through MyCCA. 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 an advisor 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.

Transfer Credit Evaluations

An official transcript must be mailed directly to CCA 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 Credentials.Evaluator@CCAurora.edu. Transfer credit will be evaluated course by course based upon the student's declared degree or certificate. Generally, grades of "C" or better will be accepted in transfer.

Depending on program of study at CCA and courses taken, some classes are not eligible for transfer after 5 years.   Please consult an Academic Advisor for details.

To initiate the transfer process, students should complete the Transfer Credit Evaluation form available from the Transfer to CCA link on the CCA Getting Started Checklist.   CCA's Credentials Evaluator will transfer in appropriate courses after students have done the following:

- Complete the Transfer Credit Evaluation Form
- Request that all colleges previously attended send official transcripts directly to CCA

Emailed confirmation of the credit awarded will be sent to each student for whom a credit evaluation is completed. Students can also check the status of their transfer credits by viewing their unofficial transcripts online at www.CCAurora.edu/ and accessing their MyCCA account. 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 A102, maintains student records and issues transcripts. Students may request a copy of their Community College of Aurora transcript be sent to another college or to an employer by requesting a tran-

script through online services or by completing a request for transcript form available at the Admissions, Registration and Records office, CentreTech Campus, Administration Building, Room A102 or at the Student Services office, Lowry Campus, West Quad, Room 119. The college requires two to three days to process requests and will consider faster processing only if staffing levels are appropriate to expedite the request and the student has expressed a valid need for faster processing. Students will be charged for expedited services.

Change of Address and Telephone Information

It is the responsibility of students to update their current addresses, telephone numbers, and email addresses online. 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. 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 REQUIREMENTS

Graduation Applications

Students who expect to complete their degree or certificate requirements and be eligible for graduation at the end of a semester must apply for graduation the semester before graduation is anticipated. This early application allows CCA's Credentials Evaluator to review their records and ensure that students register for the appropriate courses in their final semester. Application deadlines are shown below:

Planning to graduate at the end of:	Application Priority Deadline*:	Final Submission Deadline**:
Spring	December 1	April 1
Summer	April 1	July 1
Fall	July 1	November 1

* - Applications submitted by the Priority Deadline will be reviewed before the start of your final semester.   CCA will contact you to advise you of any changes required to your final semester schedule to ensure completion of all graduation requirements in the application term.

** - Applications received by the Final Submission Deadline will ensure that you are included in the commencement ceremony program and your application will be processed in the order received.

Applications received after the Final Submission Deadline will be processed with the next semester's graduating class.   Spring applications received after the Final Submission Deadline will not be included in the commencement ceremony program.

The Graduation Application is available on the Student Tab of MyCCA in the "Steps to Graduate" section.   Prior to the graduation application deadline, students should do the following:

- Verify that they are currently in the correct degree or certificate program
- Review their Degree Works audit to ensure that they have registered for the appropriate final semester courses
- Meet with an Academic Advisor to discuss any questions or concerns about final semester courses
- Complete the Application for Graduation

Applications received after the deadline may not be evaluated prior to the start of one's final semester and could result in omission from the official program at the commencement ceremony.

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 counted 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 (eg 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. Degree seeking students must satisfactorily complete a minimum of 15 credit hours at CCA to be eligible for graduation. For certificates, at least 25% of the credits must be completed at CCA. CCCOnline courses with registrations through CCA are considered CCA courses and do fulfill this requirement..
7. To obtain a second degree from CCA, a student must meet all program requirements as well as complete 15 additional semester hours at CCA.
8. 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.
9. No more than six semester hours of special topics may be applied to any associate degree program.
10. No more than six semester hours of independent study courses may be applied to any program.
11. No more than six semester hours of directed study courses may be applied to any associate degree program.
12. Courses numbered 100 and above apply to degrees (MAT 106 is an exception).
13. Credit for Prior Learning will apply toward degree requirements, but not toward residency requirements.

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 Credentials Evaluator in writing.   The Credentials Evaluator will work with the Registrar, student, Department Chair and Division Dean as appropriate.   The Office of the Registrar 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, but 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 mail of their graduation status.

STUDENT RIGHTS AND RESPONSIBILITIES

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 Student 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

The Community College of Aurora does not discriminate on the basis of race, color, creed, national origin, ancestry, sex, sexual orientation, pregnancy status, religion, veteran status, age, or disability in its employment practices and educational programs and activities. Individuals with limited English proficiency interested in career and technical education programs will be assessed and offered options to support their participation in CCA programs. The following person has been designated to handle inquiries regarding the non-discrimination policies or discrimination complaints: Cindy Hesse, Director of Human Resources, Administration Building, Room A207-D, Telephone: 303-360-4752.

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 Chief of Campus Security, CentreTech Campus, Administration Building, Room A103-G. A list of crime-related statistics for the Lowry Campus can be obtained online through the Colorado Community College System Web site at www.cccs.edu or through the Campus Security and Safety link on www.CCAurora.edu. 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/ or through the Campus Security Safety link on www.CCAurora.edu.   Security at the CentreTech Campus is located in the Administration Building, Room 101, 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 office under the supervision of the Executive Vice-President for 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 will strive to make its facility a reasonably secure place for all members of the campus community. The college provides its students and employees with a level of security equal to that afforded similar activities throughout the community.

Safety/Security

It is the responsibility of all persons to practice appropriate safety measures. In the event of an injury, during instruction or any other time on campus, the injured party must report the nature of the incident and the manner in which it was handled. This first report is to be filed in the Human Resources office, CentreTech Campus, Administration Building, Room A201, with a second copy filed in the Director of Facilities office, CentreTech Campus, Administration Building, Room A105-C.

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 Conduct, Intervention & Retention 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 www.ccaurora.edu/students/student-right-know.

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 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 Centre-Tech Campus, Administration Building, Room A103, at the Lowry Campus, West Quad, Room 119 and online at www.CCAurora.edu/students/student-right-know.   All Students and prospective students are strongly encouraged to read the information available in the financial aid handbook.

Voter Registration

CCA fully supports and advocates that our students and staff register to vote. Voter registration forms are available in the Admissions, Registration and Records office, CentreTech Campus, Administration Building, A102, or online at www.elections.colorado.gov/DDefault.aspx?tid=547

This college catalog is subject to changes during the year. Changes and addendums are available at www.CCAurora.edu.

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.

Student Code of Conduct

Students need to conduct themselves in a manner compatible with the college's function as an educational institution. CCA expects each student to obey the federal, state, and municipal laws, as well as college regulations.

Any act which interferes with the learning process, rights of others, disrupts or impairs the normal functioning of the college, damages or destroys property, or impairs health or safety is grounds for disciplinary action. Examples of misconduct subject to disciplinary action and associated procedures may be found online at

http://www.ccaurora.edu/students/student-right-know/code-of-conduct.

Student Code of Conduct, Academic Appeal, and Grievance Procedures

Upon enrolling at the college, you assume an obligation to conduct yourself in a manner compatible with the college's function as a public educational institution. CCA expects each student to obey federal, state, and municipal laws as well as college regulations. In addition, students must adhere to the State Board for Community Colleges and Occupational Education Board Policies, the Colorado Community College System President's Procedures, and the CCA Student Code of Conduct explained below.

Any act which interferes with the learning process, rights of others, disrupts or impairs the normal functioning of the college, damages or destroys property, or impairs health or safety is grounds for disciplinary action. Conduct that violates student rights and freedoms and is subject to disciplinary action includes, but is not limited to:

1. **Academic Misconduct:** 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 violate reasonable standards for academic behavior.   Students who engage in any type of academic dishonesty are subject to both academic consequences as determined by the instructor and to disciplinary action as outlined in the Community College of Aurora disciplinary procedures.

2. **Disruptive Behavior:** Engaging in any disruptive 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.

3. **Deceitful Acts:** Engaging in deceitful acts, including, but not limited to: forgery, falsification, alteration, misrepresentation, non-disclosure, or misuse of documents, records, identification and/or educational materials.

4. **Conduct that is Detrimental to College or to Safety:** Conduct that is deemed detrimental, harmful and/or damaging to the college and/or that jeopardizes the safety of others as determined by the Chief Student Affairs Officer (CSAO) or designee. Examples include, but are not limited to, slamming doors, throwing chairs, and/or defacing of college property, or property of others.

5. **Physical/Non-physical Abuse:**
   - Physical abuse or conduct that threatens or endangers another person's health or safety.
   - Non-physical abuse, threats, intimidation, coercion, influence, or any unwelcome conduct in any form that is sufficiently severe, pervasive or persistent that it alters the conditions of the learning environment or employment.
   - Knowingly falsifying, publishing or distributing, in any form, material that tends to impeach the honesty, integrity, virtue or reputation of another person.

6. **Harassment and/or Discrimination:** Discrimination or harassment on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion or sexual orientation.

7. **Sexual Misconduct:** Sexual Misconduct offenses include, but are not limited to Sexual Harassment, Non-Consensual Sexual Contact (or attempts to commit same), Non-Consensual Sexual Intercourse (or attempts to commit same), and/or Sexual Exploitation.   (See SP 4-120a for more information: http://www.cccs.edu/SBCCOE/Policies/SP/PDF/SP4-120a.pdf)

8. **Weapons:** Possession or distribution of any unauthorized firearms, ammunition, explosives, fireworks and/or other dangerous weapons (or chemicals/flammable liquids) or use/threat of use of any instrument (including, but not limited to paint ball guns, pellet guns, air soft guns, bow and arrows, knives) as a weapon to intimidate, harass, or cause harm to others.

9. **Narcotics/Alcohol:** 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.   Note: Although possession and use of marijuana consistent with the requirements of the Colorado Constitution is no longer a crime in the State of Colorado, the possession and use of marijuana remains illegal under federal law. Consistent with federal law, including the Controlled Substances Act and the Drug Free Schools and Communities Act, the use and/or possession of marijuana continues to be prohibited while a student is 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.

10. **Dress Code:** Dress or personal hygiene that fails to meet the established safety or health standards of specific classes or activities offered by the college.

11. **Leaving Children Unattended:**   Leaving children unattended or unsupervised in campus buildings or on campus grounds unless enrolled or participating in authorized campus activities.

12. **Violation of Laws, Directives, and Signage:**
   - Violations of any municipal, county, state or federal law that adversely impacts the conditions of the educational or employment environment.Violations of college traffic and parking rules, regulations, or signage.
   - Damage to or falsely using fire alarms and/or fire extinguishers.
   - Creating an intentional obstruction that unreasonably interferes with freedom of movement, either pedestrian or vehicular.   This includes, but is not limited to leading or inciting disruption to college activities.
   - Failure to comply with 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 wellbeing of others.
   - Violations of college policies, protocols, procedures or signage.

13. **Illegal Gambling:** 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.

14. **Unauthorized Entry and/or Unauthorized Possession:** Entry into, or use of any building, room, or other college-owned or college-controlled property, grounds, or activities without authorized approval.   This also includes, but is not limited to the unauthorized possession, duplication or use of college keys, lock combinations, access codes, and access cards and/or credentials and/or propping open or tampering with doors/windows.

15. **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; reposting personal communications without author's consent; copying protected materi-

als; 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.

16. **Unauthorized Pets/Animals:** Possession of any unauthorized pet or animal, excluding trained service animals while on college-owned or college-controlled property.

17. **Tampering with Student Organization, Election, or Vote:** Tampering with the process of any college recognized student organization, election or vote.

18. **Group or Organization Conduct:** Students who are members of a college recognized student organization or group and commit a violation of SCOC may be accountable both as an individual and as a member of the student organization.

19. **Abuse of the Student Disciplinary and/or Grievance Procedure:** Abuse of the Student Disciplinary and/or Grievance Procedure includes, but is not limited to the following:

   - Disruption or interference with the orderly conduct of the student disciplinary / grievance procedure.

   - Falsification, distortion, or misrepresentation, or knowingly pursuing malicious, frivolous, or fraudulent charges.

   - Attempting to discourage an individual's proper participation in, or use of, the student disciplinary / grievance procedure.

   - Attempting to influence the impartiality of a participant and/or the student disciplinary / grievance procedure.

   - Harassment (verbal or physical) and/or intimidation of a participant in the student disciplinary / grievance procedure.

   - Failure to comply with directives and/or sanctions imposed under student disciplinary / grievance procedure.

   - Influencing or attempting to influence another person to commit an abuse of the student disciplinary / grievance procedure.

   - Engaging in retaliatory acts in any form against any person or person(s) involved in the student disciplinary / grievance procedure

20. **Unauthorized Entry into College Events:** Entering or attempting to enter any college-sponsored activity without proper credentials for admission.

Please note: In most circumstances, the college will treat attempts to commit code of conduct violations as if those attempts had been completed.

Violations of the above may result in, but are not limited to fines, restitution, community service, and/or disciplinary procedures.

Definitions

Code of Conduct: A document developed and published by each college which defines prescribed conduct of students.

Chief Student Affairs Officer (CSAO):   The individual designated by the college president to administer student affairs and be responsible for administering the College's Student Conduct Code and this procedure. The CSAO may delegate student discipline to another individual (designee).

Title IX Coordinator(s) and Title VI and VII Coordinator(s) (EO Coordinator) is the employee(s) designated by the college president to oversee all civil rights complaints.

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 emailing the student to their official college email address requesting a delivery receipt notification.   If notice is mailed, student shall be given three (3) additional days to respond.

Day: Refers to calendar day unless otherwise noted below.

Sanctions: One or more of the following may be imposed when there is a finding that a student has violated the College's Code of Conduct.

1. Warning: A Notice served upon the student advising him/her that he/she is violating or has violated College regulations.

2. Probation: After a finding of violation of the Code of Conduct, restriction of student's privileges for a designated period of time including the probability of more severe disciplinary sanctions if the student is found to be violating any College regulations during the probationary period.

3. Other disciplinary sanction: fines, restitution, denial of privileges, assignment to perform services for the benefit of the college or community; or other sanction that doesn't result in the student being denied the right of attending classes.

4. College suspension or expulsion: An involuntary separation of the student from the College for misconduct not based on academic performance for a specified period of time.

   - Suspension is a separation that shall not exceed three academic terms per suspension for any singular offense or situation.   While a student is suspended, he or she is not eligible for admission or re-admission at any of the community colleges within CCCS.   Once the suspension is lifted the student is eligible for admission or re-admission.

   - Examples of suspension include, but are not limited to the following: the college, a department or program, a class, residence hall, use of a college facility or an activity.

   - Students may be suspended from one class period by the responsible faculty member or adjunct instructor.   Longer suspensions can only be implemented by the CSAO or designee in accordance with this procedure.

   - Expulsion is an indefinite separation from the college.   The student is not eligible for admission or re-admission at any of the community colleges within CCCS. In exceptional cases where a student wants to be considered for admission or re-admission after an expulsion has been implemented, the student bears the burden to prove the behavior that resulted in the expulsion has been resolved. It is within the college's discretion to admit or deny the student.

5. Interim Suspension: An immediate action taken by the CSAO to ensure the safety and well-being of members of the college community; preservation of college property; or if the student poses a definite threat of disruption or interference to others or the normal operations of the college.   In the event of an interim suspension, the hearing before the CSAO or designee shall occur as soon as possible following the interim suspension. If the college issues a permanent sanction, the student shall be afforded appeal rights as discussed below.   If the college does not implement a permanent sanction, the interim suspension will be removed from the student's record.

Procedures

Decision

The CSAO or designee shall receive all allegations of student misconduct and investigate the complaints, which includes meeting with the student to give him/her the opportunity to respond to the allegations of misconduct.   If the allegations of misconduct are discrimination and/or harassment based on federal or state civil rights laws, the college will investigate those incidents through the Civil Rights Grievance and Investigation Process, System President's Procedure (SP) 4-31a.

Once the investigation is complete, either through this process or the Civil Rights Grievance and Investigation process, the CSAO or designee shall render a sanction decision.

The CSAO or designee may decide that the charges can be disposed of administratively by mutual consent of the parties involved on a basis acceptable to them.   If an administrative resolution is not achieved, the CSAO or designee shall issue a decision which determines whether the alleged conduct occurred; whether the conduct violated the Code of Conduct or College procedures; and impose a sanction(s) if appropriate. The student shall receive written notice of the decision and be advised of his/her right to appeal the Decision, subject to the grounds below, by filing a written appeal with the CSAO or designee within seven (7) days of service of the Decision.

Appeal

In the event of an appeal, the CSAO or designee shall give written notice to the other party (e.g., if the accused student appeals, the appeal is shared with the complainant who may also wish to file a response), and then the CSAO or designee will 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 and sanction 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.   Because the original finding and sanction are presumed to have been decided reasonably and appropriately, the party appealing the decision must specifically cite the error(s) in the original determination on which the appeal is based.   The ONLY grounds for appeal are as follows:

1. A material procedural or substantive error occurred that significantly impacted the outcome of the hearing (e.g. substantiated bias, material deviation from established procedures); which must be explained in the written appeal; or

2. To consider new evidence, unavailable during the investigation or hearing that could substantially impact the original finding or sanction. A summary of this new evidence and its potential impact must be included in the written appeal, as well as the reasons the new evidence was not available during the original proceeding.

If the appeals officer or committee determines that a material procedural or substantive error occurred, it may return the complaint to the CSAO or designee with instructions to reconvene to cure the error.   In rare cases, where the procedural or substantive error cannot be cured by the CSAO or designee 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 or designee.   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.

If the appeals officer or committee determines that new evidence should be considered, it will return the complaint to the CSAO or designee to reconsider in light of the new evidence, only.   If the subject matter pertains to discrimination and/or harassment pursuant to SP 4-31a, the appeals officer or committee will return the complaint to the Title IX/EO Coordinator to reconsider in light of the new evidence, only.   The reconsideration of the CSAO, designee, or Title IX/EO Coordinator is not appealable.

The procedures governing the hearing of appeals include the following:

- All parties should be timely informed of the status of   requests for appeal, the status of the appeal consideration, and the results of the appeal decision;

- If the appeals officer or committee determines there is new evidence or error in the original proceeding, every oppor-

tunity to return the appeal to the CSAO or designee for reconsideration (remand) should be pursued;

- Appeals are not intended to be full rehearings of the complaint (de novo).   In most cases, appeals are confined to a review of the written documentation or record of the original hearing, and pertinent documentation regarding the grounds for appeal;

- An appeal is not an opportunity for an appeals officer or committee to substitute their judgment for that of the CSAO or designee merely because they disagree with its finding and/or sanctions.

- Appeals decisions are to be deferential to the original decision, making changes to the findings only where there is clear error and a compelling justification to do so.

- Sanctions imposed are implemented immediately unless the CSAO or designee stays their implementation in extraordinary circumstances, pending the outcome of the appeal.

- The appeals officer or committee will render a written decision on the appeal to all parties within four (4) days from receiving the appeal request.   The committee's decision to deny appeal requests is final.

Special Discipline Process Provisions

- In the event that the student is under the age of eighteen or incapacitated, he or she may have an advisor present to assist him/her in presenting his/her 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 his/her 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 he/she would like the CSAO or designee 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 or designee.

- If student has a disability and would like to request an accommodation to assist him/her through the discipline process they may do so by informing the CSAO or designee. The CSAO or designee will then work with disability support services to accommodate the request.

- Jurisdiction-College disciplinary proceedings may be instituted against a student charged with violation of a law if the violation occurred at the College or college-sanctioned activities or was of such a nature to have an impact on the college and the violation is also a violation of the college's student code of conduct.

- Proceedings under this procedure may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus.

- Standard of proof-the college will use the preponderance of evidence standard in the disciplinary proceedings, meaning, the college will determine whether it is more likely than not a conduct code was violated.

- All sanctions imposed by the original decision maker will be in effect during the appeal.   A request may be made to the

CSAO or designee for special consideration in exigent circumstances, but the presumptive stance of the institution is that the sanctions will stand.   Graduation, study abroad, internships/externships/clinical placements, etc. do not in and of themselves constitute exigent circumstances, and students may not be able to participate in those activities during their appeal.   In cases where the appeal results in reinstatement to the institution or of privileges, all reasonable attempts will be made to restore the student to their prior status, recognizing that some opportunities lost may be irretrievable in the short term.

- The procedural rights afforded to students above may be waived by the student.

Retaliatory Acts

It is a violation of this procedure to engage in retaliatory acts against any employee or student who reports an incident(s) of code of conduct violations or any employee or student who testifies, assists or participates in the discipline proceeding, investigation or hearing relating to such allegation(s) of code of conduct violations.

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.

Academic Dishonesty

Academic dishonesty includes cheating, falsifying data, and plagiarizing. Cheating is the unauthorized use of assistance with intent to deceive an instructor or any other individual responsible for evaluating a student's work.

Plagiarism refers to the use of another person's work without giving proper credit to that person. A student must give proper credit through the use of appropriate citation format when (a) using or copying material from another person's work, e.g., words, phrases, sentences, or entire passages; (b) paraphrasing another person's work, i.e., borrowing but rewording that person's facts, opinions, or ideas; and (c) summarizing another's work, i.e., use of one's own words to condense longer passages into a sentence or two.

Consequences of Academic Dishonesty

When dishonesty is evident, the following minimum sanctions will be applied:

1. First offense: The student may receive an "F" or "Zero" as the grade for the assignment. The student's name will be added by Associate Vice President of Instruction to the college-wide academic dishonesty list.
2. Second offense anytime during the academic career: The student may receive an "F" for the course and may be expelled from the class or may be suspended from the college. The student's name will be added by the Dean to the college-wide academic dishonesty list.
3. Third offense anytime during the academic career: The student's name will be added by the Associate Vice President of Instruction to the college-wide academic dishonesty list (see above).   The student will receive an "F" for the course and may be expelled from the college.

Academic Appeals

The student should 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, and then, if necessary, with the instructor's department chair. If there still is no resolution, the student can appeal the grade by submitting a written statement to the Division Dean explaining the problem. The Dean will investigate and respond in writing within 15 days.

The student should initiate appeals regarding academic probation or suspension within 60 calendar days after the end of the semester in which the decision was rendered. To make an appeal, a student should contact the Vice President of Instruction and request a meeting to discuss the suspension or probation. The Vice President will investigate and respond in writing within 15 days.

The student should initiate appeals regarding completion of graduation requirements within 60 calendar days after the decision was rendered. To make an appeal, a student should contact the Division Dean in writing explaining the problem. The Dean will investigate and respond in writing with 15 days.

Student Grievance Procedure SP 4-31

Basis

This Student Grievance Procedure 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 procedure 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 hearing, 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 his/her right to appeal the decision, subject to the grounds below, by filing a written appeal with the CSAO within seven (7) days of service of the Decision.

In the event of an appeal, the CSAO shall give written notice to the other party to allow him/her 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, s/he may have an advisor present to assist him/her in presenting his/her 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 his/her 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 he/she 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 him/her 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.

Jurisdiction-College grievance proceedings may be instituted over incidences that occur or are related to College or college-sanctioned activities or was of such a nature to impact upon the college.

Proceedings under this procedure may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus.

Standard of proof- The college will use the preponderance of evidence standard in the grievance proceedings, meaning, the college will determine whether it is more likely than not the complainant was subjected to inequity as it applies to Board Policies, System President's Procedures, or College procedures.

The procedural rights afforded to students above may be waived by the student.

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.

Appeal of Appeal or Grievance Council Finding

The right to appeal the decision is available for a period of 15 days after notification of the decision. The request for an appeal must be submitted in writing to the college Vice President of Student Services. The decision of the Vice President is final.

Terms

- Complainant – One who files the complaint against the respondent.
- Days – Calendar days
- Disciplinary Action – Expulsion, probation, suspension, assignment of community services or other actions or conditions appropriate to the situation; these actions may be imposed through administrative hearing or appeals council.
- Finding – A decision as to whether it is more likely than not that a violation of the CCA Student Conduct Code occurred.
- Petitioner – One who files the grievance against the respondent.
- Probation – A status in which a student remains enrolled and in attendance, but under stated conditions.
- Respondent – One who responds to the request or complaint. In the case of student disciplinary matters, the student is the respondent.
- Student – Currently enrolled full-time or part-time student.
- Suspension – Dismissal of a student from the college or program for misconduct for a specified period of time. Suspension differs from expulsion because after the stated time period, the student is eligible for readmission.
- Warning – A status in which a student remains enrolled and in attendance, but is counseled to desist from specified undesirable course of action.

LIST OF DEGREES AND CERTIFICATES

The Community College of Aurora awards the following degrees and certificates:

Program Name	Degree
Associate of Arts Degrees	
Associate of Arts Degree Core	A.A.
Associate of Arts Degree in Anthropology	A.A.
Associate of Arts Degree in Business	A.A.
Associate of Arts Degree in Criminal Justice	A.A.
Associate of Arts Degree in Early Childhood Education	A.A.
Associate of Arts Degree in Economics	A.A.
Associate of Arts Degree in Elementary Education	A.A.
Associate of Arts Degree in History	A.A.
Associate of Arts Degree in Psychology	A.A.
Associate of Arts Degree in Political Science	A.A.
Associate of Arts Degree in Sociology	A.A.
Associate of Arts Degree in Spanish	A.A.
Associate of Science Degrees	
Associate of Science Degree Core	A.S.
Associate of Science Degree in Mathematics	A.S.
Associate of Science Degree in Psychology	A.S.
Associate of General Studies Degrees	
Associate of General Studies, Generalist	A.G.S.
Associate of General Studies Paralegal	A.G.S.
Associate of Applied Science Degrees	
Accounting	A.A.S.
Applied Technology	A.A.S.
Business Administration	A.A.S.
Business: HR	A.A.S.
Computer Information Systems	A.A.S.
Criminal Justice	A.A.S.
Early Childhood Education (ECE)	A.A.S.
Film Video Media: Acting for the Screen	A.A.S.
Film Video Media: Cinematography/Videography	A.A.S.
Film Video Media: Post-Production	A.A.S.
Film Video Media: Writing Directing	A.A.S.
Film Video Media: Writing Producing	A.A.S.
Film Video Media: Screenwriting	A.A.S.
Fine Art	A.A.S.
Fire Science Technology	A.A.S.
Fire Services Management	A.A.S.
Graphic Design	A.A.S.
Graphic Design - Emphasis in Web Design	A.A.S.
Illustration	A.A.S.
Illustration - Emphasis in Graphic Storytelling	A.A.S.
IT Tech and Support	A.A.S.
Management – Paralegal Emphasis	A.A.S.
Networking	A.A.S.
Office Systems Technology	A.A.S.
Paramedicine	A.A.S.
Paralegal	A.A.S.
Programming	A.A.S.
Certificates	
Art and New Media Design:	
Web Tools	Certificate
Art and Design Foundations	Certificate
Business:	
Full Charge Bookkeeping	Certificate
General Business	Certificate
Human Resource Management	Certificate
Individual Tax Preparation	Certificate
Managerial Accounting Emphasis	Certificate
Marketing	Certificate
Real Estate	Certificate
Computers:	
Basic Networking and Security	Certificate
CISCO	
IT Tech and Support	Certificate
Office Administration	Certificate
PC Applications Specialist	Certificate
Programming	Certificate
Web/Mobile App Development	Certificate
Criminal Justice:	
Basic Law Enforcement Training Academy	Certificate
Criminal Justice Community Policing	Certificate
Criminal Justice Law	Certificate
Criminal Justice Operations	Certificate
Criminal Justice Systems	Certificate
Homeland Security: Tactical Operations	Certificate
Early Childhood Education (ECE):	
ECE Director	Certificate
ECE Teacher Level I	Certificate
ECE Teacher Level II	Certificate
Emergency Medical Services:	
Emergency Medical Technician Basic	Certificate
Emergency Medical Technician Paramedicine	Certificate
Film Video Media:	
Film Video Media Core	Certificate
Acting for the Screen	Certificate
Cinematography / Videography	Certificate
Post-Production	Certificate
Writing Directing for Film and Video	Certificate
Writing Producing	Certificate
Writing for the Screen Emphasis	Certificate
Fire Science:	
Fire and Explosion Investigation	Certificate
Fire Science Technology	Certificate
Hazardous Materials	Certificate
Technical Rescue	Certificate
Paralegal	Certificate
Translation and Interpretation	Certificate
Trainer :	
Personal Fitness Trainer	Certificate

Certificates of Achievements

Communication	Certificate of Achievement
Global Perspectives and Multiculturalism	Certificate of Achievement
Language Achievement	Certificate of Achievement
Philosophy	Certificate of Achievement

Articulations:
Metropolitan State University

Computer Science	A.A.S.
Management with Paralegal Emphasis	A.A.S.

Pickens Technical College

Respiratory Therapy	A.A.S.

University of Colorado
Integrated Nursing Pathway   A.G.S.

Colorado School of Mines
Associate of Science (Engineering)   A.S.

CATALOG GUIDE

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:

Prefix

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

Prefix	Instructional Department or Division
AAA	Academic Achievement Strategies
ACC	Accounting
ANT	Anthropology
ART	Art
ASE	Auto Service Technology
ASL	American Sign Language
AST	Astronomy
BIO	Biology and Biotechnology
BTE	Business Technology
BUS	Business
CAD	Computer Assisted Drafting
CCR	College Composition and Reading
CHE	Chemistry
CHI	Chinese
COM	Communication
CIS	Computer Information Systems
CNG	Computer & Networking Technology
CRJ	Criminal Justice
CSC	Computer Science
CWB	Computer Web Based
DAN	Dance
DPM	Diesel Power Mechanics
ECE	Early Childhood Education
ECO	Economics
EDU	Education
EIC	Electricity Industrial/Commercial
EMP	Emergency Management & Planning
EMS	Emergency Medical Services
ENG	English
ENV	Environmental Science
ENY	Energy Technology
ESL	English as a Second Language
ETH	Ethnic Studies
FIN	Finance
FOR	Foreign Language
FRE	French
FST	Fire Science Technology

FVM	Film and Video Media
GEO	Geography
GER	German
GEY	Geology
HEB	Hebrew
HPR	Health Professional
HWE	Health Wellness
HIS	History
HUM	Humanities
ITA	Italian
JPN	Japanese
JRD	Jewelry Design
LIT	Literature
MAN	Management
MAR	Marketing
MAT	Math
MED	Mediation
MGD	Multimedia Graphic Design
MUS	Music
PAR	Paralegal
PED	Physical Education
PHI	Philosophy
PHO	Photography
PHY	Physics
POS	Political Science
PSM	Public Security Management
PSY	Psychology
REA	Reading
REE	Real Estate
RUS	Russian
SBM	Small Business Management
SCI	Science
SOC	Sociology
SPA	Spanish
THE	Theatre
TRI	Translation & Interpretation
WOL	World Languages
WST	Women's Studies

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 MAT 121 until MAT 099 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 MAT 135 without enrolling in MAT 179 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.

ASSOCIATE DEGREES AND CERTIFICATES

Guaranteed Transferability

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. Courses with an "S/U" grade will not be eligible for Guaranteed Transferability.   While a student is guaranteed not to have to complete more than 60 semester hours to graduate, 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.

This agreement does not apply to Engineering, Elementary Education, and Early Childhood degrees.   These specific majors have statewide articulation agreements that have specific lower division requirements.

Associate Degrees with Designations provide transfer pathways to Colorado state four-year colleges and universities in specified liberal arts and science designations.   The following designations are currently approved:

> Anthropology - Associate of Arts
> Business - Associate of Arts
> Economics - Associate of Arts
> History - Associate of Arts
> Mathematics - Associate of Science
> Political Science - Associate of Arts
> Psychology - Associate of Arts and Associate of Science
> Sociology - Associate of Arts
> Spanish - Associate of Arts

Many other   majors also require that students select specific courses from the gtPathways courses.   Students should contact a transfer 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.

The Transfer Policy of the Colorado Department of Higher Education is available at: http://highered.colorad.gov/Adademics/Transfers/Students.html.

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 Advising, CentreTech Campus, A102, or the Lowry Campus, West Quad, for specific information.

Statewide Guaranteed Transfer Courses

Colorado has identified 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.

gtPathways is a set of general education courses that the state guarantees to transfer. Receiving institutions shall apply guaranteed general education courses to a student's general education or major requirements. Approved courses in gtPathways are not based on course equivalencies but meet content and competency criteria.   gtPathways applies to all Colorado public colleges and universities. Up to 31 credits of previously and successfully (C or better) completed gtPathways coursework can transfer to any other Colorado public college or university. These courses will automatically transfer with you and continue to count toward your general education core or graduation requirements for any liberal arts or science, associate's or bachelor's degree. You should check with the school you wish to attend so you are clear about which credits will transfer beyond any that are guaranteed by gtPathways

More transfer information is available at the Colorado Commission of Higher Education website at http://highered.colorado.gov/Academics/Transfers/gtPathways/default.html

Communication

2 courses (6 credit hours, to include a 2 course sequence of 1 introductory course, followed by 1 intermediate course.)

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

Mathematics

1 course, or a series of 3 1-credit-hour courses (3 credit hours)

- (GT-MA1)

Arts & Humanities, History, & Social and Behavioral Sciences

(15 credit hours)

Arts and Humanities – 2 courses (minimum 3 credits each)

- 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 – 1 course (minimum 3 credits)

- (GT-HI1)

Social and Behavioral Sciences – 1 course (minimum 3 credits)

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

If necessary to reach a minimum of 15 credits, select 1 additional course (minimum 3 credits) in Arts and Humanities, History, or Social and Behavioral Sciences.

Natural and Physical Sciences

2 courses (7 credit hours)

Seven credits must include at least one SC1 course.

- Course with Required Laboratory (GT-SC1)

Includes:

- Courses that integrate a lecture and laboratory
- Separately transcripted laboratories that have an SC2 lecture course as a prerequisite or co-requisite
- Lecture Course Without Required Laboratory (GT-SC2)

Guarantee Transfer Courses

Prefix/Number	Title
AGE 102	Agricultural Economics
AGY 240	Introduction to Soil Science, with Lab
ANT 101	Cultural Anthropology
ANT 102	Cultural Anthropology Lab
ANT 103	Archaeology Lab
ANT 104	Physical Anthropology Lab
ANT 107	Introduction to Archaeology
ANT 108	Archaeology of World Rock Art
ANT 111	Physical Anthropology
ANT 201	Introduction to Forensic Anthropology
ANT 215	Indians of North America
ANT 250	Medical Anthropology
AGR 260	World Independence: Population and Food
ART 110	Art Appreciation
ART 111	Art History - Ancient to Medieval
ART 112	Art History - Renaissance to Modern
ART 207	Art History, 1900 - Present
AST 101	Astronomy I with Lab
AST 102	Astronomy II with Lab
BIO 103	Principles of Animal Biology
BIO 105	Science of Biology with Lab
BIO 111	General College Science Biology I with Lab
BIO 112	General College Science Biology II with Lab
BIO 116	Introduction to Human Disease
BIO 201	Human Anatomy & Physiology I with Lab
BIO 202	Human Anatomy & Physiology II with Lab
BIO 204	Microbiology with Lab
BIO 208	General College Microbiology with Lab
BIO 220	General Zoology with Lab
BIO 221	Botany with Lab
CHE 101	Introduction to College Chemistry I with Lab
CHE 102	Introduction to College Chemistry II with Lab
CHE 105	Chemistry in Context with Lab
CHE 111	General College Chemistry I with Lab
CHE 112	General College Chemistry II with Lab
COM 220	Intercultural Communication
DAN 125	History of Dance
ECO 101	Economics of Social Issues
ECO 201	Principles of Macroeconomics
ECO 202	Principles of Microeconomics
ECO 211	Gender in the Economy
ECO 245	Environmental Economics
ENG 121	English Composition I
ENG 122	English Composition II
ENG 201	Composition III: Writing for Public Discourse
ENV 101	Introduction to Environmental Science with Lab
ENV 110	Natural Disasters
ETH 200	Introduction to Ethnic Studies
FRE 211	French III
FRE 212	French IV
GEO 105	World Regional Geography
GEO 106	Human Geography
GEO 111	Physical Geography – Landforms with Lab
GEO 112	Physical Geography - Weather and Climate with Lab
GER 211	German III
GER 212	German IV
GEY 108	Geology of U.S. National Parks

Prefix/Number	Title
GEY 111	Physical Geology, with Lab
GEY 112	Historical Geology, with Lab
GEY 135	Environmental Geology, with Lab
HIS 101	Western Civilization: Antiquity - 1650
HIS 102	Western Civilization: 1650 - Present
HIS 111	The World: Antiquity - 1500
HIS 112	The World: 1500 - Present
HIS 121	U.S. History to Reconstruction
HIS 122	U.S. History Since the Civil War
HIS 205	Women in World History
HIS 207	American Environmental History
HIS 208	American Indian History
HIS 215	Women in U.S. History
HIS 225	Colorado History
HIS 236	U.S. History Since 1945
HIS 243	History of Modern China
HIS 244	History of Latin America
HIS 245	U.S. In the World
HIS 247	20th Century World History
HIS 249	History of Islamic Civilization
HIS 250	African American History
HIS 255	The Middle Ages
HIS 260	U.S. Foreign Relations History
HIS 265	Writing About History
HUM 115	World Mythology
HUM 121	Humanities: Early Civilization
HUM 122	Humanities: Medieval – Modern
HUM 123	Humanities: Modern World
ITA 211	Italian Language III
ITA 212	Italian Language IV
JOU 105	Introduction to Mass Media
JPN 211	Japanese III
JPN 212	Japanese IV
LIT 115	Introduction to Literature
LIT 201	World Literature to 1600
LIT 202	World Literature after 1600
LIT 205	Ethnic Literature
LIT 211	American Literature to Civil War
LIT 212	American Literature after the Civil War
LIT 221	British Literature to 1770
LIT 222	British Literature since 1770
LIT 225	Introduction to Shakespeare
LIT 259	Survey of African American Literature
LIT 268	Celtic Literature
MAT 120	Math for Liberal Arts
MAT 121	College Algebra
MAT 122	College Trigonometry
MAT 123	Finite Mathematics
MAT 125	Survey of Calculus
MAT 135	Introduction to Statistics
MAT 166	Pre-Calculus
MAT 201	Calculus I
MAT 202	Calculus II
MAT 203	Calculus III
MAT 204	Calculus III with Engineering Applications
MAT 215	Discrete Mathematics
MAT 261	Differential Equations with Engineering Applications
MAT 265	Differential Equations
MET 150	General Meteorology, with Lab
MUS 120	Music Appreciation
MUS 121	Music History I
MUS 122	Music History II
MUS 123	Survey of World Music
MUS 125	History of Jazz
NRE 251	General Oceanography I, with Lab
PHI 111	Introduction to Philosophy
PHI 112	Ethics
PHI 113	Logic

PHI 114	Comparative Religions
PHI 115	World Religions West
PHI 116	World Religions East
PHI 214	Philosophy of Religions
PHI 218	Environmental Ethics
PHI 220	Philosophy of Death and Dying
PHY 105	Conceptual Physics, with Lab
PHY 107	Energy Science and Technology, with Lab
PHY 111	Physics: Algebra-Based I with Lab
PHY 112	Physics: Algebra-Based II with Lab
PHY 211	Physics: Calculus-Based I with Lab
PHY 212	Physics: Calculus-Based II with Lab
POS 105	Introduction to Political Science
POS 111	American Government
POS 125	American State and Local Government
POS 205	International Relations
POS 215	Current Political Issues
POS 225	Comparative Government
PSY 101	General Psychology I
PSY 102	General Psychology II
PSY 205	Psychology of Gender
PSY 217	Human Sexuality
PSY 226	Social Psychology
PSY 227	Psychology of Death and Dying
PSY 235	Human Growth & Development
PSY 238	Child Development
PSY 240	Health Psychology
PSY 249	Abnormal Psychology
PSY 265	Psychology of Personality
RUS 211	Russian III
RUS 212	Russian IV
SCI 105	Science in Society
SCI 155	Integrated Science I - Physics and Chemistry, with Lab
SCI 156	Integrated Science II - Earth and Life Science, with Lab
SOC 101	Introduction to Sociology I
SOC 102	Introduction to Sociology II
SOC 205	Sociology of Family Dynamics
SOC 207	Environmental Sociology
SOC 215	Contemporary Social Problems
SOC 216	Sociology of Gender
SOC 218	Sociology of Diversity
SOC 220	Sociology of Religion
SOC 231	The Sociology of Deviant Behavior
SOC 237	Sociology of Death and Dying
SPA 211	Spanish III
SPA 212	Spanish IV
THE 105	Theatre Appreciation
THE 108	Theater Script Analysis
THE 211	Development of Theatre I
THE 212	Development of Theatre II
THE 215	Playwriting
WST 200	Introduction to Women's Studies
WST 225	Women and Social Action
WST 240	Goddesses and Women of the Ancient World
WST 249	Women's Sexuality

ASSOCIATE OF ARTS DEGREES   (A.A.)

Degrees Offered

Associate of Arts Degree Core

Associate of Arts Degree: 60 credits
General Education Requirements: 37 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

English – take both courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways approved CO3 Course		3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication	3
	OR	
COM 220	Intercultural Communication	3

Mathematics

(3 credits – MA1)

Select one course Credits over 3 will be applied to electives

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4
MAT 121	College Algebra	4
MAT 122	College Trigonometry	3
MAT 123	Finite Math	4
MAT 125	Survey of Calculus	4
MAT 135	Introduction to Statistics	3
MAT 166	Pre-Calculus	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203	Calculus III	4
MAT 215	Discrete Math	4
MAT 261	Differential Equations with Engineering Applications	4
MAT 265	Differential Equations	3

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-AH2, GT-AH3, GT-AH4, GT-HI1, GT-SS1, GT-SS2, GT-SS3) and one additional guaranteed transfer History course (GT-HI1). Total of 18 credit hours for both Arts and Humanities and Social and Behavioral Sciences combined.

Arts and Humanities

(6-9 Credits)

Select 2-3 courses from at least 2 different areas (GT-AH1, GT-AH2, GT-AH3, or GT-AH4)

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3

PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Social and Behavioral Sciences

(9-12 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)

Select 1 History course and 2-3 additional courses from two different areas.

Course #	Course Title	Credits

Category I (GT-HI1)

HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Category II (GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3

Category III (GT-SS2)

GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4

Category IV (GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses & Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(7 credits)

2 guaranteed transfer natural and Physical Sciences courses including at least one lab course (GT-SC1, GT-SC2)

Category I (GT-SC1)

Course #	Course Title	Credits
AGY 240	Introduction to Soil Science	4
AST 101	Astronomy I	4
AST 102	Astronomy II	4
BIO 105	Science of Biology	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology	4
BIO 208	General College Microbiology	5
BIO 220	Zoology	5
BIO 221	Botany	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Contest	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science	5
GEY 111	Physical Geology	4
GEY 112	Historical Geology	4
GEY 135	Environmental Geology	4

MET 150	General Meteorology	4
NRE 251	General Oceanography I	4
PHY 105	Conceptual Physics	4
PHY 107	Energy Science and Technology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I	4
SCI 156	Integrated Science II	4

Category II (GT-SC2)

BIO 103	Principals of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

General Education Credits **37**

Associate of Arts Electives: 23 credits

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

Accounting: ACC 121, 122, 135
Anthropology: ANT 275 (Study Abroad)
Art: ART 121, 128, 131, 132, 134, 139, 150, 151, 161, 221
American Sign Language: ASL 121, 122
Biology: BIO 160, 268, 269
Business: BUS 115, 216, 217, 226
Chemistry: CHE 211, 212
Chinese: CHI 111, 112
Communications: COM 115, 125, 220
Computer Information Systems: CIS 115, 118, 267
Computer Networking: CNG 101, 130
Computer Science: CSC 119
Criminal Justice: CRJ 110
Dance: DAN 105
Economics: ECO 201, 202
English: ENG 221, 222
French: FRE 111, 112
German: GER 111, 112
Health Wellness: HWE 100
Japanese: JPN 111, 112
Jewelry Design: JRD 215
Management: MAN 156, 200, 201, 212, 225, 226
Marketing: MAR 216, 240
Multimedia Graphic Design: MGD 102, 106
Music: MUS 100, 110,
Russian: RUS 111, 112
Spanish: SPA   111, 112, 261, 262, 235
Theatre: THE 106, 111, 112, 115, 116, 126, 131, 132, 204, 213, 214

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.

Total General Education Credits	**37**
Total Elective Credits	**23**
A.A. Degree Total Required Credits	**60**

NOTE: Senate Bill 10-088 (Two-Year College Degree Designations) authorized Colorado community colleges to offer two-year degree programs with academic designations. CCCS agreed to restrict two-year degree designations to only those programs for which valid statewide articulation agreements exist.

In collaboration with the four-year public institutions and the Department, the Colorado Community College System has designed and implemented 15 associate degrees with designations, thus allowing seamless transfer within the majors identified by the designations to any Colorado public four-year institution that offers a comparable baccalaureate degree program in the major field. The CCCS offers degrees with designations in the following areas:

- Agriculture Business (Approved: 4/5/13; Effective: Fall 2013)
- Animal Science (Approved: 4/5/13; Effective: Fall 2013)
- Anthropology (8/1/2012)
- Business (4/1/2011)
- Criminal Justice (1/22/2013)
- Economics (4/1/2011)
- French (8/1/2012)
- History (4/1/2011)
- Mathematics (4/1/2011)
- Political Science (8/1/2012)
- Psychology-BA (4/1/2011)
- Psychology-BS (4/1/2011)
- Sociology (8/1/2012)
- Soil & Crop Sciences (Approved: 4/5/13; Effective: Fall 2013)
- Spanish (4/1/2011)

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.

Associate of Arts Degree in Anthropology

Associate of Arts in Anthropology Degree Requirements: 60 credits
General Education Requirements: 36 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

English – take 2 courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways	approved CO3 Course	3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3
	OR	
COM 220	Intercultural Communication	3

Mathematics

(4 credits – MA1)

Course #	Course Title	Credits

MAT 121	College Algebra	4

Arts and Humanities

(6 credits- AH1, AH2, AH3, AH4)

Select 2 courses

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	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

Course #	Course Title	Credits
Category I (GT-HI1)		
HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. in the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 courses.

Course #	Course Title	Credits
Category II (GT-SS1)		
AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3
Category III (GT-SS2)		
GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4
Category IV (GT-SS3)		
ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
ETH 200	Introduction of Ethnic Studies	3

Course #	Course Title	Credits
COM 220	Intercultural Communication	3
JOU 105	Introduction to Mass Media	
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 215	Contemporary Social Problems	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Perspectives on Women & Social Change	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(8 Credits – GT-SC1)

Select 2 courses

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	4
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology with Lab	4
MET 150	General Meteorology with Lab	4
NRE 251	General Oceanography I with Lab	4
PHY 105	Conceptual Physics with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

General Education Credits		**36**

Additional Required Courses: 18 credits

Course #	Course Title	Credits
One gtPathways Arts and Humanities Course (GT-AH1, GT-AH2, GT-AH3, GT-AH4)		3
ANT 101	Cultural Anthropology	3
ANT 107	Introduction to Archaeology	3
ANT 111**1	Physical Anthropology	3
One gtPathways **ANT** course in Social and Behavioral Sciences (GT-SS3)		3
One gtPathways Social and Behavioral Sciences course (must be GT-SS2 or GT-SS3)		3
Additional Required Credits		**18**
Electives		**6**
Total General Education Credits		**36**
Total Additional Required Course Credits		**18**
Total Electives		**6**
A.A. Degree, Anthropology, Total Required Credits		**60**

Please Note: Additional ANT courses beyond the four courses (12 credit hours) identified above may not count toward the Anthropology major at the receiving four-year institution. See explanation in Limitations section.

**1Some receiving institutions require a lab attached to this course (ANT 111 - Physical Anthropology); please consult with the receiving institution.

Associate of Arts Degree in Business

Associate of Arts in Business Degree Requirements: 60 credits
General Education Requirements: 40 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(8 credits – GT-MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4
	OR	
MAT 123	Finite Mathematics	4
MAT 125	Survey of Calculus	4
	OR	
	Higher Level of Calculus	4-5

Natural and Physical Sciences

(8 credits - GT-SC1, GT-SC2)
Select 2 courses

(GT-SC1)

Course #	Course Title	Credits
AGY 240	Introduction to Soil Science	4
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4

BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Biology with Lab	
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context with Lab	
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II w/ Lab	5
ENV 101	Introduction to Environmental Science	4
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology with Lab	4
MET 150	General Meteorology with Lab	4
NRE 251	General Oceanography I with Lab	4
PHY 105	Conceptual Physics with Lab	4
PHY 107	Energy Science and Technology with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

(GT-SC2)

BIO 103	Principles of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

Social and Behavioral Sciences

(9 credits – GT-HI1, GT-SS2)

Course #	Course Title	Credits

Category I (GT-HI1)
Select 1 History course

HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Category II (GT-SS1)
Take both Economic Courses

ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Arts and Humanities

(6 credits - GT-AH1, GT-AH2, GT-AH3, GT-AH4)
Select 2 courses from any one of the following categories:

Course #	Course Title	Credits

Category I (GT-AH1)

ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Category II (GT-AH2)

HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

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

Total General Education Credits 40

Business Requirements: 20 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
ACC 122	Principles of Accounting II	4
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business I	3
BUS 217	Business Communication and Report Writing	3
BUS 226	Business Statistics	3

Total General Education Requirements		**40**
Total Business Credits		**20**
A.A. Degree, Business, Total Required Credits		**60**

Associate of Arts Degree in Criminal Justice

+Associate of Arts in Criminal Justice Degree Requirements: 60 credits
General Education Requirements: 33 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition	3
	AND	
One gtPathways approved CO3 course		3

Mathematics

(4 credits – GT-MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Natural and Physical Sciences

(8 credits - GT-SC1, GT-SC2)
Two gtPathways Natural & Physical Sciences courses (GT-SC1 or GT-SC2).   One course must be lab-based (GT-SC1).

(GT-SC1)

Course #	Course Title	Credits
AGY 240	Introductory Soil Science with Lab	4
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Biology with Lab	
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context, with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II w/ Lab	5
ENV 101	Introduction to Environmental Science with Lab	4
GEY 111	Physical Geology, with Lab	4
GEY 112	Historical Geology, with Lab	4
GEY 135	Environmental Geology, with Lab	4
MET 150	General Meteorology, with Lab	4
NRE 251	General Oceanography I, with Lab	4
PHY 105	Conceptual Physics, with Lab	4
PHY 107	Energy Science and Technology, with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I - Physics and Chemistry, with Lab	4
SCI 156	Integrated Science II - Earth and Life Science, with Lab	4

(GT-SC2)

Course #	Course Title	Credits
BIO 103	Principle of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

Social and Behavioral Sciences

(6 credits – GT-SS3)

Course #	Course Title	Credits
SOC 101	Introduction to Sociology I	3
And one gtPathways Social and Behavioral Sciences Course (GT-SS3)		3
SOC 101	Introduction to Sociology I	
SOC 102	Introduction to Sociology II	
SOC 205	Sociology of Family Dynamics	
SOC 207	Environmental Sociology	
SOC 215	Contemporary Social Problems	
SOC 216	Sociology of Gender	
SOC 218	Sociology of Diversity	
SOC 220	Sociology of Religion	
SOC 231	The Sociology of Deviant Behavior	
SOC 237	Sociology of Death and Dying	

History

(3 credits - GT-HI1)
Select 1 History course

Course #	Course Title	Credits
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3

HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Arts and Humanities

(6 credits - GT-AH1, GT-AH2, GT-AH3, GT-AH4)
Select 2 gtPathways courses from two different categories
(GT-AH1, GT-AH2, GT-AH3, GT-AH4).

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

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

Total General Education Credits   33

Additional Required Courses: 27 credits

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication	3
CRJ 110	Introduction to Criminal Justice System	3
CRJ 125	Policing Systems	3
CRJ 145	Correctional Process	3
Choose two (2) courses from the following:		6
CRJ 127	Crime Scene Investigation	
CRJ 135	Judicial Functions	
CRJ 205	Principles of Criminal Law	
CRJ 209	Criminal Investigation I	
CRJ 230	Criminology	
CRJ 231	Introduction to Forensic Science and Criminalistics	
CRJ 235	Delinquent Behavior	
CRJ 236	Criminal Justice Research Methods	
CRJ 257	Victimology	
CRJ 268	Criminal Profiling	
Choose three (3) courses from the following:		9
ANT 201	Introduction to Forensic Anthropology	
CNG 258	Computer Forensics	
COM 217	Group Communication	
COM 225	Organizational Communications	
POS 111	American Government	
POS 125	American State and Local Government	
PSY 207	Introduction to Forensic Psychology	
PSY 217	Human Sexuality	
PSY 226	Social Psychology	
PSY 249	Abnormal Psychology	
SOC 231	Sociology of Deviant Behavior	

Total General Education Requirements	**33**
Additional Required Courses	**27**
A.A. Degree, Criminal Justice, Total Required Credits	**60**

Associate of Arts Degree in Early Childhood Education

Statewide Early Childhood Education Transfer Agreement

A Colorado community college student who is planning to become an early childhood educator will sign a graduation plan at the community college that identifies the first 54 hours guaranteed to transfer to all teacher education programs at the following Colorado public four-year colleges: Adams State College, Colorado State University (Human Development), Fort Lewis College, Colorado Mesa University, Metropolitan State College of Denver (Human Development), University of Northern Colorado (Interdisciplinary Studies). This program is designed for students who want to teach through 3rd grade with state certification, or through age 4 without certification.

Associate of Arts Degree Requirements: 60 credits
General Education Requirements 35 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(6 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	3
	OR	
MAT 121	College Algebra	3
	AND	
MAT 135	Introduction to Statistics	3
	OR	
MAT 155	Integrated Math I	3
	AND	
MAT 156	Integrated Math II	3

Arts and Humanities

(6 credits)

Select two courses

Course #	Course Title	Credits
ART 110	Art Appreciation	3
MUS 120	Music Appreciation	3
LIT 115	Introduction to Literature	3
LIT 255	Children's Literature	3

Social and Behavioral Sciences

(9 credits)

Course #	Course Title	Credits
HIS 121	US History I	3
POS 111	American Government	3
GEO 105	World Regional Geography	3

Natural and Physical Sciences

(8 Credits)

Course #	Course Title	Credits
SCI 155	Integrated Science I – Physics and Chemistry	4
SCI 156	Integrated Science II – Earth and Life Science	4
General Education Credits		**35**

Early Childhood Education Requirements: 19 credits

Course #	Course Title	Credits
ECE 101	Introduction to Early Childhood Education	3
ECE 102	Introduction to Early Childhood Lab	3
ECE 205	Nutrition, Health & Safety	3
ECE 241	Human Relations for Child Development	3
COM 115	Public Speaking (grade B or higher)	3
ECE 238	Child Growth and Development	3
ECE 188	Practicum	1
	OR	
ECE 209	Observing Young Children	1
	OR	

ECE 236	Child Growth/Development Lab	1
Early Childhood Education Required Credits		**19**

Electives (Determined by transfer institution. Please contact transfer institution early in the program.)		**6**
Total General Education Credits		**35**
Total Early Childhood Education Credits		**25**
A.A. Degree, Early Childhood Education, Total Required Credits		**60**

Associate of Arts in Economics

Associate of Arts in Economics Degree Requirements: 60 credits
General Education Requirements: 37 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits – GT-MA1)

Course #	Course Title	Credits
MAT 201	Calculus I	5

Arts and Humanities

(9 credits)

Course #	Course Title	Credits
PHI 112	Ethics	3

Select two gtPathways Arts & Humanities courses (GT-AH1, HGT-AH2, GT-AH3, GT-AH4) from the following:

Category I (GT-AH1)

ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Category II (GT-AH2)

HUM 115	World Mythology	3
HUM 121	Survey of Humanities I: Early Civilizations	3
HUM 122	Survey of Humanities II: Medieval to Modern Civilizations	3
HUM 123	Survey of Humanities III: The Modern World	3
LIT 115	Introduction to Literature	3

LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature since 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

History

(3 credits - GT-HI1)
HIS 247 20th Century World History recommended

Course #	Course Title	Credits
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History (Recommended)	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Social and Behavioral Sciences

(6 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Natural and Physical Sciences

(8 credits - GT-SC1, GT-SC2)
Select 2 courses

(GT-SC1)

Course #	Course Title	Credits
AGY 240	Introduction to Soil Science	4
AST 101	Astronomy I	4
AST 102	Astronomy II	4
BIO 105	Science of Biology	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology	4
BIO 208	General College Microbiology	5
BIO 220	General Zoology	5
BIO 221	Botany	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II w/ Lab	5
ENV 101	Introduction to Environmental Science	5
GEY 111	Physical Geology	4
GEY 112	Historical Geology	4
GEY 135	Environmental Geology	4
MET 150	General Meteorology	4
NRE 251	General Oceanography I	4
PHY 105	Conceptual Physics	4
PHY 107	Energy Science and Technology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 105	Science in Society	3
SCI 155	Integrated Science I	4
SCI 156	Integrated Science II	4

(GT-SC2)

Course #	Course Title	Credits
BIO 103	Principles of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

Additional Required Courses: 3 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
MAT 135	Introduction to Statistics	3
PSY 101	General Psychology I	3

Electives: 20 credits

Choose any gtPathways courses.

Total General Education Requirements	37
Additional Required Courses	3
Total Elective Requirements	20
A.A. Degree, Business, Total Required Credits	60

Associate of Arts Degree in Elementary Education

Statewide Elementary Education Transfer Agreement

A community college student who is planning to become an Elementary Education Teacher will sign a graduation plan at the community college that identifies the first 41 credit hours guaranteed to transfer to particular teacher education programs offered by Colorado public institutions of higher education. The courses are listed below.

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.

This agreement is between the Colorado Public Community/Junior Colleges and Adams State College, Colorado State University at Pueblo, Fort Lewis College, Colorado Mesa University, Metropolitan State College of Denver, University of Colorado at Boulder, University of Colorado at Colorado Springs, University of Colorado at Denver, University of Northern Colorado, and Western State College.

Associate of Arts Degree Requirements: 60 credits
General Education Requirements: 35 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

Must complete ENG 121 with a B or better

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(6 credits)

Course #	Course Title	Credits
MAT 155	Integrated Math I	3
MAT 156	Integrated Math II	3

Natural and Physical Science

(8 Credits – GT-SC1)

Course #	Course Title	Credits
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

Social and Behavioral Sciences

(9 Credits)

Course #	Course Title	Credits
GEO 105	World Regional Geography	3
HIS 121	US History I	3
POS 111	American Government	3

Humanities

(3 Credits – AH2)
Choose one course

Course #	Course Title	Credits
LIT 115	Introduction to Literature	3

LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 211	American Literature to Civil War	3
LIT 221	British Literature to 1700	3

Education Requirements: 6 credits

Education

(6 credits)

Course #	Course Title	Credits
EDU 221	Introduction to Education	3
PSY 238	Child Development	3

Total CCA Education Requirement Credits	**35**
Education Requirement Credits	**6**
Total Elective Credits Based on Transfer Institution *(Consult an advisor at the transfer institution to determine appropriate electives.)*	**19**
A.A. Degree in Elementary Education, Total Required Credits	**60**

Associate of Arts Degree in History

Associate of Arts in History Degree Requirements: 60 credits
General Education Requirements: 37 credits

English and Communication

(9 credits – GT-CO1, GT-CO2, GT-CO3)

English – take both courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways	approved CO3 Course	3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(3 credits – MA1)

Select one course

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4
MAT 121	College Algebra	4
MAT 122	College Trigonometry	3
MAT 123	Finite Math	4
MAT 125	Survey of Calculus	4
MAT 135	Introduction to Statistics	3
MAT 166	Pre-Calculus	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203	Calculus III	4
MAT 215	Discrete Math	4
MAT 261	Differential Equations with Engineering Applications	4
MAT 265	Differential Equations	3

Arts and Humanities

(9 credits, AH1. AH2, AH3, AH4)
Select 3 courses no more than two (2) from any one category

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3

Category IV (GT-AH4)
Students planning to transfer to Colorado State University Ft. Collins are advised to complete at least two semesters of one college level foreign language.

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

*History
Students planning to transfer to University of Colorado Boulder must take either HIS 101 or HIS 102 to fulfill this requirement.

(3 credits - GT-HI1)

Course #	Course Title	Credits
HIS 101	Western Civilization: Antiquity - 1650	3
	OR	
HIS 111	The World: Antiquity - 1500	3

Other Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)
Select 2 courses.

Course #	Course Title	Credits
Category II (GT-SS1)		
AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3
Category III (GT-SS2)		
GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
Category IV (GT-SS3)		
ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3

WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(7 Credits – GT-SC1, GT-SC2)
Select 2 courses.

(GT-SC1)

Course #	Course Title	Credits
AGY 240	Introductory Soil Science with Lab	4
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 103	Principles of Animal Biology	3
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context, with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	5
GEO 111	Physical Geography - Landforms with Lab	4
GEO 112	Physical Geography - Weather and Climate with Lab	4
GEY 111	Physical Geology, with Lab	4
GEY 112	Historical Geology, with Lab	4
GEY 135	Environmental Geology, with Lab	4
MET 150	General Meteorology, with Lab	4
NRE 251	General Oceanography I, with Lab	4
PHY 105	Conceptual Physics, with Lab	4
PHY 107	Energy Science and Technology, with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I - Physics and Chemistry, with Lab	4
SCI 156	Integrated Science II - Earth and Life Science, with Lab	4

(GT-SC2)

Course #	Course Title	Credits
BIO 103	Principles of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

General Education Credits	**37**

Additional Required History Courses: 12 credits

Course #	Course Title	Credits
HIS 102	Western Civilization: 1650 - Present (GT-HI1)	3
	OR	
HIS 112	The World: 1500-Present (GT-HI1)	3
HIS 121	U.S. History to Reconstruction (GT-HI1)	3
HIS 122	U.S. History since the Civil War (GT-HI1)	3
	AND	
One additional gtPathways History course (GT-HI1)		
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Associate of Arts Electives: 11 credits

Choose any gtPathways courses.   Students planning to transfer to CSU Ft. Collins are advised to complete at least two semesters of one college level foreign language.   The following courses are recommended electives:

ANT 101	Cultural Anthropology	3
ANT 107	Introduction to Archaeology	3
ANT 215	Indians of North America	3
GEO 105	World Regional Geography	3
HIS 244	History of Latin America	3
HIS 249	History of Islamic Civilization	3
HUM 115	World Mythology	3
HUM 121	Survey of Humanities I: Early Civilizations	3
HUM 122	Survey of Humanities II: Medieval to Modern Civilizations	3
MUS 120	Music Appreciation	3
POS 111	American Government	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
THE 105	Theatre Appreciation	3

Total General Education Credits	**37**
Total Additional Required History Courses	**12**
Total Electives	**11**
A.A. Degree in History, Total Required Credits	**60**

Associate of Arts Degree in Political Science

Associate of Arts in Political Science Degree Requirements: 60 credits
General Education Requirements: 32 credits

English and Communication

(6 credits – GT-CO1, GT-CO2)

English – take 2 courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways approved CO3 Course		3

Mathematics

(3 credits – MA1)

Course #	Course Title	Credits
One gtPathways Mathematics course, but not MAT 155 or MAT 156		3

Arts and Humanities

(6 credits- AH1, AH2, AH3, AH4)

Select 2 courses

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3

Course #	Course Title	Credits
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	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

Course #	Course Title	Credits
Category I (GT-HI1)		
HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Social and Behavioral Sciences

(6 credits – GT-SS1)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Natural and Physical Sciences

(8 Credits – GT-SC1)

Select two courses

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context with Lab	5

Course #	Course Title	Credits
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science	4
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology with Lab	4
MET 150	General Meteorology with Lab	4
NRE 251	General Oceanography I with Lab	4
PHY 105	Conceptual Physics with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

General Education Credits	32

Additional Required Courses: 12 credits

Course #	Course Title	Credits
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 205	International Relations	3
POS 225	Comparative Government	3
Additional Required Credits		**12**

Electives: 16 credits

Choose 16 credits from any gtPathways courses	16

Total General Education Credits	32
Total Additional Required Course Credits	12
Total Electives	16
A.A. Degree, Political Science, Total Required Credits	60

Please Note: Additional Political Science (POS) courses beyond the four courses (12 credit hours) identified above may not count toward the Political Science major at the receiving four-year institution.   See explanation in Limitations section.

Associate of Arts Degree in Psychology

Associate of Arts in Psychology Degree Requirements: 60 credits
General Education Requirements: 37-39 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

English – take 2 courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways approved CO3 Course		3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits – MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Arts and Humanities

(9 credits- AH1, AH2, AH3, AH4)

Select 3 courses with no more than 2 courses from any 1 category

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3

ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	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

Course #	Course Title	Credits
Category I (GT-HI1)		
HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. in the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 courses.

Course #	Course Title	Credits
Category II (GT-SS1)		
AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3
Category III (GT-SS2)		
GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4
Category IV (GT-SS3)		
ANT 101	Cultural Anthropology	3

ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 215	Contemporary Social Problems	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Perspectives on Women & Social Change	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(7-8 Credits – GT-SC1)

One gtPathways Biology course - must be GT-SC1 (course with lab).   One gtPathways GT-SC1 course of the student's choosing

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	4

Course #	Course Title	Credits
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology with Lab	4
MET 150	General Meteorology with Lab	4
NRE 251	General Oceanography I with Lab	4
PHY 105	Conceptual Physics with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

General Education Credits	38-39

Additional Psychology Required Courses: 15 credits

Course #	Course Title	Credits
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3

AND

Three additional gtPathways Psychology courses (GT-SS3) 9

Course #	Course Title	Credits
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 235	Human Growth and Development	3
PSY 238	Child Development	3
PSY 249	Abnormal Psychology	3

Associate of Arts in Psychology Electives: 6-7 credits

Choose any gt Pathways courses.   The following courses are recommended electives:

Course #	Course Title	Credits
ANT 101	Cultural Anthropology	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 250	Medical Anthropology	3
ART 110	Art Appreciation	3
HIS 215	Women in U.S. History	3
HIS 247	20th Century World History	3
HUM 123	Humanities: Modern World	3
LIT 205	Ethnic Literature	3
MUS 120	Music Appreciation	3
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 214	Philosophy of Religions	3
SOC 101	Introduction to Philosophy	3
THE 105	Theatre Appreciation	3

Total General Education Credits	37-39
Total Additional Required Course Credits	15
Total Electives	6-7
A.A. Degree, Psychology, Total Required Credits	60

Associate of Arts Degree in Sociology

Associate of Arts in Sociology Degree Requirements: 60 credits

General Education Requirements: 38-39 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

English – take 2 courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3

AND

ENG 122	English Composition II	3

OR

ENG 122	English Composition II	3

AND

One gtPathways approved CO3 Course	3

AND

COM 115	Public Speaking	3

OR

COM 125	Interpersonal Communications	3

Mathematics

(3-4 credits – MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4

OR

MAT 135	Statistics	3

Arts and Humanities

(9 credits- AH1, AH2, AH3, AH4)

Select 3 courses

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3

LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	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

Course #	Course Title	Credits

Category I (GT-HI1)

HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)
Select 2 courses.

Course #	Course Title	Credits

Category II (GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3

Category III (GT-SS2)

GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4

Category IV (GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 215	Contemporary Social Problems	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(8 Credits – GT-SC1)

Select 2 courses.

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4

BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	4
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology with Lab	4
MET 150	General Meteorology with Lab	4
NRE 251	General Oceanography I with Lab	4
PHY 105	Conceptual Physics with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I: Physics and Chemistry with Lab	4
SCI 156	Integrated Science II: Earth and Life Science with Lab	4

General Education Credits		**38-39**

Additional Required Courses: 15 credits

Course #	Course Title	Credits
SOC 101	Introduction to Sociology	3
SOC 102	Introduction to Sociology II	3
Three gtPathways SOC courses in Social and Behavioral Sciences (GT-SS3)		9
Additional Required Credits		**15**
Electives		**6-7**

Total General Education Credits		**38-39**
Total Additional Required Course Credits		**15**
Total Electives		**6-7**
A.A. Degree, Sociology, Total Required Credits		**60**

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 of the Statewide Transfer Articulation Agreement for the Bachelors of Arts - Sociology.

Associate of Arts Degree in Spanish

Associate of Arts in Spanish Degree Requirements: 60 credits
General Education Requirements: 37 credits

English and Communication

(9 credits – GT-CO1, GT-CO2, GT-CO3)

Course #	Course Title	Credits
ENG 121	English Composition I **AND**	3

ENG 122	English Composition II **OR**	3
ENG 122	English Composition II **AND**	3
One gtPathways approved CO3 Course **AND**		3
COM 115	Public Speaking **OR**	3
COM 125	Interpersonal Communications	3

Mathematics

(3 credits – MA1)
Select one course

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4
MAT 121	College Algebra	4
MAT 122	College Trigonometry	3
MAT 123	Finite Math	4
MAT 125	Survey of Calculus	4
MAT 135	Introduction to Statistics	3
MAT 166	Pre-Calculus	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203	Calculus III	4
MAT 204	Calculus III with Engineering Applications	5
MAT 215	Discrete Math	4
MAT 261	Differential Equations with Engineering Applications	4
MAT 265	Differential Equations	3

Arts and Humanities

(9 credits-AH1, AH2, AH3, AH4)
Please Note: Those students who have a higher proficiency level than is required for SPA 211 or 212 should substitute other Arts & Humanities
courses.   Heritage speakers may want to substitute SPA 261 (Grammar-Heritage language Speaker) and SPA 262 (Comp-Heritage Language Speaker), if available.

Course #	Course Title	Credits
SPA 211	Spanish Language III	3
SPA 212	Spanish Language IV **AND**	3

Select 1 course from the following:

Category I (GT-AH1)

ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Category II (GT-AH2)

HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3

HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Social and Behavioral Sciences

(3 credits – GT-HI1)

Course #	Course Title	Credits

Category I

HIS 244	History of Latin America	3

OR

One other gtPathways History course (GT-HI1) focusing on the Spanish-speaking world (non-U.S.) or another gtPathways non-U.S. History course   3

AND

(6 credits – GT-SS1, GT-SS2, GT-SS3)
Select 2 courses.

Course #	Course Title	Credits

Category II (GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 225	Comparative Government	3

Category III (GT-SS2)

GEO 105	World Regional Geography	3
GEO 106	Human Geography	3

Category IV (GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Perspective on Women and Social Change	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(7 Credits - SC1 and SC2)
Select 2 courses.   One of these courses must have the required laboratory (GT-SC1).

Category I (GT-SC1)

Course #	Course Title	Credits
AGY 240	Introduction to Soil Science with Lab	4
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5

CHE 105	Chemistry in Context, with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	5
GEO 111	Physical Geography - Landforms with Lab	4
GEO 112	Physical Geography - Weather and Climate with Lab	4
GEY 111	Physical Geology, with Lab	4
GEY 112	Historical Geology, with Lab	4
GEY 135	Environmental Geology, with Lab	4
MET 150	General Meteorology, with Lab	4
NRE 251	General Oceanography , with Lab	4
PHY 105	Conceptual Physics, with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I - Physics and Chemistry, with Lab	4
SCI 156	Integrated Science II - Earth and Life Science, with Lab	4

Category II (GT-SC2)

Course #	Course Title	Credits
BIO 103	Principals of Animal Biology	3
BIO 116	Introduction to Human Disease	3
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
SCI 105	Science in Society	3

General Education Credits	37

Additional Required Spanish Courses: 10 credits

Course #	Course Title	Credits
SPA 111	Spanish Language I	5
SPA 112	Spanish Language II	5

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.

Associate of Arts in Spanish Electives: 13 credits

Choose any gtPathways courses.   Suggested courses: 200-level Spanish courses; courses outside the Spanish department with content related to the Spanish-speaking world.

Total General Education Credits	37
Total Additional Required Spanish Courses	10
Total Electives	13
A.A. Degree in Spanish, Total Required Credits	60

Associate of Arts - Early Childhood Education Plan of Study (UNC - Center for Urban Education Transfer)

UNC Center for Urban Education

NOTE: This degree will be conferred as an Associate of Arts. Early Childhood Education will not be listed on the student's transcript or diploma, but will be recognized by transferring institutions for

program admission.

This degree is designed for those students intending to transfer to UNC-Center for Urban Studies

Associate of Arts Degree: 60 credits
General Education Requirements: 24 credits

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
MAT 155	Integrated Mathematics I	3
MAT 156	Integrated Mathematics II	3
ART 110	Art Appreciation	3
HIS 121	US History to Reconstruction	3
GEO 105	World Regional Geography	3
POS 111	American Government	3
Total General Education Required Credits		**24**

Major Requirements

(21 credits)

Course #	Course Title	Credits
ECE 101	Introduction to Early Childhood Education	3
ECE 102	Introduction to Early Childhood Lab Techniques	3
ECE 205	Nutrition, Health, and Safety	3
ECE 220	Curriculum Development: Methods and Techniques	3
ECE 238	Child Growth and Development	3
LIT 255	Children's Literature	3
COM 115	Public Speaking	3
Total Major Required Credits		**21**

Early Childhood Education Requirements

(15 credits)

Course #	Course Title	Credits
EDU 261	Teaching and Learning Technology	3
ECE 288	Practicum II	3
EDU 240	Teaching Exceptional Learners	3
	OR	
ECE 260	Exceptional Child	3
ECE 103	Guidance Strategies for Children	3
ECE 240	Administration of Early Childhood Care and Education Programs	3
	OR	
ECE 241	Administration: Human Relations for Early Childhood Education	3
Total General Education Credits		**24**
Total Major Required Credits		**21**
Total Early Childhood Education Required Credits		**15**
A.A. Degree, Early Childhood Education Plan of Study (UNC-Center for Urban Studies), Total Required Credits		**60**

ASSOCIATE OF SCIENCE DEGREES (A.S.)

Degrees Offered

ASSOCIATE OF SCIENCE DEGREE - ARTICULATION WITH COLORADO SCHOOL OF MINES

Associate of Science Degree

Associate of Science Degree: 60 credits
General Education Core Requirements: 39 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication*	3
	OR	
COM 220	Intercultural Communication	3

Mathematics

(3 credits – GT-MA1)
Credits over 3 will count as electives.

Course #	Course Title	Credits
MAT 201	Calculus I	5

Arts and Humanities

(6 credits)

Course #	Course Title	Credits
PHI 218	Environmental Ethics	3

Select one 200 level guaranteed transfer Arts & Humanities course from GT-AH2 or GT-AH4

Category II (GT-AH2)

LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Social and Behavioral Sciences

(9 credits)

Course #	Course Title	Credits
HIS 247	20th Century World History	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Natural and Physical Sciences

(12 credits – GT-SC1)

Course #	Course Title	Credits
CHE 111	General College Chemistry I with Lab	5
PHY 211	Physics: Calculus Based I with Lab	5
One additional GT-SC1 from list of electives below (credits over 2 will count as electives)		2

Associate of Science Degree Electives: 21 credits

Course #	Course Title	Credits
MAT 202	Calculus II	5
MAT 204	Calculus III with Engineering Applications	5
MAT 261	Differential Equations with Engineering Applications (preferred)	3
	OR	
MAT 265	Differential Equations	3
PED XXX	4 Semesters of Physical Education courses	4
CHE 112	General College Chemistry II with Lab	5
BIO 111	Biology I	5
	AND	
ENV 101	Environmental Science	4
CSC 116	Logic and Program Design (through Fall 2013)	3
	OR	
CSC 119	Introduction to Programming (effective Spring 2014)	3
	OR	
CSC 145	Programming Fundamentals	3
PHY 212	Physics: Calculus Based with Lab	5
GEY 111	Physical Geology, with Lab	4
CHE 211	Organic Chemistry I with Lab	5
CHE 212	Organic Chemistry II with Lab	5

Total General Education Core Credits	**39**
Total Elective Credits	**21**
A.S. Degree Total Required Credits	**60**

Associate of Science Degree Core

Associate of Science

Associate of Science Degree: 60 credits
General Education Core Requirements: 39 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
ENG 201	Composition III: Writing for Public Discourse	3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication*	3
	OR	
COM 220	Intercultural Communication	3

Mathematics

(3 credits – GT-MA1)
Select from the following

Course #	Course Title	Credits
MAT 121	College Algebra	4
MAT 122	College Trigonometry	3
MAT 166	Pre-Calculus	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203	Calculus III	4
MAT 204	Calculus III with Engineering Applications	5
MAT 215	Discrete Math	4
MAT 261	Differential Equations with Engineering Applications	4
MAT 265	Differential Equations	3

Arts and Humanities

(6 credits – GT-AH1, GT-AH2, GT-AH3)

Select 2 courses from 2 different categories

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History - 1900 to Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Course #	Course Title	Credits
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Social and Behavioral Sciences

(9 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)
Select 2 guaranteed transfer Social and Behavioral Sciences courses from two different areas (History: GT-HI1; Economic or Political Systems: GT-SS1; Geography: GT-SS2; or Human Behavior, Culture, or Social Frameworks: GT-SS3) plus one guaranteed transfer History course.

History

(3 credits – GT-HI1)
Select 1 guaranteed transfer History course

Course #	Course Title	Credits
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3

HIS 244	History of Latin America	3
HIS 245	U.S. in the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

(3 credits – GT-HI1)
Select 2 guaranteed transfer Social and Behavioral Sciences courses from two different areas (History: GT-HI1; Economic or Political Systems: GT-SS1; Geography: GT-SS2; or Human Behavior, Culture, or Social Frameworks: GT-SS3)

Category II (GT-SS1)
AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3

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

Category IV (GT-SS3)
ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(12 credits – GT-SC1)
One 2-lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional guaranteed transfer lab science course(s) (GT-SC1)

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
GEO 111	Physical Geography - Landforms with Lab	4
GEO 112	Physical Geography - Weather and Climate with Lab	4
GEY 111	Physical Geology with Lab	4
GEY 112	Historical Geology with Lab	4
GEY 135	Environmental Geology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5

General Education Core Credits   39

Associate of Science Electives: 21 credits

Electives may by chosen from any gtPathway course or from the following list of non-gtPathway courses.

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.

Select from the following:
    Accounting: ACC 121, 122, 135
    Anthropology: ANT 275 (Study Abroad)
    Art: ART 121, 128, 131, 132, 134, 139, 150, 151, 161, 221
    American Sign Language: ASL 121, 122
    Biology: BIO 160, 268, 269
    Business: BUS 115, 216, 217, 226
    Chemistry: CHE 211, 212
    Chinese: CHI 111, 112
    Communications: COM 115, 125, 220
    Computer Information Systems: CIS 115, 118, 267
    Computer Networking: CNG 101, 130
    Computer Science: CSC 119
    Criminal Justice: CRJ 110
    Economics: ECO 201, 202

English: ENG 221, 222
French: FRE 111, 112
German: GER 111, 112
Health Wellness: HWE 100
Japanese: JPN 111, 112
Jewelry Design: JRD 215
Management: MAN 156, 200, 201, 212, 225, 226
Marketing: MAR 216, 240
Multimedia Graphic Design: MGD 102, 106
Music: MUS 100, 110,
Russian: RUS 111, 112
Spanish: SPA   111, 112, 261, 262, 235

Total General Education Core Credits	**39**
Total Elective Credits	**21**
A.S. Degree Total Required Credits	**60**

NOTE: This guarantee excludes majors in Education, Business, Engineering, or Nursing, and certain Liberal Arts and Sciences majors.

Associate of Science Degree in Mathematics

Associate of Science Degree in Mathematics

Associate of Science Degree Requirements: 60 credits
General Education Requirements: 42 credits

English and Communication

(9 credits – GT-CO1, GT-CO2, CO3)
English – take both courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	
One gtPathways approved CO3 course		3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(5 credits – MA1)

Course #	Course Title	Credits
MAT 201	Calculus I	5

Arts and Humanities

(9 credits-AH1, AH2, AH3, AH4)
Select three courses.

Category I (GT-AH1)

ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Category II (GT-AH2)

HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

*Many CO 4-year institutions require foreign language for admission.

Social and Behavioral Sciences

History

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

Course #	Course Title	Credits

Category I (GT-HI1)

HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3

HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Other Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 courses.

Course #	Course Title	Credits

Category II (GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3

Category III (GT-SS2)

| GEO 105 | World Regional Geography | 3 |
| GEO 106 | Human Geography | 3 |

Category IV (GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3

SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

Natural and Physical Sciences

(10 Credits – GT-SC1)

Course #	Course Title	Credits
PHY 211	Calculus-based Physics I with Lab	5
PHY 212	Calculus-based Physics II with Lab	5

Additional Mathematics Required Courses: 13-14 credits

Course #	Course Title	Credits
MAT 202	Calculus II	5
MAT 203	Calculus III	4
	OR	
MAT 204	Calculus III with Engineering Applications	5
CSC 160[1]	Computer Science I	4

Associate of Science in Mathematics Electives: 4-5 credits

Course #	Course Title	Credits
Any gtPathways courses		4-5

Total General Education Credits	42
Total Additional Required Course Credits	13-14
Total Electives	4-5
A.S. Degree in Mathematics, Total Required Credits	60

[1] 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 .

Associate of Science Degree in Psychology

Associate of Science in Psychology

Associate of Science Degree Requirements: 60 credits
General Education Requirements: 41

English and Communication

(9 credits – GT-CO1, GT-CO2, GT-CO3)

English – take both courses; Communication – select 1 course

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	OR	
ENG 122	English Composition II	3
	AND	

One gtPathways approved CO3 course

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits – GT-MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Arts and Humanities

(9 credits - GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Course #	Course Title	Credits
PHI 111	Intro to Philosophy	3
	OR	
PHI 112	Ethics	3
	AND	

Select six additional credits from at least two different categories of gtPathways Arts & Humanities courses

Category I (GT-AH1)

ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3

Category II (GT-AH2)

HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category III (GT-AH3)

PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death & Dying	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Many CO 4-year institutions require foreign language for admission.

Social and Behavioral Sciences

History

(3 credits – GT-HI1)

Select one gtPathways History course (GT-HI1)

Course #	Course Title	Credits

Category I (GT-HI1)

HIS 101	Western Civilization: Antiquity-1650	3
HIS 102	Western Civilization: 1650-Present	3
HIS 111	The World: Antiquity-1500	3
HIS 112	The World: 1500-Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. in the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

Other Social and Behavioral Sciences

(6 credits – GT-SS1, GT-SS2, GT-SS3)

Select 2 courses.

Course #	Course Title	Credits

Category II (GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3

Category III (GT-SS2)

GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4

Category IV (GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	
WST 200	Introduction to Women's Studies	3
WST 225	Perspectives on Women and Social Change	3
WST 240	Goddesses and Women of the Ancient World	3
WST 249	Women's Sexuality	3

ANT 201	Introduction to Forensic Anthropology	3
ANT 250	Medical Anthropology	3
ART 110	Art Appreciation	3
HIS 215	Women in U.S. History	3
HIS 247	20th Century World History	3
HUM 123	Humanities: Modern World	3
LIT 205	Ethnic Literature	3
MUS 120	Music Appreciation	3
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 214	Philosophy of Religions	3
SOC 101	Introduction to Philosophy	3
THE 105	Theatre Appreciation	3

Total General Education Credits	**41**
Total Additional Required Course Credits	**6**
Total Electives	**13**
A.S. Degree, Psychology, Total Required Credits	**60**

Natural and Physical Sciences

(10 Credits – GT-SC1)

Course #	Course Title	Credits
BIO 111	General College Biology I with Lab	5
CHE 111	General College Chemistry I with Lab	5

Note: 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: 6 credits

Course #	Course Title	Credits
PSY 101	General Psychology I (GT-SS3)	3
PSY 102	General Psychology II (GT-SS3)	3

Associate of Science in Psychology Electives: 13 credits

Course #	Course Title	Credits
ANT 101	Cultural Anthropology	3
ANT 111	Physical Anthropology	3

ASSOCIATE OF GENERAL STUDIES DEGREE (A.G.S.)

Degrees Offered

Associate of General Studies Degree - Generalist

Associate of General Studies

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.

Associate of General Studies Degree Requirements: 60 credits
General Education Core Requirements: 15 credits

English and Communication

(3 credits – GT-CO1)

Course #	Course Title	Credits
ENG 121	English Composition I	3

Mathematics

(3 credits – GT-MA1)
(Credits over 3 will be applied to electives)

Course #	Course Title	Credits
MAT 120	Mathematics for the Liberal Arts or higher level Math	4

Natural and Physical Sciences

(3 credits – GT-SC1)
(Credits over 3 will be applied to electives)

Astronomy: AST
Biology: BIO
Chemistry: CHE
Environmental Science: ENV 101
Geography: GEO 111, 112
Geology: GEY
Physics: PHY
Science: SCI

Social and Behavioral Sciences

(3 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)
Select 1 course

Course #	Course Title	Credits
Category I (GT-HI1)		
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3
HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3
Category II (GT-SS1)		
AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 215	Current Political Issues	3
POS 225	Comparative Government	3
Category III (GT-SS2)		
GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
Category IV (GT-SS3)		
ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology	1
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction of Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3

SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3
WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses & Women of the Ancient World	3
WST 249	Women's Sexuality	3

Arts and Humanities

(3 credits – GT-AH1, GT-AH2, GT-AH3, GT-AH4)
Select 1 course

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
Category II (GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
Category III (GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Category IV (GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3

RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

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

General Education Core Credits   15

General Education Electives: 15 credits**

Select from the general education courses not taken to meet requirements listed above.   Courses must be numbered 100 or higher.   Communication classes also apply.

**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.   Courses may only apply once toward degree requirements.   Up to 30 credits from
a completed Pickens Tech Certificate are eligible.

Select from the following:

Academic Achievement Strategies: AAA
Accounting: ACC
Anthropology: ANT
Art: ART
American Sign Language: ASL
Astronomy: AST
Biology/Biotechnology: BIO
Business: BUS
Chemistry: CHE
Chinese: CHI
Communications: COM
Computer Information Systems: CIS, BTE
Computer and Networking Technology: CNG
Computer Science: CSC
Computer Web Based: CWB
Criminal Justice: CRJ
Dance: DAN
Early Childhood Education: ECE
Education: EDU
Emergency Medical Services: EMS
English: ENG 121+
Ethnic Studies: ETH
Film and Video Media: FVM
Fire Science Technology: FST
Foreign Language: FOR
French: FRE
Geography: GEO
Geology: GEY
German: GER
Health Professional: HPR
Health Wellness: HWE
Hebrew: HEB
History: HIS
Humanities: HUM
Japanese: JPN
Jewelry Design: JRD
Law Enforcement Academy: LEA
Literature: LIT
Management: MAN

Marketing: MAR
Math: MAT 107+
Multimedia Graphic Design: MGD
Music: MUS
Paralegal: PAR
Philosophy: PHI
Photography: PHO
Physical Education: PED
Physics: PHY
Political Science: POS
Public Security Management: PSM
Psychology: PSY
Real Estate: REE
Russian: RUS
Science: SCI
Sociology: SOC
Spanish: SPA
Theatre: THE
Translation and Interpretation: TRI
Women's Studies: WST
World Languages: WOL

Total General Education Core Requirements		15
Total General Education Electives		15
Total Electives		30
A.G.S. Degree, Generalist, Total Required Credits		60

Associate of General Studies Degree - Paralegal

Associate of General Studies

Associate of General Studies Degree
Requirements: 60 credits
General Education Requirements: 30 credits

English and Communication

(9 credits – GT-CO1)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication	3

Mathematics

(3 credits – GT-MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4
	or higher level Math	

Natural and Physical Sciences

(3 credits – GT-SC1)
Select one GT-SC1 course

Course #	Course Title	Credits
AST 101	Astronomy I	4
AST 102	Astronomy II	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology	4
BIO 208	General College Microbiology	5
BIO 220	Zoology	5
BIO 221	Botany	5
CHE 101	Intro to Chemistry I with Lab	5
CHE 102	Intro to Chemistry II with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
GEY 111	Physical Geology	4
GEY 112	Historical Geology	4
GEY 135	Environmental Geology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5

Social and Behavioral Sciences

(9 credits – GT-HI1, GT-SS1, GT-SS2, GT-SS3)

Select 3 courses

Course #	Course Title	Credits
Category I (GT-HI1)		
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 208	American Indian History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 244	History of Latin America	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3
Category II (GT-SS1)		
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 205	International Relations	3
POS 225	Comparative Government	3
Category III (GT-SS2)		
GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
Category IV (GT-SS3)		
ANT 101	Cultural Anthropology	3
ANT 107	Introduction to Archaeology	3
ANT 111	Physical Anthropology	3
ANT 215	Indians of North America	3
ETH 200	Introduction of Ethnic Studies	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth & Development	3
PSY 238	Child Development	3
PSY 240	Health Psychology	3
PSY 249	Abnormal Psychology	3
SOC 101	Introduction to Sociology I	3

Course #	Course Title	Credits
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 215	Contemporary Social Problems	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
WST 200	Introduction to Women's Studies	3

Arts and Humanities

(6 credits – GT-AH1, GT-AH2, GT-AH3, GT-AH4)

Select 2 courses

Course #	Course Title	Credits

Category I (GT-AH1)
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
THE 105	Theatre Appreciation	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3

Category II (GT-AH2)
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3

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

Category IV (GT-AH4)
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

General Education Core Credits	**30**

Students may take either Torts or Criminal Law to meet the emphasis requirements, or they make take both courses, one as an elective.

Paralegal Required Courses: 21 credits

Course #	Course Title	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	Directed Study	3

Paralegal Electives: 9 credits

Select 3 courses

Course #	Course Title	Credits
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 209	Constitutional Law	3
PAR 216	Employment Law	3
PAR 218	Bankruptcy Law	3

Or any other PAR elective course offered in the schedule

Total General Education Core Requirements	**30**
Total Paralegal Course Requirements	**21**
Total Paralegal Electives	**9**
A.G.S. Degree, Paralegal, Total Required Credits	**60**

ASSOCIATE OF APPLIED SCIENCE DEGREE (A.A.S.)

Accounting

Associate of Applied Science

Accounting, Associate of Applied Science Degree: 61 credits

General Education Course Requirements: 16 credits

English and Communication
(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
COM 115	Public Speaking	3

Mathematics
(4 credits)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Social Sciences
(6 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Total General Education Credits   16

Business Core Course Requirements: 39 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
ACC 122	Principles of Accounting II	4
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business I	3
BUS 217	Business Communication and Report Writing	3
BUS 226	Business Statistics	3
ACC 125	Computerized Accounting **OR**	3
ACC 215	Accounting Information Systems and E-Business	3
ACC 131	Income Tax **OR**	3
ACC 132	Tax Help Colorado **AND**	2
ACC 133	Tax Help Colorado Site Practicum	1
ACC 135	Spreadsheet Apps/Accounting	3
ACC 211	Intermediate Accounting I	4
MAN 156	Problems Solving - Business Environment **OR**	3
MAN 225	Managerial Finance	3
CIS 118	Introduction to PC Applications	3

Total AAS Business Core Course Requirements   39

Accounting Core Course Electives: 6 credits
Select a minimum of   6 credit hours from the following:

Course #	Course Title	Credits
ACC 115	Payroll Accounting	3
ACC 212	Intermediate Accounting II	4
ACC 226	Cost Accounting I	3
ACC 231	Business Taxation	3
ACC 232	Auditing	3

Total AAS Accounting Core Course Electives

6

Total General Education Required Credits	16
Total Business Core Requirement Credits	39
Total Accounting Core Elective Credits	6
A.A.S. Degree, Accounting Total Required Credits	61

Applied Technology

Associate of Applied Science

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 requires 30 or fewer hours need 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.

Community College of Aurora General Education Requirements: 15 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
OR		
ENG 131 or higher		3
AND		
COM 115	Public Speaking	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 107 or higher		3

Social and Behavioral Sciences

(3 credits)

Select 1 course from:

Course #	Course Title	Credits
ANT - Anthropology; ECO - Economics; ETH - Ethnic Studies; GEO - Geography; HIS - History; POS - Political Science; PSY - Psychology; SOC - Sociology; WST - Women's Studies		3

Natural and Physical Sciences

(3 credits)

Select 1 course from:

Course #	Course Title	Credits
AST - Astronomy; BIO - Biology; CHE - Chemistry; GEY - Geology; PHY - Physics		3

CCA General Education Requirements	15
Total Area Vocational School Credits	up to 45

If credits transferred in equal less than 45, students must take enough credits to equal 60

A.A.S. Degree, Applied Technology, Total Required Credits	60

Business Administration

Associate of Applied Science

Business Administration Associate of Applied Science Degree: 60 credits
General Education Requirements: 19 credits

English and Communication

(9 Credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(4 Credits)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Social Sciences

(6 Credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Total General Education Credits	19

Business Core Course Requirements: 32 credits

Take all courses

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
ACC 122	Principles of Accounting II	4
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business I	3
BUS 217	Business Communication and Report Writing	3
BUS 226	Business Statistics	3
MAN 156	Problem Solving-Business Env	3
MAR 216	Principles of Marketing	3
MAN 226	Principles of Management	3
CIS 118	Introduction to PC Applications	3

AAS Business Administration Core Course Requirements	32

A.A.S. General Core Course Electives: 9 credits

Select a minimum of 9 credit hours from the following

Course #	Course Title	Credits
MAN 200	Human Resources	3
MAN 212	Conflict Resolution	3
MAN 215	Organizational Behavior	3
MAN 225	Managerial Finance	3
MAN 230	Corporate Responsibility	3
MAR 240	International Marketing	3

A.A.S. Business Administration Electives	9

Total General Education Credits	19
Total Business Degree Requirement Credits	32
Total General Core Elective Credits	9
A.A.S. Degree, Business Administration Total Required Credits	60

Business: Human Resources

Associate of Applied Science

Business: Human Resources Associate of Applied Science Degree: 60 credits
General Education Requirements: 16 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Social Sciences

(3 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics **OR**	3
ECO 202	Principles of Microeconomics	3

Total General Education Credits	16

Business Core Requirements: 38 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
ACC 122	Principles of Accounting II	4
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business I	3
BUS 217	Business Communication and Report Writing	3
BUS 226	Business Statistics	3
CIS 118	Introduction to PC Applications	3
MAN 156	Problem Solving - Bus Environment	3
MAN 200	Human Resources I	3
MAN 201	Human Resources II	3
MAN 226	Principles of Management	3
MAN 215	Organizational Behavior	3

Total Business (HR) Core Requirement Credits	38

Human Resources Core Electives: 9 credits

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
MAN 230	Corporate Responsibility	3
MAR 240	International Marketing	3
MAN 212	Conflict Resolution	3

Human Resource Core Elective Credits	9

Business - Human Resources General Education Requirements	16
Business - Human Resources Business Core Requirements	38

Business Human Resources Core Electives	6
A.A.S. Degree, Business - Human Resources Total Required Credits	60

Computer Information Systems

Associate of Applied Science

This degree program prepares student with the general entry level skills and knowledge needed to become a computer specialist. Through this degree, the students have the opportunity to obtain the skills necessary to test for the industry certifications of A+, Security +, and CCNA depending on their course choices.   Additionally, the students may qualify for their Basic Network Security and IT and Tech Support certificate from CCA.

Computer Information Systems Associate of Applied Science Requirements: 60 credits
Required Core General Education Requirements for Computer Degrees: 16 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking OR	3
COM 125	Interpersonal Communications	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts OR	4
MAT 121	College Algebra	4

Social Sciences

(3 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3

General Education Credits	16

Required Core Courses for Computer Degrees: 21 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 118	Introduction to PC Applications	3
CIS 128	Operating System Using Windows 7	3
CIS 268	System Analysis and Design I	3
CNG 101	Introduction to Networking	3
CNG 130	PC Technology	3
CSC 119	Introduction to Programming (effective Spring 2014)	3

Required Core Course Credits	21

Required Courses for Emphasis in Computer Information Systems: 12 credits

Course #	Course Title	Credits
CIS 220	Fundamentals of UNIX	3
CIS 267	Management of Information Systems	3
CNG 132	Network Security Fundamentals	3
CWB 110	Complete Web Authoring (HTML)	3
Required Emphasis Course Credits		**12**

Elective Courses for Emphasis in Computer Information Systems: 11 credits

Select a minimum of 11 credits

Course #	Course Title	Credits
CIS 135	Complete PC Word Processing	3
CIS 145	Complete PC Database	3
CIS 155	PC Spreadsheet Concepts: (Excel)	3
CIS 165	Complete Presentation Graphics	3
CIS 218	Advanced PC Applications (Office)	3
CIS 263	PC Help Desk	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
CNG 121	Computer Technician I: A+	4
CNG 122	Computer Technician II: A+	4
CNG 124	Networking I: Network+	3
CSC 154	Visual Basic NET Programming	3
CSC 160	Computer Science I (C++)	4
CSC 236	C# Programming	3
CSC 240	Java Programming	3
CWB 205	Complete Web Scripting (JavaScript)	3
CAD 256	SolidWorks Basic	6
CAD 257	SolidWorks Intermediate	6

	Credits
Elective Computer Information Systems Course Credits	11
Total General Education Credits	16
Total Required Core Courses for Computer Degree Credits	21
Total Required Computer Information Systems Course Credits	12
Total Elective Credits	11
A.A.S. Degree, Computer Information Systems, Total Required Credits	60

Criminal Justice

Associate of Applied Science

Criminal Justice Associate of Applied Science: 60 credits
General Education Requirements: 15 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
COM 115	Public Speaking	3

Social and Behavioral Sciences

(6 credits)

Course #	Course Title	Credits
ANT 201	Introduction to Forensic Anthropology	3
SOC 101	Introduction to Sociology	3
	OR	
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
PHI 112	Ethics	3
General Education Required Credits		**15**

Criminal Justice Requirements: 45 credits

Students must complete the following courses

Course #	Course Title	Credits
CRJ 110	Introduction to Criminal Justice	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	First Responder	3
PED 112	Conditioning Lab	1
Required Degree Credits		**45**

Total General Education Credits	**15**
Total Criminal Justice Required Credits	**45**
A.A.S. Degree, Criminal Justice Total Required Credits	**60**

Diesel Power Mechanics

Associate of Applied Science

The Diesel Degree and Certificate are not currently being offered at CCA

The Diesel Power Mechanics program trains entry-level diesel technicians for any industries were 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 303-340-7249.

This program is not restricted to students working in the field but is restricted in class size. A maximum of 25 students will be allowed to start. The Wagner Equipment Apprenticeship Program has priority in filling the AAS degree. Any open slots after the Wagner registration will then be filled to a maximum of 25 students. Any qualifying student turned away from the daytime pro-

gram may sign up for the night certificate program and still complete the AAS degree.

The Diesel Power Mechanics AAS Degree is a 2 year program that has been condensed into a very fast paced twelve-month program. The Program starts in early July of each year. Students will graduate the following year. The 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 AAS Degree Program will be filled on a first come first serve basis with a maximum of 25 students. For more details or an information package, contact the department at 303-340-7249.

Diesel Power Mechanics

Associate of Applied Science

General Education Requirements: 16 credits

Course #	Course Title	Credits
ENG 131	Technical Writing I	3
ENG 132	Technical Writing II	3
MAT 107	Career Mathematics	3
COM 125	Interpersonal Communications	3
CIS 118	Introduction to PC Applications	3
General Education Credits		**15**

Degree Requirements: 44 credits

Course #	Course Title	Credits
DPM 101	Diesel Shop Safety	2
DPM 100	Introduction to Diesel Mechanics	2
DPM 105	H/D Powertrain I	3
DPM 205	H/D Powertrain II	3
DPM 207	H/D Brakes II	3
DPM 140	H/D Steering and Suspension I	3
DPM 121	Hydraulic Systems I	3
DPM 122	Hydraulic Systems II	3
ASE 120	Basic Auto Electricity	2
ASE 123	Starting and Charging Systems	2
ASE 221	Auto/Diesel Body Electrical	4
DPM 103	Diesel Engines I	4
DPM 203	Diesel Engines II	4
DPM 106	Diesel Fuel Systems	3
DPM 210	Diesel Air Induction	1
DPM 111	Preventive Maintenance I	3
Degree required credits		**45**
A.A.S. Degree, Diesel Power Mechanics Service Technician Total Required Credits		**60**

Early Childhood Education

Associate of Applied Science

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.

Early Childhood Education Associate of Applied Science Degree: 61 credits
General Education Requirements: 25 credits

English
(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics/Science
(7 credits)*

Course #	Course Title	Credits
MAT 155	Integrated Math I	3
	OR	
MAT 156	Integrated Math II	3
	AND	
SCI 155	Integrated Science I	4
	OR	
SCI 156	Integrated Science II	4

Social and Behavioral Sciences
(6 credits)

Select 2 of the following

Course #	Course Title	Credits
GEO 105	World Regional Geography	3
HIS 121	U.S. History to Reconstruction	3
POS 111	American Government	3

Art/Humanities
(3 credits)

Choose any Art or Humanities GT class except ART 110 and MUS 120.

Additional General Education Requirements: 3 credits

**Select 1 course from the following

Course Discipline	Credits
LIT 115, LIT 255, POS 111	3
General Education Credits	**25**

Degree Requirements: 30 credits

Course #	Course Title	Credits
ECE 101	Intro. to Early Childhood Education	3
ECE 102	Introduction to ECE Lab Techniques	3
ECE 103	Guidance Strategies for Children	3
ECE 205	Nutrition, Health, and Safety	3
ECE 220	Curriculum Development: Methods & Techniques	3
ECE 240	Administration of Early Childhood Care and Education Programs	3
ECE 241	Administration: Human Relations for the Early Childhood Professions	3
ECE 260	The Exceptional Child	3
ECE 288	Practicum: Early Childhood Education	3
PSY 238	Child Development	3
Required Degree Credits		**30**

Degree Electives: 6 credits**

Select 6 hours from ECE/EDU courses except ECE 289, ECE 111, ECE 228, ECE 225, EDU 221, and ECE 226.

	Credits
Early Childhood Education Elective Credits	6
Total General Education Credits	25
Total Degree Credits	30
Total Elective Credits	6
A.A.S. Degree, Early Childhood Education, Total Required Credits	61

See an advisor for transfer requirements.

** *Each course may apply only once toward degree requirements.*

Film Video Media: Acting/Directing for the Screen Emphasis

Associate of Applied Science

Film Video Media Acting/Directing for the Screen Emphasis Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

MAT 120 or higher (excludes MAT 155 and 156)

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3

	Credits
Total General Education Credits	15

Film Video Common Core: 15 credits

Course #	Course Title	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

Acting/Directing for the Screen Film and Video: 45 credits

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation Techniques	3
FVM 155	Writing the Short Script	3
FVM 200	Video Production II	3
FVM 202	Film/Video Business	3
FVM 204	Art Direction	3
FVM 207	Directing Workshop	3
FVM 209	Production Management **OR**	3
FVM 236	Creative Producing	3
FVM 211	Studio Recording for Voice	3
FVM 212	Contemporary Global Cinema	3
FVM 217	Acting for the Screen	3
FVM 218	Screen Actor Movement and Action I	3
FVM 227	History of Acting	3
FVM 228	Screen Actor Movement and Action II	3
FVM 251	Feature Script Analysis	3
	FVM Elective*	3

See department for approved FVM electives based on major.

	Credits
Total General Education Credits	15
Total Core Credits	15
Total Emphasis Credits	45
A.A.S. Degree, Film Video Media Acting/Directing for the Screen Emphasis, Total Required Credits	75

Film Video Media: Cinematography/Videography Emphasis

Associate of Applied Science

Film Video Media Cinematography Videography Emphasis Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

MAT 120 or higher (excludes MAT 155 and 156)

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3

Total General Education Credits		15

Film Video Common Core: 15 credits

Course #	Course Title	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: 45 credits

Course #	Course Title	Credits
FVM 153	Introduction to Film Production	3
FVM 185	The Documentary Film	3
FVM 200	Video Production II	3
FVM 202	Film/Video Business	3
FVM 204	Art Direction	3
FVM 205	Camera Techniques	3
FVM 206	Film Video Lighting	3
FVM 212	Contemporary global Cinema	3
FVM 213	Cinematography	3
FVM 220	16mm/HD Production	3
FVM 251	Feature Script Analysis	3
FVM 270	Film/Video Production III	3
FVM 273	Professional Documentary Production	3
	FVM Cinematography Elective*	6

* See department for approved FVM electives based on major.

Total General Education Credits		**15**
Total Core Credits		**15**
Total Emphasis Credits		**45**
A.A.S. Degree, Film Video Media Cinematography/Videography Emphasis, Total Required Credits		**75**

Film Video Media: Post-Production Emphasis

Associate of Applied Science

Film Video Media: Post-Production Emphasis
Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	3
MAT 120 or higher (excludes MAT 155 and 156)		

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits

PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

COM 115	Public Speaking	3

Total General Education Credits		15

Film Video Common Core: 15 credits

Course #	Course Title	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: 45 credits

Course #	Course Title	Credits
MGD 111	Adobe Photoshop I	3
FVM 164	Digital Editing: Final Cut Pro	3
FVM 165	Introduction to Digital Editing: Avid	3
FVM 185	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 248	Post-Production Sound	3
FVM 251	Feature Script Analysis	3
FVM 264	Digital Effects	3
FVM 267	Editing Aesthetics OR FVM Post Elective	3
FVM 271	Video Post-Production III	3
	FVM Post-Production Elective *	3

FVM Post-Production Electives include Maya III/Previsualization, Advanced Composition, Color & Motion, Colorado Correction, or other department approved courses.

Total General Education Credits		15
Total Core Credits		15
Total Emphasis Credits		45
A.A.S. Degree, Film Video Media Post-Production Emphasis, Total Required Credits		75

Film Video Media: Screen Writing Emphasis

Associate of Applied Science

Film Video Media Screenwriting Emphasis
Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

MAT 120 or higher (excludes MAT 155 and 156)

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3

| **Total General Education Credits** | | 15 |

Film Video Common Core: 15 credits

Course #	Course Title	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 for Film and Video: 45 credits

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation	3
FVM 155	Writing the Short Script	3
	Choose any two from the list below (FVM 181 - FVM 188):	
FVM 181	Topics in Film Studies	3
FVM 183	Neo Realism and New Wave Films	3
FVM 184	Landmarks of Cinema	3
FVM 185	Documentary Film	3
FVM 186	The Horror Film	3
FVM 187	The Science Fiction Film	3
FVM 188	The Comedy Film	3
FVM 202	Film/Video Business	3
FVM 212	Contemporary Global Cinema	3
FVM 216	Producing the Independent Film	3
FVM 217	Acting for the Screen **OR**	3
FVM 227	History of Acting	3
FVM 229	Production III Preparation	3
FVM 236	Creative Producing	3
FVM 250	Writing for Broadcast Media	3
FVM 251	Feature Script Analysis	3
FVM 252	Writing the Independent Film	3
FVM 262	Writing the Hollywood Feature	3
FVM 268	Feature Rewrites Workshop	3
FVM 269	Screenwriter's Workshop	3

Total General Education Credits		**15**
Total Core Credits		**15**
Total Emphasis Credits		**45**
A.A.S. Degree, Film Video Media Screenwriting, Total Required Credits		**75**

Film Video Media: Writing/Directing Emphasis

Associate of Applied Science

Film Video Media Writing/Directing Emphasis
Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	3

Math 120 or higher (Excludes MAT 155 and 156)

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3

| **Total General Education Credits** | | **15** |

Film Video Common Core: 15 credits

Course #	Course Title	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
Total Film Video Common Core Credits		**15**

Writing/Directing for Film and Video: 45 credits

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation **OR**	3
FVM 206	Film/Video Lighting	3
FVM 155	Writing the Short Script	3
FVM 200	Video Production II **OR**	3
FVM 220	16mm HD Production	3
FVM 202	Film/Video Business	3
FVM 204	Art Direction	3
FVM 205	Camera Techniques	3
FVM 207	Directing Workshop	3
FVM 209	Production Management	3
FVM 212	Contemporary Global Cinema	3
FVM 215	Post-Production II	3
FVM 229	Production III Preparation	3
FVM 250	Writing for Broadcast Media	3
FVM 251	Feature Script Analysis	3
FVM 270	Film/Video Production III	3

Course #	Course Title	Credits
FVM 271	Video Post-Production III	3

Total General Education Credits		15
Total Core Credits		15
Total Emphasis Credits		45
A.A.S. Degree, Film Video Media Writing/Directing Emphasis, Total Required Credits		75

Film Video Media: Writing/Producing Emphasis

Associate of Applied Science

Film Video Media Writing/Producing Emphasis
Associate of Applied Science Degree: 75 credits
General Education Requirements: 15 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	3
MAT 120 or higher (excludes MAT 155 and 156)		

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Arts and Humanities

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3

Total General Education Credits		15

Film Video Common Core: 15 credits

Course #	Course Title	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

Writing/Producing Emphasis: 45 credits

Course #	Course Title	Credits
FVM 155	Writing the Short Script	3
FVM 185	Documentary Film	3
FVM 200	Video Production II **OR**	3
FVM 220	16mm/HD Production	3
FVM 202	Film Video Business	3
FVM 204	Art Direction	3
FVM 209	Production Management	3
FVM 212	Contemporary Global Cinema	3

Course #	Course Title	Credits
FVM 216	Producing the Independent Feature	3
FVM 229	Production III Preparation	3
FVM 236	Creative Producing I	3
FVM 250	Scriptwriting for Film & Video	3
FVM 251	Feature Script Analysis	3
FVM 270	Film/Video Production III	3
FVM 273	Professional Documentary Production	3
	FVM Elective*	3

*See department for approved FVM electives based on   major.

Total General Education Credits		15
Total Core Credits		15
Total Emphasis Credits		45
A.A.S. Degree, Film Video Media Writing/ Producing Emphasis, Total Required Credits		75

Fine Art

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Fine Art, including drawing and painting. Fine Artists create artwork based on their own personal vision and aesthetic. They sell their work in galleries, museums, festivals, and online. Many fine artists work for themselves or are represented by galleries or artist representatives. Students will develop the ability to draw, paint, design, and create visually pleasing and compelling work.

Fine Art Associate of Applied Science Degree: 60 credits
General Education Requirements: 21 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities

(9 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3
	AND	
Any gtPathways Humanities Course		3

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
Any gtPathways Sociology (SOC) Course		3

Total General Education Credits   21

Required Courses: 39 credits

Course #	Course Title	Credits
ART 150	Digital Art Foundations I	3
MGD 268	Business for Creatives	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 151	Painting I	3
ART 128	Figure Drawing I	3
ART 250	Digital Foundations II **OR**	3
ART 228	Advanced Figure Drawing	3
ART 221	Drawing II	3
ART 251	Painting II	3
ART 139	Digital Photography I **OR**	3
ART 161	Ceramics I	3

Total Fine Art Required Credits		**39**
Total General Education Credits		**21**
Total Fine Art Degree Requirement Credits		**39**
A.A.S. Fine Art Degree, Total Credits		**60**

Fine Art - Emphasis in Jewelry

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Fine Art Jewelry. Jewelry Artists create
wearable art based on their own personal vision and aesthetic. They may sell their work in galleries, museums, festivals, and online. Other
opportunities include bridal or corporate clients, events or festivals, and quality control managers in jewelry production companies, boutiques, etc. Jewelry artists work for themselves or are represented by companies or galleries. Students will develop the ability to draw, design, photograph their pieces, and create jewelry in a variety of materials from beads to metal.

Fine Art - Emphasis in Jewelry Associate of Applied Science Degree (Not Currently Offered): 60 credits
General Education Requirements: 21 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities

(6 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
Any gtPathways Sociology (SOC) course		3

Other Courses: 3 credits

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
	OR	
MAR 235	Consumer Behavior	3
	OR	
Any gtPathways Humanities (HUM) Course		3

Total General Education Credits   21

Required Courses: 39 credits

Course #	Course Title	Credits
ART 150	Digital Art Foundations I	3
MGD 268	Business for Creatives	3
JRD 215	Jewelry Design I	3
JRD 216	Jewelry Design II	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 133	Jewelry and Metalwork	3
ART 161	Ceramics I	3
	OR	
ART 221	Drawing II	3
JRD 120	Introduction to Jewelry Making	3
ART 139	Digital Photography	3

Total General Education Credits		**21**
Total Fine Art - Emphasis in Jewelry Requirement Credits		**39**
A.A.S. Fine Art - Emphasis in Jewelry Degree, Total Credits		**60**

Fine Art - Emphasis in Painting

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Fine Art Painting. Fine Artists create
paintings based on their own personal vision and aesthetic. They sell their work in galleries, museums, festivals, and online. Most fine artists
work for themselves or are represented by galleries or artist representatives. Students will develop the ability to draw, paint traditionally and
digitally, understand the fine art market, and create visually pleasing and/or provocative work.

Fine Art - Emphasis in Painting Associate of Applied Science Degree (Not Currently Offered): 60 credits
General Education Requirements: 21 credits

English
(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics
(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities
(6 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3

Social and Behavioral Sciences
(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
Any gtPathways Sociology (SOC) Course		3

Other Courses: 3 credits

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
	OR	
MAR 235	Consumer Behavior	3
	OR	
Any gtPathways Humanities (HUM) Course		3
Total General Education Credits		**21**

Required Courses: 24 credits

Course #	Course Title	Credits
ART 150	Digital Art Foundations I	3
MGD 268	Business for Creatives	3
ART 252	Painting III	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 139	Digital Photography	3
	OR	
ART 221	Drawing II	3
ART 250	Digital Foundations II	3
	OR	
ART 228	Advanced Figure Drawing	3
ART 251	Painting II	3
ART 128	Figure Drawing I	3
ART 151	Painting I	3
Total Fine Art Required Credits		**39**
Total General Education Credits		**21**

Total Fine Art - Emphasis in Painting Degree Requirement Credits	39
A.A.S. Fine Art Degree, Total Credits	60

Fine Art - Emphasis in Photography
Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Fine Art Photography. Photographers produce fine art as well as commercial art with digital photography. Photographers sell their work to individual clients, companies, stock photo houses, and publishing companies. They typically work for themselves as professional, freelance, sports, or commercial photographers. Students will develop the ability to draw, design, use current cameras and digital software, and create compelling photos.

Fine Art - Emphasis in Photography Associate of Applied Science Degree (Not Currently Offered): 60 credits
General Education Requirements: 21 credits

English
(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics
(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities
(6 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3

Social and Behavioral Sciences
(3 credits)

Course #	Course Title	Credits
COM 115	Public Speaking	3
	OR	
Any gtPathways Sociology (SOC) Course		3

Other Courses: 3 credits

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
	OR	
MAR 235	Consumer Behavior	3
	OR	
Any gtPathways Humanities (HUM) Course		3
Total General Education Credits		**21**

Required Courses: 39 credits

Course #	Course Title	Credits
ART 150	Digital Art Foundations I	3
MGD 268	Business for Creatives	3
PHO 232	Professional Portraiture	3
PHO 226	Digital Workflow Management	3
ART 239	Digital Photography II	3
PHO 260	Events and Wedding Photography	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 139	Digital Photography	3
ART 221	Drawing II	3
	OR	
	THE, DAN, or MUS Course	3
Total Fine Art Required Credits		**39**

Total General Education Credits		**21**
Total Fine Art - Emphasis in Photography Degree Requirement Credits		**39**
A.A.S. Fine Art - Emphasis in Photography Credits		**60**

Fire Science Technology

Associate of Applied Science

The Fire Science programs are designed for students desiring 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.   For permission to enroll in any of the following programs, and for requirements to be admitted into the Fire Academy and start dates, students need to contact the program coordinator, Michael Stanley, at 303.340.7222.

**Fire Science Technology Associate of Applied Science Requirements: 60 credits
General Education Requirements: 15 credits**

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
COM 125	Interpersonal Communication	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4

Natural and Physical Sciences

(4 credits)

(Select one GT-SC1 course)

Course #	Course Title	Credits
AST 101	Astronomy I	4
AST 102	Astronomy II	4
BIO 105	Science of Biology	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology	4
BIO 208	General College Microbiology	5
BIO 220	General Zoology	5
BIO 221	Botany	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II w/ Lab	5
ENV 101	Introduction to Environmental Science	5
GEY 111	Physical Geology	4
GEY 112	Historical Geology	4
GEY 135	Environmental Geology	4
MET 150	General Meteorology	4
NRE 251	General Oceanography I	4
PHY 105	Conceptual Physics	4
PHY 107	Energy Science and Technology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I	4
SCI 156	Integrated Science II	4

Other

(1 credit)

Course #	Course Title	Credits
PED 110	Physical Fitness Activity I	1
General Education Credits		**15**

Degree Requirements: 33 credits

Course #	Course Title	Credits
FST 100	Firefighter I	9
FST 101	Firefighter II	6
FST 102	Introduction to Fire Science and Suppression	3
FST 109	Occupational Safety and Health for Fire	3
FST 209	Fire Protection Systems	3
FST 105	Building Construction for Fire	3
FST 106	Fire Inspection Practices	3
FST 107	Hazardous Materials Operations (Level I)	3

Electives: 12 credits

Select any non-required FST or EMS courses.

Degree Required Credits		**33**
Total General Education Credits		**15**
Degree Electives		**12**
A.A.S. Degree, Fire Science Technology Total Required Credits		**60**

Fire Service Management

Associate of Applied Science

The Fire Science programs are designed for students desiring 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.   For permission to enroll in any of the following programs, and for requirements to be admit-

ted into the Fire Academy and start dates, students need to con-tact the program coordinator, Michael Stanley, at 303.340.7222.

Fire Services Management Associate of Applied Science: 60 credits
General Education Requirements: 15 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
COM 125	Interpersonal Communication	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4

Natural and Physical Sciences

(4 credits)

(Choose one GT-SC1 course)

Course #	Course Title	Credits
AST 101	Astronomy I with Lab	4
AST 102	Astronomy II with Lab	4
BIO 105	Science of Biology with Lab	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
BIO 208	General College Microbiology with Lab	5
BIO 220	General Zoology with Lab	5
BIO 221	Botany with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context, with Lab	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II with Lab	5
ENV 101	Introduction to Environmental Science with Lab	5
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
GEY 111	Physical Geology, with Lab	4
GEY 112	Historical Geology, with Lab	4
GEY 135	Environmental Geology, with Lab	4
MET 150	General Meteorology, with Lab	4
NRE 251	General Oceanography I, with Lab	4
PHY 105	Conceptual Physics, with Lab	4
PHY 107	Energy Science and Technology, with Lab	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I - Physics and Chemistry, with Lab	4
SCI 156	Integrated Science II - Earth and Life Science, with Lab	4

Other

(1 credit)

Course #	Course Title	Credits
PED 110	Physical Fitness Activity I	1
General Education Credits		**15**

Degree Requirements: 30 credits

Course #	Course Title	Credits
ACC 135	Spreadsheet Applications for Accounting	3
EMP 101	Principles of Emergency Management	3
FST 201	Instructional Methodology	3
FST 202	Firefighting Strategy and Tactics	3
FST 204	Fire Codes and Ordinances	3
FST 205	Fire Cause Determination	3
FST 206	Fire Company Supervision and Leadership	3
FST 207	Firefighting Strategy and Tactics II	3
FST 253	Fire Ground Organization and Command	3
MAN 200	Human Resource Management I	3

Electives: 15 credits
Any non-required FST or EMS courses

Total Required Credits	**30**
Total General Education Credits	**15**
Electives	**15**
Fire Service Administration A.A.S. Degree	
Total Required Credits	**60**

Graphic Design
Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Graphic Design. Graphic Designers create artwork to communicate a specific message, typically to promote an idea, a product, or a company. 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.

Graphic Design Associate of Applied Science Degree: 60 credits
General Education Requirements: 21 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Math

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Social and Behavioral Sciences

(3 credits)

Any gtPathways Sociology (SOC) Course		3
	OR	
COM 115	Public Speaking	3

Arts and Humanities

(6 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3

Other Required Courses

(3 credits)

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
	OR	
MAR 235	Consumer Behavior	3
	OR	
Any gtPathways Humanities (HUM) Course		3

Total General Education Credits	**21**

Graphic Design Required Courses

(39 credits)

Course #	Course Title	Credits
MGD 105	Typography and Layout	3
MGD 106	Creativity and Visual Thinking	3
MGD 116	Typography I	3
MGD 133	Graphic Design I	3
MGD 203	Design and Concept	3
MGD 233	Graphic Design II	3
MGD 268	Business for Creatives	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
ART 221	Drawing II	3
MGD 141	Web Design I	3
	OR	
ART 128	Figure Drawing I	3

Total General Education Credits	**21**
Total Required Credits	**39**
A.A.S. Graphic Design Degree, Total Credits	**60**

Graphic Design, Emphasis in Web Design

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Web Design. Web Designers design and maintain the front-end of websites. Their focus is on the way the site looks, but they may also design the functionality and user interface. A basic understanding of the source code and programming structure is helpful as they collaborate with programmers. Students will develop the ability to design, use design software and web editing applications, understand basic source code structure, and develop a high level of versatility and comfort with new technologies.

Graphic Design, Emphasis in Web Design Associate of Applied Science Degree (Not Currently Offered): 60 credits
General Education Requirements: 21 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Math

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Social and Behavioral Sciences

(3 credits)

Any gtPathways Sociology (SOC) Course		3
	OR	
COM 115	Public Speaking	3

Arts and Humanities

(6 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3

Other Required Courses

(3 credits)

Course #	Course Title	Credits
MAR 216	Principles of Marketing	3
	OR	
MAR 235	Consumer Behavior	3
	OR	
Any gtPathways Humanities (HUM) Course		3

Total General Education Credits	**21**

Graphic Design, Emphasis in Web Design Required Courses

(39 credits)

Course #	Course Title	Credits
MGD 105	Typography and Layout	3
MGD 106	Creativity and Visual Thinking	3
MGD 141	Web Design I	3
MGD 241	Web Design II	3
MGD 133	Graphic Design I	3
MGD 268	Business for Creatives	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3

Course #	Course Title	Credits
ART 134	Visual Concepts 4-D Design	3
MGD 111	Photoshop I	3
CWB 110	Complete Web Authoring	3
CSC 116	Logic and Program Design (through Fall 2013)	3
	OR	
CSC 119	Introduction to Programming (effective Spring 2014)	3
	OR	
MGD 143	Motion Graphics	3
	OR	
CWB 205	Web Scripting	3
Total General Education Credits		**21**
Total Graphic Design, Emphasis in Web Design Required Credits		**39**
A.A.S. Graphic Design Degree, Total Credits		**60**

Illustration

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Illustration. Illustrators create artwork to tell a story or communicate a specific message. Illustrators bring conceptual ideas to books, animations, concept art, graphic novels, magazines, advertisements, posters, and websites, etc. Illustrators often work as freelance artists, collaborating with designers and publishing companies, or selling their work in galleries or on the web. Students will develop the ability to draw, design, incorporate text with imagery, use design software, and communicate effectively with a visual image or series of images.

Illustration Associate of Applied Science Degree: 60 credits
General Education Requirements: 21 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities

(9 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3
	AND	
Any gtPathways Humanities Course		3

Natural and Physical Sciences

(3 credits)

Course #	Course Title	Credits
Any gtPathways SCI, CHE, AST, BIO, GEY or PHY		3

course

Total General Education Credits		**21**

Required Courses: 39 credits

Course #	Course Title	Credits
ART 150	Digital Art Foundations I	3
MGD 134	Drawing for Illustrators	3
MGD 207	Illustration I	3
MGD 268	Business for Creatives	3
MGD 208	Illustration II	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 221	Drawing II	3
	OR	
ART 228	Advanced Figure Drawing	3
ART 128	Figure Drawing I	3
ART 151	Painting I	3
Total General Education Credits		**21**
Total Illustration Degree Requirement Credits		**39**
A.A.S. Illustration Degree, Total Credits		**60**

Illustration - Emphasis in Graphic Storytelling

Associate of Applied Science

This degree is designed to help each student develop a portfolio of market-ready work in the area of Graphic Storytelling or Comic Books. Sequential illustrators create artwork to tell a story with a series of sequential images. Illustrators bring conceptual ideas to comic books, graphic novels, and children's books. Sequential illustrators often work as self-publishing, freelance artists or as in-house production artists. In addition, comic artists may collaborate with other artists to pencil, ink, or color each project. Students will develop the ability to draw, write, design, incorporate text with imagery, use design software, and communicate effectively with a series of images.

Illustration - Emphasis in Graphic Storytelling Associate of Applied Science Degree (Not Currently Offered): 60 credits
General Education Requirements: 21 credits

English

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 221	Creative Writing I	3
	OR	
ENG 122	English Composition II	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 120	Math for Liberal Arts	3

Arts and Humanities

(9 credits)

Course #	Course Title	Credits
ART 111	Art History I	3
ART 112	Art History II	3
	AND	
Any gtPathways Humanities Course		3

Natural and Physical Sciences

(3 credits)

Course #	Course Title	Credits
Any gtPathways SCI, CHE, AST, BIO, GEY or PHY course		3
Total General Education Credits		**21**

Required Courses: 39 credits

Course #	Course Title	Credits
MGD 134	Drawing for Illustrators	3
MGD 207	Illustration I	3
MGD 235	Word and Image 1: Comics	3
MGD 268	Business for Creatives	3
MGD 236	Word and Image 2: Graphic Novels	3
MGD 223	Graphic Storytelling I	3
MGD 224	Graphic Storytelling II	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 151	Painting I	3
	OR	
ART 221	Drawing II	3
Total General Education Credits		**21**
Total Illustration, Emphasis in Graphic Storytelling Degree Requirement Credits		**39**
A.A.S. Illustration - Emphasis in Graphic Storytelling Degree, Total Credits		**60**

IT Tech and Support

Associate of Applied Science

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 A+, Security + and industry certifications.

IT Tech and Support Associate of Applied Science Degree: 60 credits
General Education Requirements: 16 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	3
	OR	
MAT 121	College Algebra	4

Social Sciences

(3 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
General Education Credits		**16**

Required Core Courses for Computer Degrees: 18 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 118	Introduction to PC Applications	3
CIS 128	Operatingin System Using Windows 7	3
CNG 101	Introduction to Networking	3
CNG 130	PC Technology	3
CSC 119	Introduction to Programming (effective Spring 2014)	3
Required Core Course Credits		**18**

Required Courses for IT Tech and Support: 17 credits

Course #	Course Title	Credits
CIS 220	Fundamentals of UNIX	3
CIS 263	PC Help Desk Skills	3
CIS 267	Management of Information Systems	3
CNG 121	Computer Technician I: A+	4
CNG 122	Computer Technician II: A+	4
Required Course Credits		**17**

Elective Courses for IT and Tech Support: 9 credits

Course #	Course Title	Credits
CIS 218	Advanced PC Applications (Office)	3
CNG 124	Networking I: Network+	3
CNG 132	Principles of Information Security	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
CSC 240	Java Programming	3
CSC 241	Advanced Java Programming	3
Elective IT and Support Course Credits		**11**
Total General Education Credits		**16**
Total Required Core Courses for Computer Degree Credits		**18**
Total Required IT and Tech Support Course Credits		**17**
Total Elective Credits		**9**

A.A.S. Degree, IT and Tech Support, Total Required Credits   60

Management with an Emphasis in Paralegal

Associate of Applied Science

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. Paralegals are not authorized to practice law in any way, as the practice of law is restricted to persons who are licensed by this or any other state. Any act that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

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. Students must complete the emphasis requirements and degree requirements, including ENG 121. All Paralegal students must consult with an academic advisor. Students wishing to continue in a baccalaureate degree program after completing their associate degrees should contact an academic advisor at Regis University.

Management: Paralegal, Associate of Applied Science Degree: 61 credits
General Education Requirements: 18 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics or Natural and Physical Sciences

(3 credits)

Course #	Course Title	Credits
MAT 120 or higher, AST, BIO, CHE, GEY, PHY 105 or higher		3

Social and Behavioral Sciences

(9 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
	AND (Choose one course from)	
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History since the Civil War	3
SOC 101	Sociology I	3
SOC 102	Sociology II	3

Business Core Requirements: 13 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
BUS 216	Legal Environment of Business I	3
MAN 200	Human Resources Management I	3
MAN 226	Principles of Management	3

Emphasis Requirements: 21 credits

Course #	Course Title	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	Directed Studies	3

*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

Course #	Course Title	Credits
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 209	Constitutional Law	3
PAR 216	Employment Law	3
PAR 218	Bankruptcy Law	3
PAR 227	Immigration Law	3
PAR 275	Special Topics in Paralegal	3

Total General Education Credits	18
Total Business Core Requirement Credits	13
Total Emphasis Requirement Credits	21
Total Elective Credits	9
A.A.S. Degree, Paralegal Management Emphasis, Total Required Credits	61

Networking

Associate of Applied Science

Networking Associate of Applied Science Degree: 60 credits
General Education Requirements: 16 credits

English and Communication

(6 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 121	College Algebra OR	4

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4

Social Sciences

(6 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3

General Education Credits		**16**

Required Core Courses for Computer Degrees: 21 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 118	Introduction to PC Applications	3
CIS 128	Operating System Using Windows 7	3
CIS 268	System Analysis and Design I	3
CNG 101	Introduction to Networking	3
CNG 130	PC Technology	3
CSC 119	Introduction to Programming (effective Spring 2014)	3

Required Core Course Credits		**21**

Required Courses for Networking: 17 credits

Course #	Course Title	Credits
CIS 220	Fundamentals of UNIX	3
CIS 267	Management of Information Systems	3
CNG 132	Network Security Fundamentals	3
CNG 260	CISCO Network Associate I	5
CNG 124	Networking I: Network+	3

Required Course Credits		**17**

Elective Courses for Networking: 6 credits

Course #	Course Title	Credits
CIS 218	Advanced PC Applications (Office)	3
CNG 261	CISCO Network Associate II	5
CNG 262	CISCO Network Associate III	5
CNG 263	CISCO Network Associate IV	5
CSC 240	Java Programming	3
CSC 241	Advanced Java Programming	3

Elective Networking Course Credits		**6**
Total General Education Credits		**16**
Total Required Core Courses for Computer Degree Credits		**21**
Total Required Networking Course Credits		**17**
Total Elective Credits		**6**
A.A.S. Degree, Networking, Total Required Credits		**60**

Office System Technology

Associate of Applied Science

This degree program prepares students for office administration and general office support type positions.   Through this degree, the students learn the skills and have the option to take the Microsoft Office Specialist Master Certification in Microsoft Word, Excel, Access and PowerPoint.

Office System Technology Associate of Applied Science Requirements: 62 credits
Required Core General Education Requirements for Computer Degrees: 16 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4
	OR	
MAT 121	College Algebra	4

Social Sciences

(3 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3

General Education Credits		**16**

Required Core Courses for Office System Technology Degree: 6 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 128	Operating System Using Windows 7	3

Required Core Course Credits		**6**

Required Courses for Emphasis in Office System Technology: 31 credits

Course #	Course Title	Credits
CIS 118	Introduction to PC Applications	3
CIS 135	Complete PC Word Processing (Word)	3
CIS 145	Complete PC Database (Access)	3
CIS 155	PC Spreadsheet Concepts: (Excel)	3
CIS 165	Complete Presentation Graphics (Power Point)	3
CIS 167	Desktop Publishing (InDesign)	3
BUS 115	Introduction to Business	3
BTE 257	Managing Office Technology	3
CIS 203	Technology for Career Success	1
BUS 217	Business Communication and Report Writing	3
BTE 225	Office Management	3

Required Emphasis Course Credits		**31**

Elective Courses for Emphasis in Office System Technology: 9 credits

Any course   in BUS, CIS, CWB, CNG or CSC

Elective Computer Information Systems Course Credits		**9**

Pre-requisites for degree: MAT 050, CCR 092, 093 or 094, or equivalent ACT scores, ability to type 30 wpm

Total General Education Credits	16
Total Required Core Courses for Computer Degree Credits	6
Total Required Office System Technology Course Credits	31
Total Elective Credits	9
A.A.S. Degree, Office System Technology, Total Required Credits	62

Paralegal

Associate of Applied Science

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. Paralegals are not authorized to practice law in any way, as the practice of law is restricted to persons who are licensed by this or any other state.   Any act that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

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 must consult with an academic advisor. Students wishing to continue in a baccalaureate degree program after completing their associate 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. (Exceptions: PAR 209 at CCA only, and any listed in the CCA schedule offered at CCA only. Consult the Program Coordinator before taking any online class other than PAR 209.)

Paralegal Associate of Applied Science Degree: 60 credits
General Education Requirements: 30 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics or Science

(3 credits)
Choose one course from GT-MA1 or GT-SC1

(GT-MA1)

Course #	Course Title	Credits
MAT 120	Mathematics for Liberal Arts	4
MAT 121	College Algebra	4
MAT 122	College Trigonometry	3
MAT 123	Finite Math	4
MAT 125	Survey of Calculus	4
MAT 135	Introduction to Statistics	3
MAT 166	Pre-Calculus	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203	Calculus III	4
MAT 204	Calculus III with Engineering Applications	5
MAT 215	Discrete Mathematics	4
MAT 261	Differential Equations with Engineering Applications	4
MAT 265	Differential Equations	3

(GT-SC1)

Course #	Course Title	Credits
AST 101	Astronomy I	4
AST 102	Astronomy II	4
BIO 105	Science of Biology	4
BIO 111	General College Biology I with Lab	5
BIO 112	General College Biology II with Lab	5
BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 204	Microbiology	4
BIO 208	General College Microbiology	5
BIO 220	General Zoology	5
BIO 221	Botany	5
CHE 101	Introduction to Chemistry I with Lab	5
CHE 102	Introduction to Chemistry II with Lab	5
CHE 105	Chemistry in Context	5
CHE 111	General College Chemistry I with Lab	5
CHE 112	General College Chemistry II w/ Lab	5
ENV 101	Introduction to Environmental Science	5
ENV 110	Natural Disasters	3
GEY 108	Geology of U.S. National Parks	3
GEY 111	Physical Geology	4
GEY 112	Historical Geology	4
GEY 135	Environmental Geology	4
MET 150	General Meteorology	4
NRE 251	General Oceanography I	4
PHY 105	Conceptual Physics	4
PHY 107	Energy Science and Technology	4
PHY 111	Physics: Algebra-based I with Lab	5
PHY 112	Physics: Algebra-based II with Lab	5
PHY 211	Physics: Calculus-Based I with Lab	5
PHY 212	Physics: Calculus-Based II with Lab	5
SCI 155	Integrated Science I	4
SCI 156	Integrated Science II	4

Social and Behavioral Sciences

(9 credits)
Choose 3 courses from at least 2 different categories (GT-HI1, GT-SS1, GT-SS2, GT-SS3)

Course #	Course Title	Credits
(GT-HI1)		
HIS 101	Western Civilization: Antiquity - 1650	3
HIS 102	Western Civilization: 1650 - Present	3
HIS 111	The World: Antiquity - 1500	3
HIS 112	The World: 1500 - Present	3
HIS 121	U.S. History to Reconstruction	3
HIS 122	U.S. History Since the Civil War	3
HIS 205	Women in World History	3

HIS 207	American Environmental History	3
HIS 208	American Indian History	3
HIS 215	Women in U.S. History	3
HIS 225	Colorado History	3
HIS 236	U.S. History Since 1945	3
HIS 243	History of Modern China	3
HIS 244	History of Latin America	3
HIS 245	U.S. In the World	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 250	African American History	2
HIS 255	The Middle Ages	3
HIS 260	U.S. Foreign Relations History	3

(GT-SS1)

AGE 102	Agricultural Economics	3
ECO 101	Economics of Social Issues	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 211	Gender in the Economy	2
ECO 245	Environmental Economics	3
POS 105	Introduction to Political Science	3
POS 111	American Government	3
POS 125	American State and Local Government	3
POS 205	International Relations	3
POS 225	Comparative Government	3

(GT-SS2)

GEO 105	World Regional Geography	3
GEO 106	Human Geography	3
GEO 111	Physical Geography - Landforms	4
GEO 112	Physical Geography - Weather and Climate	4

(GT-SS3)

ANT 101	Cultural Anthropology	3
ANT 102	Cultural Anthropology Lab	1
ANT 103	Archaeology Lab	1
ANT 104	Physical Anthropology Lab	
ANT 107	Introduction to Archaeology	3
ANT 108	Archaeology of World Rock Art	3
ANT 111	Physical Anthropology	3
ANT 201	Introduction to Forensic Anthropology	3
ANT 215	Indians of North America	3
ANT 250	Medical Anthropology	3
AGR 260	World Independence: Population and Food	3
COM 220	Intercultural Communication	3
ETH 200	Introduction to Ethnic Studies	3
JOU 105	Introduction to Mass Media	3
PSY 101	General Psychology I	3
PSY 102	General Psychology II	3
PSY 205	Psychology of Gender	3
PSY 217	Human Sexuality	3
PSY 226	Social Psychology	3
PSY 227	Psychology of Death and Dying	3
PSY 235	Human Growth and Development	3
PSY 238	Child Development	3
PSY 240	Health Development	3
PSY 249	Abnormal Psychology	3
PSY 265	Psychology of Personality	3
SOC 101	Introduction to Sociology I	3
SOC 102	Introduction to Sociology II	3
SOC 205	Sociology of Family Dynamics	3
SOC 207	Environmental Sociology	3
SOC 215	Contemporary Social Problems	3
SOC 216	Sociology of Gender	3
SOC 218	Sociology of Diversity	3
SOC 220	Sociology of Religion	3
SOC 231	The Sociology of Deviant Behavior	3
SOC 237	Sociology of Death and Dying	3

WST 200	Introduction to Women's Studies	3
WST 225	Women and Social Action	3
WST 240	Goddesses & Women of the Ancient World	3
WST 249	Women's Sexuality	3

Arts and Humanities

(9 credits)

Choose 3 different courses from at least 2 different categories

Course #	Course Title	Credits
(GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
MUS 123	Survey of World Music	3
MUS 125	History of Jazz	3
THE 105	Theatre Appreciation	3
THE 108	Theatre Script Analysis	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
THE 215	Playwriting	3
(GT-AH2)		
HUM 115	World Mythology	3
HUM 121	Humanities I	3
HUM 122	Humanities II	3
HUM 123	Humanities III	3
LIT 115	Introduction to Literature	3
LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3
(GT-AH3)		
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religions	3
PHI 115	World Religions West	3
PHI 116	World Religions East	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
(GT-AH4)		
FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3
Total General Education Credits		**30**

Paralegal Required Courses: 21 credits

Course #	Course Title	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

Note: Students may take either Torts or Criminal Law to meet the emphasis requirements or they may take both courses, one as an elective.

Total Paralegal Required Courses	21

Paralegal Electives: 9 credits
Select 3 courses

Course #	Course Title	Credits
PAR 116	Torts (see note above)	3
PAR 117	Family Law	3
PAR 125	Family Law	3
PAR 205	Criminal Law (see note above)	3
PAR 206	Business Organizations	3
PAR 207	Current Issues in Law	3
PAR 208	Probate and Estates	3
PAR 209	Constitutional Law	3
PAR 216	Employment Law	3
PAR 218	Bankruptcy Law	3
PAR 227	Immigration Law	3
PAR 275	Special Topics	3
PAR 280	Internship	3
	OR	
PAR 285	Independent Study	3
	OR	
Any other PAR elective offered in the schedule		

Total Paralegal Electives	9
Total General Education Required Credits	30
Total Paralegal Required Courses	21
Total Paralegal Electives	9
A.A.S. Degree, Paralegal Total Required Credits	60

Paramedicine

Associate of Applied Science

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

Paramedicine Associate of Applied Science Requirements: 60 credits
General Education Requirements: 16 credits

English
(3 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3

Mathematics
(3 credits)

Course #	Course Title	Credits
MAT 107	Career Mathematics	3

Science
(10 credits)

Course #	Course Title	Credits
BIO 201	Human Anatomy and Physiology I with Lab	4
BIO 202	Human Anatomy and Physiology II with Lab	4
HPR 178	Medical Terminology	2
General Education Credits		**16**

Requirement Paramedicine: 45 credits

Course #	Course Title	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
Required Total Credits		**45**

Total General Education Credits	16
Total EMS Credits	45
A.A.S. Degree, EMS/Paramedicine Total Required Credits	61

Programming

Associate of Applied Science

The objective of this degree is to prepare students with the skills necessary for entry-level programming positions.

CIS: Programming Associate of Applied Science Degree: 60 credits
General Education Requirements: 16 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communications	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Social Sciences

(3 credits)

Course #	Course Title	Credits
ECO 201	Principles of Macroeconomics	3

General Education Credits   16

Required Core Courses for Programming Degrees: 12 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 128	Operating System Using Windows 7	3
CNG 101	Introduction to Networking	3
CSC 119	Introduction to Programming (effective Spring 2014)	3

Required Core Course Credits   12

Required Courses for Emphasis in Programming: 20 credits

Course #	Course Title	Credits
CIS 243	Introduction to SQL	3
CIS 268	System Analysis and Design I	3
CSC 160	Computer Science I (C++)	4
CSC 161	Computer Science II (C+++	4
CSC 240	Java Programming	3
CSC 241	Advanced Java Programming	3

Required Course Credits   20

Elective Courses for Emphasis in Programming: 12-14 credits

Course #	Course Title	Credits
CIS 118	Introduction to PC Applications	3
CSC 154	Visual Basic NET Program	3
CSC 254	Advanced Visual Basic NET Programming (ASP Net)	3
CSC 236	C# Programming	3
CSC 237	Advanced C# Programming	3
CSC 246	Mobile App Development	3
CWB 110	Complete Web Authoring (HTML)	3
CWB 205	Complete Web Scripting (JavaScript)	3

Elective Programming Course Credits	12-14
Total General Education Credits	16
Total Required Core Courses for Programming Degree Credits	12
Total Required Programming Course Credits	20
Total Elective Credits	12-14
A.A.S. Degree, Programming, Total Required Credits	60

ARTICULATED DEGREE WITH METROPOLITAN STATE UNIVERSITY

Degrees Offered

Computer Information Systems Transfer Distinction Metropolitan State College of Denver

Associate of Applied Science

Computer Information Systems Associate of Applied Science Requirements: 60 credits Required Core General Education Requirements for Computer Degrees: 19 credits

English and Communication

(9 credits - GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(4 credits - GT-MA1)

Course #	Course Title	Credits
MAT 121	College Algebra	4

Social Sciences

(6 credits - GT-SS1, GT-SS3)

Course #	Course Title	Credits
POS 105	Introduction to Political Science	3
PSY 101	General Psychology I	3

General Education Credits	**19**

Required Business Courses: 19 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
BUS 216	Legal Environment of business	3
BUS 217	Business Communication and Report Writing	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
MAR 216	Principles of Marketing	3

Required Business Course Credits	**19**

Required Core Courses in Computers: 22 credits

Course #	Course Title	Credits
CIS 118	Introduction to PC Applications	3
CIS 267	Management of Information Systems	3
CSC 116	Logic and Program Design (through Fall 2013) **OR**	3
CSC 119	Introduction to Programming (effective Spring 2014)	3
CNG 121	Computer Technician I: A+	4
CNG 122	Computer Technician II: A+	4
CNG 260	CISCO Network Associate I	5

Required Computer Course Credits	**22**
Total General Education Credits	**19**
Total Required Business Courses Credits	**19**
Total Required Computer Information Systems Course Credits	**22**
A.A.S. Degree, Computer Information Systems, Transfer MSCD, Total Required Credits	**60**

ARTICULATED DEGREE WITH REGIS UNIVERSITY

Degrees Offered

Management with Paralegal Emphasis

Associate of Applied Science

CROSSWALK

General Education Requirements: 42 credits

English and Communication

(9 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3
ENG 122	English Composition II	3
COM 115	Public Speaking	3

Mathematics

(3 credits)

Course #	Course Title	Credits
MAT 121 or higher		3

Natural Science

(3 credits)
Select from the following:

Course #	Course Title	Credits
AST, BIO, CHE, GEY, PHY 105 and higher		3

Social and Behavioral Sciences

(6 credits)
Select from the following:

Course #	Course Title	Credits
ANT, CRJ, ECO 118, EDU 221-275, GEO, HIS, POS, PSY		3
	AND	
SOC 101	Introduction to Sociology I	3
	OR	
SOC 102	Introduction to Sociology II	3

Arts and Humanities

(18 credits)
Select from the following:

Course #	Course Title	Credits
ART, HUM, JOU, LIT, MUS 100-212, 241-242, THE 110-245, Foreign Languages 211 or 212		6
Select 2 PHI courses from the following: PHI 111, Introduction to Philosophy, PHI 112, Ethics, or PHI 113, Logic		6
	AND	
PHI 115	World Religions - West	3
PHI 116	World Religions - East	3

Global Issues

(3 credits)
Choose one course from:

Course #	Course Title	Credits
ANT 101, ANT 215, GEO 105, HIS 101-112, HIS 246-249, POS 205, POS 225, Foreign Language 211 or 212		3
General Education Credits		**42**

Core Requirements: 28 credits

Course #	Course Title	Credits
ACC 121	Principles of Accounting I	4
BUS 203	Introduction to International Business	3
BUS 216	Legal Environment of Business I	3
BUS 226	Business Statistics	3
ECO 201	Principles of Microeconomics	3
ECO 202	Principles of Macroeconomics	3
MAN 226	Principles of Management	3
MAN 200	Human Resources Management I	3
MAN 215	Organizational Behavior	3

Paralegal Requirements: 21 credits

Course #	Course Title	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

Paralegal Electives: 9 credits

Course #	Course Title	Credits
MED 101, PAR 116, PAR 117, PAR 125, PAR 205, PAR 206, PAR 207, PAR 208, PAR 209, PAR 216, PAR 218 or any other PAR courses approved by the department		9

Total General Education Credits	**42**
Total Core Requirement Credits	**28**
Total Paralegal Requirement Credits	**21**
Total Paralegal Elective Credits	**9**
A.A.S. Degree, Management with Paralegal Emphasis	**60**
Additional Required Credits for Regis Crosswalk	**40**
Total Required Credits	**100**

ARTICULATED WITH PICKENS COLLEGE

Degrees Offered

Respiratory Therapy

Associate of Applied Science

Respiratory Therapy Associate of Applied Science Degree Requirements: 78 credits
General Education Requirements: 26 credits

English and Communication

(3 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3

Mathematics

(4 credits)

Course #	Course Title	Credits
MAT 107	Career Mathematics	3

Social and Behavioral Sciences

(3 credits)

Course #	Course Title	Credits
PSY 101	General Psychology I	3

Natural and Physical Sciences

(3 credits)

Course #	Course Title	Credits
CHE 101	Introduction to Chemistry I with Lab	5
BIO 201	Human Anatomy and Physiology I	4
BIO 202	Human Anatomy and Physiology II	4
BIO 204	Microbiology	4

General Education Credits   26

RCA Major Requirements to be taken at Pickens Technical College: 52 credits

Course #	Course Title	Credits
RCA 105	Introduction to Respiratory Care	1
RCA 121	Fundamentals of Clinical Skills	3
RCA 132	Basic Techniques in Respiratory Care II	5
RCA 151	Cardiopulmonary Anatomy and Physiology	3
RCA 152	Cardiopulmonary Pathology	4
RCA 161	Cardiopulmonary Diagnostics I	1
RCA 165	Pharmacology of Cardiopulmonary Care	3
RCA 230	Critical Care I	2
RCA 251	Critical Care II	3
RCA 252	Cardiopulmonary Diagnostics II	1
RCA 253	Perinatal/Pediatric Respiratory Care	3
RCA 259	Advanced Mechanical Ventilation	3
RCA 232	Advanced Monitoring	2
RCA 281	Internship II	9
RCA 283	Internship III	9

RCA Required Degree Credits   52

General Education Credits   26

RCA Required Degree Credits   52

A.A.S. Degree, Respiratory Therapy, Total Required Credits   78

ARTICULATED WITH UNIVERSITY OF COLORADO

Degrees Offered
Associate of General Studies Degree - Integrated Nursing Pathway

Associate of General Studies Degree - Integrated Nursing Pathway

Associate of General Studies

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 Studies from Community College of Aurora within the Program. This is a selective program. Students may apply to the Integrated Nursing Pathway when program prerequisite requirements are close to being completed.

Students interested in this program may contact Jennifer Vander Meer, Dean of Health Sciences at Jennifer.Vandermeer@ccaurora.edu or call 303.340.7129 to schedule an appointment.

Associate of General Studies Degree: 62 credits Program Prerequisite Requirements for Integrated Nursing Pathway: 32 credits

English and Communication

(3 credits)

Course #	Course Title	Credits
ENG 121	English Composition I	3

Mathematics

(7 credits)

Course #	Course Title	Credits
MAT 121	College Algebra	4
MAT 135	Introduction to Statistics	3

Natural and Physical Sciences

(10 credits)

Course #	Course Title	Credits
BIO 111	General College Biology I with Lab	5
CHE 101	Introduction to Chemistry I with Lab	5

Social and Behavioral Sciences

(9 credits)

Course #	Course Title	Credits
ANT 101	Cultural Anthropology	3
PSY 101	General Psychology I	3
SOC 101	Introduction to Sociology I	3

Arts and Humanities

(3 credits)

Select 1 course

Course #	Course Title	Credits
Category I (GT-AH1)		
ART 110	Art Appreciation	3
ART 111	Art History - Ancient to Medieval	3
ART 112	Art History - Renaissance to Modern	3
ART 207	Art History, 1900-Present	3
DAN 125	History of Dance	3
MUS 120	Music Appreciation	3
MUS 121	Music History I	3
MUS 122	Music History II	3
THE 105	Theatre Appreciation	3
THE 211	Development of Theatre I	3
THE 212	Development of Theatre II	3
Required Prerequisite Credits		**32**

Note: Colorado Minimum Academic Preparation Standards (MAPS) for foreign language – two years of high school or two college semesters of the same foreign language will be applied to the Integrated Pathway Program.

Required Pathway Courses: 30 credits

Application to Integrated Nursing Pathway is required

Course #	Course Title	Credits
ENG 122	English Composition II	3
BIO 201	Human Anatomy & Physiology I with Lab	4
BIO 202	Human Anatomy & Physiology II with Lab	4
BIO 204	Microbiology with Lab	4
PSY 235	Human Growth & Development	3
HPR 209	Pathway to Professional Nursing: Quality Improvement and Safety I	3
HIS 247	20th Century World History	3
HWE 100	Human Nutrition	3
HPR 275	Special Topics - Pathway to Professional Nursing: Quality Improvement and Safety II	3
Required Integrated Nursing Pathway Credits		**30**
Total Required Pre-Requisite Credits		**32**
Total Required Integrated Nursing Pathway Credits		**30**
A.G.S. Degree, Integrated Nursing Pathway Total Required Credits		**62**

ASSOCIATE OF SCIENCE DEGREE - ARTICULATION WITH COLORADO SCHOOL OF MINES

Associate of Science Degree

Associate of Science Degree: 60 credits
General Education Core Requirements: 39 credits

English and Communication

(9 credits – GT-CO1, GT-CO2)

Course #	Course Title	Credits
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
	AND	
COM 115	Public Speaking	3
	OR	
COM 125	Interpersonal Communication*	3
	OR	
COM 220	Intercultural Communication	3

Mathematics

(3 credits – GT-MA1)
Credits over 3 will count as electives.

Course #	Course Title	Credits
MAT 201	Calculus I	5

Arts and Humanities

(6 credits)

Course #	Course Title	Credits
PHI 218	Environmental Ethics	3

Select one 200 level guaranteed transfer Arts & Humanities course from GT-AH2 or GT-AH4

Category II (GT-AH2)

LIT 201	World Literature to 1600	3
LIT 202	World Literature after 1600	3
LIT 205	Ethnic Literature	3
LIT 211	American Literature to Civil War	3
LIT 212	American Literature after Civil War	3
LIT 221	British Literature to 1770	3
LIT 222	British Literature after 1770	3
LIT 225	Introduction to Shakespeare	3
LIT 259	Survey of African American Literature	3
LIT 268	Celtic Literature	3

Category IV (GT-AH4)

FRE 211	French III	3
FRE 212	French IV	3
GER 211	German III	3
GER 212	German IV	3
ITA 211	Italian III	3
ITA 212	Italian IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3
RUS 211	Russian III	3
RUS 212	Russian IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3

Social and Behavioral Sciences

(9 credits)

Course #	Course Title	Credits
HIS 247	20th Century World History	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

Natural and Physical Sciences

(12 credits – GT-SC1)

Course #	Course Title	Credits
CHE 111	General College Chemistry I with Lab	5
PHY 211	Physics: Calculus Based I with Lab	5
One additional GT-SC1 from list of electives below (credits over 2 will count as electives)		2

Associate of Science Degree Electives: 21 credits

Course #	Course Title	Credits
MAT 202	Calculus II	5
MAT 204	Calculus III with Engineering Applications	5
MAT 261	Differential Equations with Engineering Applications (preferred)	3
	OR	
MAT 265	Differential Equations	3
PED XXX	4 Semesters of Physical Education courses	4
CHE 112	General College Chemistry II with Lab	5
BIO 111	Biology I	5
	AND	
ENV 101	Environmental Science	4
CSC 116	Logic and Program Design (through Fall 2013)	3
	OR	
CSC 119	Introduction to Programming (effective Spring 2014)	3
	OR	
CSC 145	Programming Fundamentals	3
PHY 212	Physics: Calculus Based with Lab	5
GEY 111	Physical Geology, with Lab	4
CHE 211	Organic Chemistry I with Lab	5
CHE 212	Organic Chemistry II with Lab	5

Total General Education Core Credits	**39**
Total Elective Credits	**21**
A.S. Degree Total Required Credits	**60**

CERTIFICATES

Art and Design Foundations Studies Certificate

Certificate

This certificate offers students a rigorous foundation in the core areas of art and design, including drawing, creativity, design, technology, and presentation. This certificate is modeled after the first year of many art and design schools who require their students to complete a foundational curriculum before they can specialize in a specific area. As such, it offers students the opportunity to explore the creative fields and their own strengths before they determine a degree path. Students will develop a portfolio that will prepare them for entrance into various BFA programs. Students will also be prepared to complete an associates degree in Fine Art, Illustration, or Graphic Design at CCA.

Certificate Requirements: 24 credits

ART 111	Art History I	3
ART 112	Art History II	3
ART 121	Drawing I	3
ART 131	Visual Concepts 2-D Design	3
ART 132	Visual Concepts 3-D Design	3
ART 134	Visual Concepts 4-D Design	3
MGD 106	Creativity and Visual Thinking	3
ART 128	Figure Drawing I	3
	OR	
ART 221	Drawing II	3

Total Arts and Design Foundations Studies Certificate Credits   24

Basic Law Enforcement Training Academy

Certificate

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 http://www.ago.state.co.us/post/Misdemeanors.pdf.

    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 a 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.

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 Accuplacer assessment test, conducted on the CCA campus (check with the Learning Resource Center for times and location) with a score of 84 or higher on the written and reading portions, or show similar proof of English reading and writing proficiency by a transcript of relevant completed English college-level courses (ENG 090 or higher) 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 by the completion date of the academy.

Certain other conditions apply. For more information call the Academy Program Director at 303-340-7211, 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:

Course #	Course Title	Credits
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	First Responder	3

PED 112	Fitness Center Activity III	1
Police Academy Certificate Total Required Credits		**39**

Business Certificate: Full Charge Bookkeeping
Certificate

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.

Required Courses for Business: Full Charge Bookkeeping Certificate: 22-23 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3
BUS 217	Business Communication & Report Writing	3
CIS 108	Learning MS Excel	1
ACC 101	Fundamentals of Accounting **OR**	3
ACC 121	Accounting Principles I	4
ACC 115	Payroll Accounting	3
ACC 125	Computerized Accounting I	3
ACC 135	Spreadsheet Applications for Accounting	3

Full Charge Bookkeeping Certificate Total Credits		**22-23**

Business Certificate: General Business
Certificate

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.

Required Business Courses for Business: General Business Certificate: 20 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3
BUS 217	Business Communication & Report Writing	3
ACC 121	Accounting Principles I	4
ACC 122	Accounting Principles II	4
BUS 226	Business Statistics	3
General Business Certificate Total Credits		**20**

Business Certificate: Human Resource Management

Certificate

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.

Required Core Courses for Business: Human Resource Management Certificate: 18 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3
BUS 217	Business Communication & Report Writing	3
MAN 156	Problem Solving-Business Environment	3
MAN 200	Human Resources I	3
MAN 201	Human Resources II	3
Human Resource Management Certificate Total Credits		**18**

Business Certificate: Individual Tax Preparation

Certificate

The Business Department's Individual Tax Preparation Certificate introduces the knowledge you need to understand the basics of tax return preparation, and how to use tax software to file tax returns.   You will learn about basic accounting principles and tax regulations, and obtain practical experience serving the public.   If you are currently in the business world, or are looking to transitioning into business, this certificate will provide you with a foundation in individual tax 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.

Required Core Courses for Business: Individual Tax Preparation Certificate: 16 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3
BUS 217	Business Communication & Report Writing	3
ACC 101	Fundamentals of Accounting	3
	OR	
ACC 121	Accounting Principles I	4
ACC 132	Tax Help Colorado	2
ACC 133	Tax Help Colorado Site Practicum	1
Individual Tax Preparation Certificate Total Credits		**16**

Business Certificate: Managerial Accounting

Certificate

The Business Department's Managerial Accounting Certificate introduces the knowledge you need to understand the basics of financial accounting, and how to use accounting information for effective management.   You will learn about basic accounting principles, obtain an understanding of financial statements, income measurement and cost-volume-profit relationships, and evaluate of data for decision making.   If you are currently in the business world, or are looking to transition 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.

Required Core Courses for Business: Managerial Accounting Certificate: 26 credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3
BUS 217	Business Communication & Report Writing	3
ACC 121	Accounting Principles I	4
ACC 122	Accounting Principles II	4
ACC 226	Cost Accounting I	3
BUS 226	Business Statistics	3
MAN 225	Managerial Finance	3
Managerial Accounting Certificate Total Credits		**26**

Business Certificate: Marketing

Certificate

The Business Department's Marketing Certificate introduces the knowledge you need to understand the basics of marketing.   Get an overview of marketing with courses on organization behavior, e-commerce and consumer behavior, courses which will provide both a theoretical foundation and practical training that can be used immediately in your current or future position.   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.

Required Business: Marketing Core Courses: 18 Credits

Course #	Course Title	Credits
BUS 115	Introduction to Business	3
BUS 216	Legal Environment of Business	3

BUS 217	Business Communication & Report Writing	3
MAR 216	Principles of Marketing	3
MAR 217	E-Commerce	3
MAR 235	Consumer Behavior	3
Marketing Certificate Total Required Credits		**18**

Business Certificate: Real Estate

Certificate

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.

Business: Real Estate Certificate Requirements: 12 credits

Course #	Course Title	Credits
REE 201	Real Estate Broker I	6
REE 202	Real Estate Broker II	6
Real Estate Certificate, Total Credits		**12**

Community Health Worker

Certificate

The goal of the Community Health Worker Certificate Program is to prepare and train individuals for positions in community-oriented health and social services agencies and programs, provide health education, information and referrals, and client advocacy in both clinic and community settings. The program emphasizes health education and promotion as well as specific competencies for work in underserved and/or linguistically isolated communities.
The program is a combination of lecture and practical exercises in a simulation laboratory and actual community and clinical settings.   Upon successful completion of this program, students will receive a certificate of completion as a Community Health Worker.

Financial Aid Pending
General Education:
English 3 credits

Course #	Course Title	Credits
ENG 121	English Composition I	3

Social and Behavioral Sciences 6 credits

Course #	Course Title	Credits
PSY 101	General Psychology I	3
PSY 235	Human Growth and Development	3

Certificate Requirements: 16 credits

Course #	Course Title	Credits
CHW 100	Introduction to Community Health	2
	Work	
CHW 120	Community Health Issues	3
CHW 130	Community Health Resources	3
HWE 103	Community First Aid and CPR	1
CHW 135	Basics of Chronic Disease	1.5
CHW 136	Psych Impact of Chronic Disease	1
CHW 137	End-of-Life/Paliative Cate	.5
CHW 138	Patient Navigation	3
HPR 178	Medical Terminology	2
CHW 297	Community Health Worker Field Experience	2
COM 126	Communication in Healthcare	3
HPR 106	Law and Ethics for Health Professionals	2
General Education credits		**9**
Required credits		**24**
Community Health Worker Certificate, Total Credits		**33**

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 industry certification CCNA. In addition, the courses are part of the AAS CIS Networking Emphasis 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
CISCO Certificate Total Credits		**20**

Computer: Basic Networking and Security

Certificate

This certificate program prepares student 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

Course #	Course Title	Credits
CIS 118	Introduction to PC Applications	3
CIS 267	Management of Information Systems	3
CNG 101	Introduction to Networking	3
CNG 124	Networking I: Network+	3
CNG 132	Network Security Fundamentals	3
CNG 260	CISCO Network Associate I	5
Basic Networking and Security Certificate Total Credits		**20**

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.

Certificate Requirements: 23 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 118	Introduction to PC Applications	3
CIS 263	PC Help Desk Skills	3
CNG 121	Computer Technician I: A+	4
CNG 122	Computer Technician II: A+	4
CNG 130	PC Technology	3
CSC 119	Introduction to Programming	3
IT and Tech Support Certificate, Total Required Credits		**23**

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.

Financial Aid Pending
Certificate Requirements: 30 credits

Course #	Course Title	Credits
CIS 118	Introduction to PC Applications	3
CIS 135	Complete PC Word Processing (Word)	3
CIS 145	Complete PC Database (Access)	3
CIS 155	PC Spreadsheet Concepts (Excel)	3
CIS 165	Complete Presentation Graphics (Power Point)	3
CIS 167	Desktop Publishing (InDesign)	3
BUS 115	Introduction to Business	3
BTE 257	Managing Office Technology	3
BUS 217	Business Communication and Report Writing	3
BTE 225	Office Management	3
Office Administration Certificate Course Credits		**30**

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.

Financial Aid Pending
Certificate Requirements: 24 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information Systems	3
CIS 118	Introduction to PC Applications	3
CIS 128	Operating System: Using Windows 7	3
CIS 135	Complete PC Word Processing (Word)	3
CIS 145	Complete PC Database (Access)	3
CIS 155	PC Spreadsheet Concepts (Excel)	3
CIS 165	Complete Presentation Graphics (PowerPoint)	3
CIS 167	Desktop Publishing; (Software)	3
PC Application Specialist Certificate, Total Credits		**24**

Computer: Programming

Certificate

This certificate program prepares students with the skills and knowledge to become an entry level programmer using one of four popular modern programming systems.   The students earning this certificate from CCA may apply their classes to the AAS CIS with an emphasis in Programing degree.

Certificate Requirements: 18-20 credits

Course #	Course Title	Credits
CIS 115	Introduction to Computer Information System	3
CIS 128	Operating Systems: Using Window 7	3
CSC 119	Introduction to Programming	3
CIS 243	Introduction to SQL	3
CSC 160	Computer Science I (C++) **AND**	4
CSC 161	Computer Science II (C++) **OR**	4
CSC 236	C# Programming **AND**	4
CSC 237	Advanced C# Programming **OR**	4
CSC 154	Visual Basic.NET Programming **AND**	3
CSC 254	Advanced Visual Basic.NET Programming **OR**	3
CSC 240	Java Programming **AND**	3
CSC 241	Advanced Java Programming	3
Programming Certificate, Total Credits		**18-20**

Computer: Web/Mobile App Development

Certificate

This certificate program prepares students with the skills and knowledge to become a web and mobile application developer, equally adept at HTML authoring, client-side (JavaScript) programming, server-side (ASP.NET) programming, and mobile app development. The students earning this certificate from CCA may apply their classes to the AAS CIS with an emphasis in Programing degree.

Certificate Requirements: 21-23 credits

Course #	Course Title	Credits
CWB 110	Complete Web Authoring (HTML)	3

CIS 115	Introduction to Computer Information Systems	3
CSC 119	Introduction to Programming	3
CWB 205	Complete Web Scripting (Java Script)	3
CSC 246	Mobile App Development	3
CSC 236	C# Programming **AND**	4
CSC 237	Advanced C# Programming **OR**	4
CSC 154	Visual Basic.NET Programming **AND**	3
CSC 254	Advanced Visual Basic.NET Programming **OR**	3
CSC 240	Java Programming **AND**	3
CSC 241	Advanced Java Programming	3
Web /Mobile App Development Certificate, Total Credits		**21-23**

Criminal Justice Community Policing

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
CRJ 125	Policing Systems	3
CRJ 205	Principles of Criminal Law	3
CRJ 220	Human Relations and Social Conflicts	3
CRJ 230	Criminology	3
Criminal Justice Community Policing Certificate, Total Credits		**12**

Criminal Justice Law

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
CRJ 110	Introduction to Criminal Justice	3
CRJ 205	Principles of Criminal Law	3
CRJ 210	Constitutional Law	3
PSM 130	Homeland Security Law	3
Criminal Justice Law Certificate, Total Credits		**12**

Criminal Justice Operations

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
CRJ 110	Introduction to Criminal Justice	3
CRJ 125	Policing Systems	3
CRJ 135	Judicial Functions	3
CRJ 145	Corrections	3
Criminal Justice Operations Certificate, Total Credits		**12**

Criminal Justice Systems

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
CRJ 110	Introduction to Criminal Justice	3
CRJ 125	Policing Systems	3
CRJ 220	Human Relations and Social Conflicts	3
CRJ 236	Research Methods	3
Criminal Justice Systems Certificate, Total Credits		**12**

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Digital Sculpture and Modeling - (for Concurrent Enrollment Students Only)

Certificate

Certificate Requirements: 15 credits

Course #	Course Title	Credits
MGD 119	Maya I	3
MGD 122	Sculpting for Digital Media	3
MGD 125	3D Modeling for Gaming	3
ART 132	Visual Concepts 3D Design	3
MGD 219	Maya II	3
Digital Sculpture and Modeling, Total Required Credits		**15**

Early Childhood Education - Director

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 30 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: 30 credits

Course #	Course Title	Credits
ECE 101	Introduction to Early Childhood Education	3
ECE 102	Introduction to ECE Lab Techniques	3
ECE 103	Guidance Strategies for Children	3
ECE 111	Infant & Toddler Theory and Practice	3
ECE 205	Nutrition, Health, and Safety	3
ECE 220	Curriculum Development: Methods and Techniques	3
ECE 240	Administration of EC Care and Educational Programs	3
ECE 241	Administration: Human Relations for EC Professions	3
ECE 260	The Exceptional Child	3
PSY 238	Child Development	3
Early Childhood Education Director Certificate, Total Credits		**30**

Early Childhood Education - Early Childhood Teacher, Level I

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

Course #	Course Title	Credits
ECE 101	Introduction to Early Childhood Professions	3
ECE 103	Guidance Strategies for Young Children	3
Early Childhood Education - Early Childhood Teacher, Level Required Certificate Credits		**6**

Early Childhood Education - Early Childhood Teacher Level II

Certificate

Student must complete 16 credit hours of required ECE courses to satisfy the CCA academic requirements.   The Division of Child Care requires 1,395 hours (nine months) of work experience in a group care environment.

Certificate Requirements: 16 credits

Course #	Course Title	Credits
ECE 101	Introduction to Early Childhood Professions	3
ECE 102	Introduction to ECE Lab Techniques	3
ECE 103	Guidance Strategies for Young Children	3
ECE 220	Curriculum Development: Methods and Techniques	3
PSY 238	Child Development	3
ECE 188	Practicum	1
Required Certificate Credits		**16**
Early Childhood Education - Early Childhood Teacher Level II Certificate Total Credits		**16**

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-Basic to EMT-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.

The Emergency Medical Technician-Basic 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

Certificate Requirements: 12 Credits

Course #	Course Title	Credits
EMS 121	EMT Fundamentals	3
EMS 122	EMT Medical Emergencies	4
EMS 123	EMT Trauma Emergencies	2
EMS 124	EMT Special Considerations	2
EMS 170	EMT/Basic Clinical	1
Emergency Medical Technician, Basic Emphasis Certificate, Total Credits		**12**

Contact the EMS Dept. for information at 303-340-7070 or cindy.smith@ccaurora.edu

Emergency Medical Technician-Paramedicine

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-Basic to EMT-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-Basic certified from another institution, or complete EMS 125, EMS 136, and EMS 170 and earn the EMT-Basic Emphasis Certificate at CCA. Enrollment in EMT-Paramedic level courses require Colorado EMT-B Certification, IV, and CPR Certification.

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

Certificate Requirements: 45 credits

Course #	Course Title	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

Emergency Medical Technician, Paramedic Emphasis Certificate, Total Credits   45

English Second Language Healthcare Bridge

Certificate

The Healthcare Bridge Program is designed to move non-native English speaking students further and faster into healthcare training programs. Rather than offer generic English language courses which are disconnected from a student's area of interest, the Bridge program places English instruction in a specific vocational context to accelerate student learning. The courses were designed to cover the most common areas of difficulty for students who wish to succeed in healthcare training programs. Medical terminology and oral communications are particularly challenging areas for most non-native English speaking students to master.

Upon completion of the program students will have also completed The National Health Science Assessment and Certification Program which provides students with a training-ready certificate signaling the student is better prepared to enter and succeed in a college-level healthcare education program. In addition, students will earn a certificate as a Home Health Assistant. Home health and personal care aides work in a variety of settings. Most work in a client's home; others work in small group homes or larger care communities.

Students will also be required to complete a Service Learning Project and to participate in HOSA, a Career and Technical Student Organization (CTSO).

Financial Aid Pending
Certificate Requirements: 16 credits

Course #	Course Title	Credits
HPR 100	Introduction to Health	3
HPR 116	Computers in Health Care	1
HPR 178	Medical Terminology	2
HPR 179	Seminar	2
HPR 102	CPR for Professionals	.5
HPR 127	Home Health Care Assistants I	1
HPR 129	Home Health Care Assistants II	1
HPR 275	Special Topics	3
HPR 175	Special Topics	.5
HPR 208	Advanced Medical Terminology	2

English Second Language Healthcare Bridge Certificate, Total Credits   16

Film Video Media Core

Certificate

The Film Video Media and Certificate programs are designed for students seeking professional preparation for careers in Film, Video, and related industries. Students will be prepared for employment in the television, industrial video, network, cable, and internet production, commercial production, educational video, and feature film production industries, or for entry into graduate study programs.

Students entering into the Film Video Media Program are first required to take the common core certificate classes. Upon completion of the core, students proceed to their degree or certificate emphasis.

(15 credits)

Course #	Course Title	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

Film Video Media Core Certificate Credits   15

Film Video Media: Acting/Directing for the Screen

Certificate

General Education: English 3 credits

Course #	Course Title	Credits
ENG 121	English Composition I	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Acting for the Screen: 30 credits

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation Techniques	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	Actor Movement & Action	3
FVM 227	History of Acting	3
FVM 228	Screen Actor Movement/Action II	3
FVM 251	Feature Script Analysis	3

Total General Education credits   3

Course #	Course Title	Credits
Total Core Credits		**15**
Total Emphasis Credits		**30**
Total Required Credits		**48**

Film Video Media: Cinematography/Videography

Certificate

General Education: English 3 credits

Course #	Course Title	Credits
ENG 121	English Composition I	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Course #	Course Title	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
FVM 213	Cinematography	3
FVM 220	16mm/HD Production	3
FVM 273	Professional Documentary Production	3
	FVM Cinematography Elective*	6

* See department for approved FVM electives based on major.

Course #	Course Title	Credits
Total General Education Credits		**3**
Total Core Credits		**15**
Total Emphasis Requirements		**30**
Film Video Media: Cinematography/Videography Certificate, Total Required Credits		**48**

Film Video Media: Post-Production

Certificate

General Education: English   3 credits

Course #	Course Title	Credits
ENG 121	English Composition I	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Course #	Course Title	Credits
MGD 111	Photoshop for Editors	3
FVM 164	Digital Editing: FCP	3
FVM 165	Digital Editing: Avid	3
FVM 200	Video Production II	3
FVM 208	Sound for Film & Video	3
FVM 215	Video Post Production II	3
FVM 248	Post Production Sound	3
FVM 264	Digital Effects	3
FVM 287	Internship	3
	FVM Post Production Elective *	3

* FVM Post Production electives include Maya I/II, Previsualization, Advanced Composition, Color and Motion, Color Correction or other department approved courses.

Course #	Course Title	Credits
Total General Education Credits		**3**
Total Core Credits		**15**
Total Emphasis Requirements		**30**
Film Video Media: Post-Production Certificate, Total Required Credits		**48**

Film Video Media: Writing/Directing

Certificate

General Education: English: 3 credits

Course #	Course Title	Credits
ENG 121	English Composition	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Writing/Directing Emphasis: 30 credits

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation **OR**	3
FVM 206	Film/Video Lighting	3
FVM 155	Writing the Short Script	3
FVM 200	Video Production II	3
FVM 220	16mm HD Production	3
FVM 202	Film/Video Business	3
FVM 205	Camera Techniques	3
FVM 207	Directing Workshop	3
FVM 215	Video Post Production II	3
FVM 250	Writing for Broadcast Media	3
FVM 251	Feature Script Analysis	3

Course #	Course Title	Credits
Total General Education		**3**
Total Core Credits		**15**
Total Emphasis Requirements		**30**
Film Video Media: Writing/Directing Certificate Total Credits		**48**

Film Video Media: Writing/Producing

Certificate

General Education: English 3 credits

Course #	Course Title	Credits

Course #	Course Title	Credits
ENG 121	English Composition I	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Writing/Producing Emphasis: 30 credits

Course #	Course Title	Credits
FVM 155	Writing the Short Script	3
FVM 200	Video Production II	3
FVM 202	Film/Video Business	3
FVM 209	Production Management	3
FVM 216	Producing the Independent Film	3
FVM 220	16mm/HD Production	3
FVM 236	Creative Producing	3
FVM 250	Writing for Broadcast Media	3
FVM 251	Feature Script Analysis	3
FVM 273	Professional Documentary Productions **OR**	3
FVM 287	Internship	3

Total General Education Credits		**3**
Total Core Credits		**15**
Total Emphasis Requirements		**30**
Film Video Media: Writing/Producing Certificate Total Required Credits		**48**

Film Video Media: Screenwriting Emphasis

Certificate

General Education: English: 3 credits

Course #	Course Title	Credits
ENG 121	English Composition	3

Film Video Media Core: 15 credits

Course #	Course Title	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

Course #	Course Title	Credits
FVM 118	Screen Actor Improvisation	3
FVM 155	Writing the Short Script	3
FVM 202	Film/Video Business **OR**	3
FVM 216	Producing the Independent Film	
FVM 236	Creative Producing	3
FVM 250	Writing for Broadcast Media	3
FVM 251	Feature Script Analysis	3
FVM 252	Writing the Independent Feature	3
FVM 262	Writing the Hollywood Feature	
FVM 268	Feature Rewrites Workshop	3
FVM 269	Screenwriter's Workshop	3
	FVM Elective *	3

* See department for approved FVM electives based on major.

Total General Education Credits		**3**
Total Core Credits		**15**
Total Emphasis Requirements		**30**
Film Video Media: Screenwriting Emphasis Certificate Total Credits		**48**

Fire Science Technology

Certificate

Certificate Requirements: 33 credits

Course #	Course Title	Credits
FST 100	Firefighter I	9
FST 101	Fighter II	6
FST 102	Intro to Fire Science and Support	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 Inspection Practices	3
FST 107	Hazardous Materials Operations (Level I)	3
Fire Science Technology Certificate, Total Credits		**33**

Fire Science Technology: Fire and Explosion Investigation

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
FST 209	Fire Protection Systems	3
FST 204	Principles of Code Enforcement	3
FST 205	Fire Investigation I	3
FST 252	Fire Investigation II	3
Fire Science Technology Fire and Explosion Investigation Certificate, Total Credits		**12**

Fire Science Technology: Hazardous Materials

Certificate

Certificate Requirements: 12 credits

Course #	Course Title	Credits
FST 107	Hazardous Materials Operations (Level 1)	3
FST 204	Principles of Code Enforcement	3
FST 253	NIMS	3
FST 254	HazMat Technician Level	3
Fire Science Technology Hazardous Materials Certificate, Total Credits		**12**

Fire Science Technology: Technical Rescue

Certificate

Certificate Requirements: 11 credits

Course #	Course Title	Credits
FST 121	Technical Rope Rescue	4
FST 132	Structural Collapse	2
FST 133	Trench Rescue	2
FST 134	Confined Space Rescue	2
FST 275	Special Topics - Introduction to Technical Rescue	1
Fire Science Technology Technical Rescue Certificate, Total Required Credits		**11**

Homeland Security:Tactical Operations

Certificate

Certificate Requirements: 16 credits

Course #	Course Title	Credits
PSM 130	Homeland Security Law	3
PSM 132	Threat and Vulnerability Assessment & Counterintelligence	3
PSM 133	Homeland Security: Weapons of Mass Destruction	3
PSM 137	Introduction to Mitigation	3
PSM 204	Terrorism	3
PSM 275	Special Topics/Scenario Exercises	1
Homeland Security: Tactical Operations Certificate Total Required Credits		**16**

Human Performance: Personal Fitness Trainer

Certificate

This program will prepare and train students interested in becoming personal fitness trainers. Students will be prepared and trained to work with the fitness needs of the general public, as well as the public sector including police, fire, and EMS personnel who have specialized fitness training needs. At the completion of the certificate, students will be able to test for the Personal Trainer Certification from the American Council on Exercise.   Must enroll through PED Chair, PED Administrative Assistant, or by their permission through an Advisor.   For enrollment dates, requirements, and restrictions, students need to contact the academy director, Michael Carter, at 303.340.7211.

Required Courses

Course #	Course Title	Credits
HWE 103	Community First Aid and CPR	1
HWE 245	Physiology of Exercise	3
HWE 248	Exercise Testing & Prescription	3
HWE 255	Certified Personal Trainer Preparatory Course	3
HPR 117	Anatomical Kinesiology	3
PED 275	Special Topics	3
Human Performance: Personal Fitness Trainer		**16**

Certificate, Total Credits

Paralegal

Certificate

1. In order to meet ABA requirements, only certain online Paralegal courses are applicable to this certificate.   (Exceptions: PAR 209 at CCA only, and any listed in the CCA schedule offered at CCA only.   Consult the Program Coordinator before taking any online class other than PAR 209.)

2. 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 this degree with the paralegal certificate.

3. You must apply for graduation on the website or at Enrollment Services prior to your final semester.

Certificate Information

This program, approved by the American bar Association (ABA), combines an understanding of legal principles, legal analysis, and ethical considerations with practical applications.

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. Paralegals are not authorized to practice law in any way, as the practice of law is restricted to persons who are licensed by this or any other state. Any act that requires a legal license to perform, unless otherwise authorized by applicable court rules, constitutes unauthorized practice of law.

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) an additional 30 semester hours of academic coursework, including 18 hours of general education, and ENG 121, or the equivalent.**

All students must consult with the Public Service Program Coordinator during their first semester.   Students who have not completed the 30 semester hours of appropriate academic coursework, or received a waiver, must complete the Associate of Applied Science Degree in Management with the Paralegal Emphasis, the Associates of Applied Science - Paralegal Degree, or the Associate of General Studies - Paralegal Degree to receive the Paralegal Certificate.

Certificate Requirements: 30 credits
Emphasis Requirements

Course #	Course Title	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

*Students may take either Torts or Criminal Law to meet the emphasis
requirements, or they may take both courses, one as an elective.*

Paralegal Certificate Required Credits　　21

Electives: 9 credits

Select three courses from the following

Course #	Course Title	Credits
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 209	Constitutional Law	3
PAR 216	Employment Law	3
PAR 227	Immigration Law	3
PAR 275	Special Topics in Paralegal	3
	Or any other PAR course that is offered in the schedule	

Elective Credits　　9

Paralegal Certificate Total Credits　　30

Translation and Interpretation

Certificate

This specialist certificate is intended to prepare functionally bi-lingual students for employment as interpreters and/or transla-tors. Upon completion, students will be able to provide basic in-terpreting and translation services between English and their other language(s). This certificate will be offered in 10-week ses-sions with multiple entries throughout the year.   This certificate is offered in a two-block alternating sequence:

Block 1 (10 weeks):　TRI 101 - TRI 102 - TRI 201
Block 2 (10 weeks):　TRI 103 - TRI 202 - TRI 203

Prerequisites:

1. Provide evidence of proficiency in English with one of the fol-lowing:

   a. ACT score on the English subtest of 19 or above or SAT Verbal score of 440 or above

   b. TOEFL score of 173 on the computer test or 500 on the paper test

   c. Accuplacer placement of ENG 090 or higher

   d. 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

Required Courses: 16 credits

Course #	Course Title	Credits
TRI 101	Introduction to Translation and Interpretation	3
TRI 102	The Business of Translation and Interpretation	2
TRI 103	Ethics for Translators and Interpreters	2
TRI 201	Consecutive Interpretation	3
TRI 202	Simultaneous Interpretation	3
TRI 203	Sight Translation	3

Translation and Interpretation Certificate Credits　　16

Web Tools

Certificate

This one-year certificate is designed to help each student develop a foundation-level understanding of design software tools and web design
applications. The electives can be chosen to give the student an area of focus in either design, business, or programming. This certificate is ideal
for students who wish to supplement an existing design business, update their resume with current software, or create their own website. Most
entry-level positions in the Web Design field require a degree in Design or Programming.

Certificate Requirements: 18 credits

Prerequisite (required for MGD 105, 112, and 141):
MGD 102　　Introduction to Multimedia　　3
This requirement may be waived by submitting the appropriate form to the Art and Design Department.

Web Tools Certificate Required Core Courses:　9 credits

MGD 111	Adobe Photoshop I	3
MGD 141	Web Design I (Dreamweaver)	3
MGD 241	Web Design II (Dreamweaver)	3

Web Tools Certificate Required Credits　　9

Web Tools Certificate Elective Courses:　9 credits

Choose 3 of the following

ART 131	2D Design	3
ART 139	Digital Photography I	3
BUS 115	Introduction to Business	3
CSC 119	Introduction to Programming (effective Spring 2014)	3
CWB 205	Complete Web Scripting	3
CWB 110	Complete Web Authoring (HTML)	3
MGD 105	Type and Layout	3
MGD 112	Illustration I (Illustrator)	3
MGD 211	Photoshop II	3
MGD 268	Business for Creatives	3
MGD 143	Motion Graphics I (Flash)	3

Web Tools Prerequisites　　3
Web Tools Core Course Credits　　9
Web Tools Elective Credits　　9
Web Tools Certificate Total Credits　　18

Certificates of Achievement

Please Note: Certificates of Achievement are not transcripted. See an Advisor with questions.

Communication

Certificate of Achievement

Communication

Course #	Course Title	Credits
ENG 131	Technical Writing I	3
	AND	
ENG 132	Technical Writing II	3
	OR	
ENG 121	English Composition I	3
	AND	
ENG 122	English Composition II	3
COM 115	Public Speaking	3
COM 125	Interpersonal Communication	3

Select three additional classes from the list below		
COM 260	Listening	1
COM 261	Effective Meetings	1
COM 262	Dealing with Difficult People	1
COM 263	Conflict Resolution	1
COM 266	Decision Making	1
COM 267	Teamwork	1
COM 269	Leadership	1
Communication Certificate, Total Credits		**15**

Global Perspectives and Multiculturalism

Certificate of Achievement

This certificate may be completed simultaneously with an A.A., A.S., or A.A.S. degree. Consult with an academic advisor for more information.

Choose at least 15 credits from the following categories.

You must choose credits in at least two categories.

Communication

Course #	Course Title	Credits
COM 220	Intercultural Communication	3

Social and Behavioral Sciences

Course #	Course Title	Credits
ANT 101	Cultural Anthropology	3
ANT 215	Indians of North America	3
ECO 235	International Economics	3
ETH 200	Intro to Ethnic Studies (Required)	3
GEO 105	World Regional Geography	3
HIS 111	The World: Antiquity - 1500	3
	AND	
HIS 112	The World: 1500 - Present	3
HIS 205	Women in World History	3
HIS 247	20th Century World History	3
HIS 249	History of Islamic Civilization	3
HIS 251	History of Christianity through the Reformation	3
POS 205	International Relations	3
POS 225	Comparative Government	3

Arts & Humanities

Course #	Course Title	Credits
LIT 211	American Literature to Civil War	3
	AND	
LIT 212	American Literature after Civil War	3
LIT 205	Ethnic Literature	3
LIT 278	Literature of Immigration	3
HUM 241	Asian Arts and Cultures	3
MUS 123	Survey of World Music	3
PHI 114	Comparative Religions	3

World Language

Course #	Course Title	Credits
WOL 111		5
WOL 112		5
WOL 211		3
WOL 212		3

(American Sign Language, Arabic, Chinese, French, German, Hebrew, Japanese, Russian, Spanish)

Business and Marketing

Course #	Course Title	Credits
MAR 240	International Marketing	3

Criminal Justice

Course #	Course Title	Credits
MED 104	Culture and Conflict Resolution	2

Film Video Media

Course #	Course Title	Credits
FVM 181	Contemporary Global Film	3

Study Abroad/Internship

Course Description	Credits
One semester/3 credit hours of international study abroad or internship	3
Global Perspectives and Multiculturalism Certificate, Total Credits	**15-16**

Language Achievement

Certificate of Achievement

The Language Achievement Certificate is explicit recognition that the student has attained a functional level of proficiency in one of the foreign languages offered at CCA in the World Languages Program, or at one of its high school educational sites.

The certificate is earned upon completion of four courses: 111, 112, 211, and 212. Enrollment in the 212 course is mandatory. Students who test out of the four courses will not be granted the Certificate. All classes must be passed with a grade of "C" or higher. The 111 and 112 courses may be waived upon verification of successful completion of similar competencies at the high school level or by other means, prior to enrollment in the 211 course . The student will receive the Language Achievement Certificate and a detailed description of the level of proficiency acquired upon completing the four courses.

An example of the required courses would be:

Course #	Course Title	Credits
SPA 111		5
SPA 112		5
SPA 211		3
SPA 212		3
Language Achievement Certificate, Total Credits		**16**

Philosophy

Certificate of Achievement

Take five (5) of the seven (7) courses listed below:

Course #	Course Title	Credits
PHI 111	Introduction to Philosophy	3
PHI 112	Ethics	3
PHI 113	Logic	3
PHI 114	Comparative Religion	3
PHI 214	Philosophy of Religion	3
PHI 218	Environmental Ethics	3
PHI 220	Philosophy of Death and Dying	3
Philosophy Certificate, Total Credits		**15**

COURSE DESCRIPTIONS

Academic Achievement Courses

AAA 070 Special Topics
1 Credit hour   15 Contact hours

This course is designed to prepare students for the Accuplacer in reading, English, and/or math.

AAA 075 Student Orientation
0 Credit hours   0 Contact hours

Orientation is a FREE non-credit course which will introduce you to the Community College of Aurora and the services that are provided to assist you with your educational goals.

AAA 090 Academic Achievement Strategies
3 Credit hours   45 Contact hours
Develops personalized approaches to learn and succeed for easier transition to college. Topics include goal-setting, time management, textbook reading strategies, note-taking, test-taking, listening techniques, concentration and memory devices, and critical thinking for student success.
Prerequisite: Assessment Sentence Skills and Reading Skills score of 25+ or ACT English score of 15+ and ACT Reading score of 14+.

Course Note: Does apply to CCA degrees or certificates.

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.

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: Successful completion of ENG 060 or CCR 092, CCR 093, or CCR 094 or appropriate assessment scores.

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 101 or 121 (grade C or higher).

ACC 121 Accounting Principles I
4 Credit hours   60 Contact hours
Introduces the study of accounting principles for understanding the theory and logic that underlie procedures and practices. Major topics include the accounting cycle for service and merchandising companies, special journals, subsidiary ledgers, internal control principles and practices, notes and interest, inventory systems, costing, plant assets, intangible asset accounting, depreciation methods, and practices.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 055 (grade C or higher) or equivalent assessment scores (EA 85, ACT Math 23, SAT Math 513)

ACC 122 Accounting Principles II
4 Credit hours   60 Contact hours
Continues the study of accounting principles as they apply to partnerships and corporations. Major topics include stocks and bonds; investments; cash flow statements; financial analysis; budgeting; and 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 101 or 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 132 Tax Help Colorado
2 Credit hours   30 Contact hours
Prepares the students for preparation of federal and state income tax returns for individuals. Emphasis is placed on form preparation with the use of tax software.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS70, RC60) and successful completion of MAT 055 (grade C or higher) or equivalent assessment scores (EA 85, ACT Math 23, SAT Math 513).

ACC 133 Tax Help Colorado Site Practicum
1 Credit hour   15 Contact hours
This course allows students to prepare actual federal and state income tax returns for individuals in a real time environment.
Prerequisite: Successful completion of ACC 132 (grade C or higher) and the IRS Volunteer Income Tax Preparer's Certification at the Advanced level.

Course Note: Students are required to work a minimum number of 30 hours at the CCA tax site.

ACC 135 Spreadsheet Applications for Accounting
3 Credit hours   45 Contact hours
This course introduces spreadsheets as an accounting tool. Using an accounting perspective, the student applies fundamental spreadsheet concepts. The spreadsheet is used as a problem solving and decision-making tool.

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 215 Accounting Information Systems and E-Business
3 Credit hours   45 Contact hours
Studies the principles, concepts and tools used in the analysis, design, implementation and integration of accounting systems, internal controls systems and accounting procedures. Key elements of system analysis, business systems design, accounting software selection, and the acquisition and implementation of systems are studied. Techniques and systems for electronic control systems, electronic data interchange, electronic funds transfer and web commerce are explored.
Prerequisite: Successful completion of ACC 101 or ACC 121 (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).

ACC 231 Business Taxation
3 Credit hours   45 Contact hours
Introduces students to taxation of business entities and transactions. Topics include taxation of property transactions, various tax issues that apply to different tax entities, tax administration and practice, and the taxation effects of formation, operation, and dissolution of corporations, partnerships, S corporations, trusts and estates.
Prerequisites: Successful completion of ACC 121 (grade C or higher) or equivalent assessment scores.

ACC 232 Auditing
3 Credit hours   45 Contact hours
Studies auditing procedures, standards, and programs; examines financial statements and preparation of audit working papers. Good working relationship features between the internal accountant and external auditor will be analyzed to assist in preparing for audits. This course will focus on the audit process, procedures, and mechanics.
Prerequisite: Successful completion of ACC 122 (grade C or higher).

ACC 275 Special Topics
0-12 Credit hours   0-180 Contact hours
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
Prerequisite: Successful completion of ACC 212 (grade C or higher).

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 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: Students must complete this course with a grade B or higher or pass an ASL proficiency test with a score of at least 80% or better prior to registering for ASL 122 if planning to enroll in the Interpreter Preparation Program at Front Range Community College or Pikes Peak Community College.

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.

Course Note: Students must complete this course with a grade B or higher or pass the ASL 121 proficiency test at 80% or better prior to acceptance into the Interpreter Preparation Program at Front Range Community College or Pikes Peak Community College.

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) or permission by the Department Chair.

Course Note: This course is part of the Interpreter Preparation Program at FRCC or PPCC.

ASL 125 Fingerspelling
3 Credit hours   45 Contact hours
Provides the student an opportunity to develop expressive and receptive fingerspelling through various class activities.
Prerequisite: Permission by the Instructor

Course Note: This course is part of the Interpreter Preparation Program at FRCC or PPCC.

ASL 135 Conversational ASL
2 Credit hours   30 Contact hours
Provides the student an extended opportunity to develop a strong grasp of American Sign Language (ASL) as well as the cultural features of the language.   It helps the student maintain sign language skill.   This course is designed for students who have not met the minimum requirements to continue on with ASL 221.
Prerequisite: Permission by the Instructor.

ASL 175 Special Topics
0-12 Credit hours   15-90 Contact hours
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline.

ASL 221 American Sign Language IV
3 Credit hours   45 Contact hours
Continues from ASL 123 to provide further study of American Sign Language (ASL) and its grammar, syntax and cultural features. Helps students develop competency and fluency in the language. Variations in ASL are addressed.
Prerequisite: Successful completion of ASL 123 (grade C or higher) or permission by the Department Chair.

Course Note: This course is part of the Interpreter Preparation Program at FRCC or PPCC.

ASL 222 American Sign Language V
3 Credit hours   45 Contact hours

Continues ASL 221 with focus on assimilating previously acquired skills and knowledge and increase proficiency in understanding and using American Sign Language (ASL). Addresses debates in ASL.
Prerequisite: Successful completion of ASL 221 (grade C or higher) or permission by the Department Chair.
Course Note: This course is part of the Interpreter Preparation Program at FRCC or PPCC.

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.

Agriculture Courses

AGR 260 World Interdependence - Population and Food (GT-SS3)
3 Credit hours   45 Contact hours

Covers the study of world population and food production and distribution. Problems and opportunities concerning population and food are discussed in a global context.

Course Note: This is a statewide guaranteed transfer course.

Agriculture Crops and Soils Courses

AGY 240 Introductory Soil Science   with Lab (GT-SC1)
4 Credit hours   90 Contact hours

Focuses on formation, physical properties, chemical properties, and management of soils emphasizing conditions that affect plant growth.
Course Note: This is a statewide guaranteed transfer course.

Agriculture Economics Courses

AGE 102 Agriculture Economics (GT-SS1)
3 Credit hours   45 Contact hours

Focuses on economic principles as applied to agriculture through price discovery with producer supply and consumer demand, governmental policies, rural development, and resource management.

Course Note: This is a statewide guaranteed transfer course.

Anthropology Courses

ANT 101 Cultural Anthropology (GT-SS3)
3 Credit hours   45 Contact hours
Studies human cultural patterns and learned behavior. Includes linguistics, social and political organization, religion, culture and personality, culture change, and applied anthropology.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

ANT 102 Cultural Anthropology Lab (GT-SS3)
1 Credit hour   15 Contact hours
Study the art and science of ethnographic research methods, analyze classic ethnographies, conduct field research projects, write model ethnographies and ethnologies, and address ethical debates and controversies.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).
Course Note: This is a statewide guaranteed transfer course.

ANT 103 Archaeology Lab (GT-SS3)
1 Credit hour   15 Contact hours
Studies analytical methods in archaeological research including those employed both in the field and in the laboratory. Deals with practical exercises illustrating many of the theoretical principles of archaeology, including methods of archaeological survey, excavation, artifact analysis, collection strategies, mapping strategies, and field interpretation.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

ANT 104
1 Credit hour   15 Contact hours
Investigates the principles of physical/biological anthropology. Includes genetic and evolutionary processes, comparative skeletal anatomy, primate morphology and behavior, human evolution, modern human variation, and forensics through laboratory and/or online practicum exercises and analytical discussions.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).
Course Note: This is a statewide guaranteed transfer course.

ANT 107 Introduction to Archaeology (GT-SS3)
3 Credit hours   45 Contact hours
Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. Includes a survey of the archaeology of different areas of the Old and New Worlds. Also includes the works of selected archaeologists and discussions of major archaeological theories.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

ANT 108 Archaeology of World Rock Art (GT-SS3)
3 Credit hours   45 Contact hours

Introduces the archaeology of new and old world rock art dating from the historic past to over 30,000 years ago using a scientific perspective. Presents classification, recordation, dating, analysis, management and conservation, research ethics and protocols, and symbolic and ethnographic interpretation and addresses other formal approaches and established as well as emerging theory.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).
Note: This is a statewide guaranteed transfer course.

ANT 111 Physical Anthropology (GT-SS3)
3 Credit hours   45 Contact hours
Studies human biology and its effect on behavior. Includes principles of genetics and evolution, vertebrates and primates, human origins, human variation, and ecology.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

ANT 137 Southwest US Archaeology
3 Credit hours   45 Contact hours
Identifies the complex regional population centers and cultural traditions of prehistoric peoples of the 4-Corners (Colorado, Arizona, New Mexico, Utah) and analyses evidence of cultural interaction with peoples of Meso-America and with the ecology of the region.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

ANT 201 Introduction to Forensic Anthropology (GT-SS3)
3 Credit hours   45 Contact hours
Studies the basic principles of forensic anthropology, an applied field within the discipline of physical anthropology. Includes the study of the human skeleton, practical application of physical anthropology and archaeology, and judicial procedure, as they relate to the identification of human remains within a medico-legal context.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).
Course Note: This is a statewide guaranteed transfer course.

ANT 215 Indians of North America (GT-SS3)
3 Credit hours   45 Contact hours
Studies the Indians of North America from 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.
Prerequisite: Successful completion of CCR 092   (grade C or higher) or equivalent assessment scores (SS 70, RC 62).

Course Note: This is a statewide guaranteed transfer course.

ANT 250 Medical Anthropology (GT-SS3)
3 Credit hours   40-45 Contact hours
Studies the basic principles of medical anthropology, an applied field within the discipline of cultural anthropology. Includes the cross-cultural study of practices and beliefs regarding illness, health, death, prevention and therapy; and the interaction of the medical systems between Western and other cultures.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).
Course Note: This is a statewide guaranteed transfer course.

ANT 260 Sex, Gender, and Culture
3 Credit hours   45 Contact hours
Explores the anthropology of gender. Includes the relationship between biology and culture in human evolution; archaeological evidence of gender distinctions in prehistory; cross-cultural constructions of masculinity, femininity, and sexuality; variations in the sexual division of labor and economic stratification; gender differences in ritual and religion; and the impact of gender issues in contemporary global culture change.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

ANT 275 Special Topics in Anthropology
1-3 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, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

ANT 280 Southwest Field Exploration
3 Credit hours   45 Contact hours
Introduces the social, religious, economic, and cultural development of selected American Indian societies and Hispanic settlements of the American Southwest. Major ruins, archaeological sites, museums, reservations, and/or pre-statehood communities are explored by field trip.

Arabic Courses

ARA 101 Conversational Arabic I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational Arabic and focuses on understanding and speaking Arabic. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

ARA 102 Conversational Arabic II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak Arabic. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of ARA 101 (grade C or higher).

ARA 111 Arabic Language I
5 Credit hours   75 Contact hours
Begins a sequence dealing with the development of functional proficiency in listening, speaking, reading and writing the Arabic language.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ARA 112 Arabic Language II
5 Credit hours   75 Contact hours

Continues Arabic Language I in the development of functional proficiency in listening, speaking, reading and writing the Arabic language.
Prerequisite: Successful completion of ARA 111 (grade C or higher) or permission by the Department Chair.

ARA 201 Conversational Arabic III
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking Arabic.   Focuses on intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of ARA 102 (grade C or higher).

ARA 202 Conversational Arabic IV
3 Credit hours   45 Contact hours

Continues the sequence for students to advance in their study of understanding and speaking Arabic.   Focuses on intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of ARA 201 (grade C or higher).

ARA 211 Arabic Language III
3 Credit hours   45 Contact hours
Continues Arabic I and II in the development of increased functional proficiency in listening, speaking, reading and writing the Arabic language.   Note: the order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of ARA 112 (grade C or higher) or permission by the Department Chair.

ARA 212 Arabic Language IV
3 Credit hours   45 Contact hours
Continues Arabic Language I, II and III in the development of increased functional proficiency in listening, speaking and writing the Arabic language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of ARA 211 (grade C or higher) or permission by the Department Chair.

ARA 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.

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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. Surveys the visual arts from the Ancient through the Medieval periods.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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. Surveys the visual arts from the Renaissance to 1900.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

ART 121 Drawing I
3 Credit hours   90 Contact hours
Investigates the various approaches and media that students need to develop drawing skills and visual perception.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

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
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.

ART 139 Digital Photography I
3 Credit hours   90 Contact hours
Introduces the basic concepts of digital imaging as applied to photography.   Using applicable technology and hands-on experience, modern developments are presented leading to the present applications of digital imaging, which combine traditional photographic ideas with electronic media.   Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools and output devices by executing new assignments and applying these technologies to their photographic process.

ART 150 Digital Art Foundations I
3 Credit hours   60 Contact hours
Explores visual problem solving using digital tools for fine art. Students will learn to draw and paint in a variety of artistic modalities using color and grayscale. Two-dimensional to three-dimensional observation exercises in composition will be explored. Students will develop their skills in gesture and contour drawing, painterly expression and artistic elements while using the computer as an art tool. Use of systematic applications for development and presentation of ideas is practiced using vector and raster software. No computer experience is necessary.
Prerequisite: Successful completion of ART 131 (grade C or higher).

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.

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
Provides students with the knowledge base to understand the visual arts as related to Modern and Contemporary visual art. Surveys world art of the twentieth century, including Modernism to Post-Modernism.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

ART 209 Studio Art
3 Credit hours   60 Contact hours

Designed for advanced students interested in further exploring an art discipline to develop a more comprehensive portfolio.
Prerequisites: Students would need to take the first level course in their area of interest to advance to Studio Art; i.e., Drawing I, Ceramics I, Jewelry Design I, etc.
Course Note: This class is meant to be a place for non-degree seeking students to continue drawing, photography, painting, ceramics, comics, or jewelry design.

ART 210 Marketing for the Visual Artist
3 Credit hours   45 Contact hours
Provides students with the framework, tools, and professional materials necessary for the practicing visual artist. Guidelines for writing proposals, artist's statements, and resumes are discussed and practiced. Explores theoretical and practical considerations related to portfolio presentation and exhibiting artwork through hands-on activities, readings, and discussion.

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.
Prerequisite: Successful completion of ART 121 (grade C or higher).

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   45 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 250 Digital Foundations II
3 Credit hours   45 Contact hours
Reviews and further explores the process of generating design utilizing a variety of digital tools. In this course, students will develop their proficiency with the digital tools and learn more advanced techniques in drawing and painting. Students will develop and evaluate their design-oriented projects using the elements and principles. Portfolio development, strong content, and a blending of a variety of computer art applications will be emphasized.
Prerequisites: Successful completion of ART 150 (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 252 Painting III
3 Credit hours   90 Contact hours
Provides continued exploration of 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 251 (grade C or higher).

ART 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.

JRD 104 Handcrafted Jewelry
1 Credit Hour   15-30 Contact Hours
Introduces the essentials of handcrafted jewelry making. Students will incorporate the tools and components needed to handcraft beaded jewelry such as necklaces, earrings and /or bracelets. Basic metal techniques are also introduced.

JRD 105 Cold-Connections in Metal
1 Credit Hour   15-30 Contact Hours
Introduces cold-connection metal fabrication techniques and tools. Projects will employ an array of metals, including sheet metal and wire, and allow for decorative gemstone or bead accents.

JRD 120 Introduction to Jewelry Making
3 Credit Hours   60 Contact Hours
Introduces the technical and conceptual essentials of beaded jewelry making and cold-connection, metal fabrication techniques. Historical through contemporary contexts are interwoven throughout the course, as students create wearable jewelry pieces.
Prerequisite: Successful completion of ART 131 (grade C or higher).

JRD 215   Jewelry Design I
3 Credit hours   60 Contact hours
Introduces custom jewelry design procedures and techniques.

JRD 216 Jewelry Design II
3 Credit hours   60 Contact hours

Emphasizes advanced jewelry design techniques and practices as they relate to artistic and custom projects.

JRD 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.

MGD 102 Introduction to Multimedia
3 Credit hours   60 Contact hours
Introduces the types of equipment and technical considerations used in multimedia productions and the multimedia professions.   It focuses on current types of equipment such as scanners, printers, digital cameras and computers.   Students gain hands-on experience in how the technology is utilized for input and output in production and design projects. Overview of software and basic design principles will be explored.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher).

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.

MGD 106 Creativity and Visual Thinking
3 Credit hours   60 Contact hours
Introduces the visual and oral skills necessary to analyze works art and design, articulate complex ideas, then present the solution cogently in 2-D and 3-D projects and presentation skill building. The underlying philosophy of what we see, how we see and what we do with it is the major concern of this class.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This class is designed to build a foundation in visual thinking, develop an understanding of the creative process, and encourage new ways of thinking.   An introduction into creative careers and the art department, this course uses games, experimentation, research, and demonstrations to teach the components of the creative process, principles of leadership, and ways to engage the right side of the brain. The philosophies taught in this class are based on the creative works of Daniel Pink, Robert Fritz, and Peter Senge, among others.

MGD 111 Adobe Photoshop I
3 Credit hours   60 Contact hours
Concentrates on the high-end capabilities of a raster photo-editing software 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.
Prerequisites: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores (SS 70, RC 62).

MGD 112 Adobe Illustrator I
3 Credit hours   60 Contact hours
Acquaints students with the processes of a vector drawing program on the computer. Students learn how to use the tools to create digital artwork that can be used in web design, print media and digital screen design.
Prerequisites: Successful completion of MGD 102.

MGD 116 Typography I
3 Credit hours   60 Contact hours
Introduces the history and concepts of typography as applied to graphic communications. Explores appropriate use of typography in a variety of design applications, emphasizing the basic design principles of typographic compositions and typesetting. Covers type recognition and typographic terms.
Prerequisites: Successful completion of MGD 105 (grade C or higher).

MGD 119 Maya 1
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.

MGD 122 Sculpting for Digital Media
3 Credit hours   60 Contact hours
Introduces students to conceptualization of surface coloration, painting and manipulation of 3D objects and environments. Students will construct sculptures using organic, inorganic, abstract, and realistic subject matter.

MGD 125 3D Modeling for Gaming
3 Credit hours   60 Contact hours

Introduces basic 3D modeling and rendering features of a specific 3D modeling software.   Students will understand 3D geometry, model management, creating materials, material editor effects, beginning photo-realistic rendering, project management, basic rendering concepts and archiving projects.   Students will understand how to use modeling translators, file formats, and conversion applications to move models from the modeling application for use in a gaming application, gaming engine, or gaming environment.

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.
Prerequisites: Successful completion of ART 131 and MGD 106 (grade C or higher).

MGD 134 Drawing for Illustrators
3 Credit hours   75 Contact hours

Covers fundamental skills and theories of drawing and rendering line structure, form, value, texture, and composition. Application of drawing skills with various media for line quality as well as value and texture interpretations are also covered.
Prerequisite: Successful completion of ART 121 (grade C or higher).

MGD 141 Web Design I
3 Credit hours   60 Contact hours
Introduces web site planning, design and creation using industry-standards-based web site development tools. Screen-based color theory, web aesthetics, use of graphics editors and intuitive interface design are explored.

Prerequisites: Art and New Media Prerequisite: Successful completion of MGD 102 or MGD 105 (grade C or higher) or Department Chair Permission; Film Video Courses Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent test score (SS 70, RC 62).

MGD 143 Motion Graphic Design I
3 Credit hours   60 Contact hours
Stresses creation of animation and dynamic interactive media for web and multimedia applications. Students will learn how to animate objects, create symbols, and assemble motion tweens.
Prerequisites: Successful completion of MGD 102 (grade C or higher).

MGD 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.

MGD 203 Design and Concept
3 Credit hours   60 Contact hours

Covers the process of comprehensive problem solving of complex and advanced print design.   Provides experience in digital production of designs, using multiple computer applications emphasizing concept.
Prerequisite: Successful completion of MGD 133 (grade C or higher).

MGD 207 Illustration I
3 Credit hours   60 Contact hours
Addresses methods and techniques used in the profession of illustration for advertising, brochures, books and other forms of printed communications. Course concentrates on developing expertise in producing line and continuous-tone black-and-white art with emphasis on design and the creation of art for reproduction.
Prerequisite: Successful completion of ART 121 or MGD 134 (grade C or higher).

MGD 208 Illustration II
3 Credit hours   60 Contact hours
Addresses methods and techniques used in the illustration profession beyond those covered in Illustration I. Course concentrates on developing expertise in producing color art for reproduction.
Prerequisite: Successful completion of MGD 207 (grade C or higher).

MGD 211 Adobe Photoshop II
3 Credit hours   60 Contact hours
Develops and reinforces image composition techniques learned in Adobe Photoshop I, MGD 111. Fundamentals are continuously reinforced as new design techniques are introduced.
Prerequisite: Successful completion of MGD 111 (grade C or higher)

MGD 219 Maya II
3 Credit hours   60 Contact hours
Explores in-depth Maya animation techniques. Also, the student will be exposed to rigging characters for animation.
Prerequisite: Successful completion of MGD 119 (grade C or higher).

MGD 223 Graphic Storytelling I
3 Credit hours   60 Contact hours
Addresses the artistic methods and techniques used in the development of sequential art. Course concentrates on developing conceptual and technical skills necessary to produce shorter format comic and comic strip art. Emphasis will be placed on contemporary B&W comic illustration techniques.
Prerequisite: Successful completion of ART 121 (grade C or higher).

MGD 224 Graphic Storytelling II
3 Credit hours   60 Contact hours
Addresses storytelling methods, techniques and strategies used in the development of sequential art. Course concentrates on expanding student's ability to develop narrative content essential for effective graphic storytelling.
Prerequisite: Successful completion of MGD 223 (grade C or higher).

MGD 225 Graphic Storytelling III
3 Credit hours   60 Contact hours
Addresses the conceptualization and production of short-form graphic storytelling projects. Students will begin to identify and refine their own personal artistic and narrative style while developing several concepts and finished examples of contemporary short-form projects. Students will learn the basic structure of the contemporary short-form comic market.
Prerequisite: Successful completion of MGD 224 (grade C or higher).

MGD 226 Graphic Storytelling IV
3 Credit hours   60 Contact hours
Addresses the conceptualization and production of long-form graphic storytelling projects. Students will continue to refine their own personal artistic and narrative style while developing several concepts and finished excerpts of contemporary long form projects. Students will learn the basic structure of the contemporary long form comic market.
Prerequisite: Successful completion of MGD 225 (grade C or higher).

MGD 233 Graphic Design II
3 Credit hours   60 Contact hours
Continues instruction in idea development for advanced graphic design.
Prerequisite: Successful completion of MGD 133 (grade C or higher).

MGD 235 Word and Image 1: Comics
3 Credit hours   60 Contact hours
Presents a selected overview of the origins and development of narrative illustration as it relates specifically to the genre of comics. Students will explore the fundamentals of developing and illustrating comics, encompassing single panel comics, and word + image based comics.

MGD 236 Word and Image 2: Graphic Novels
3 Credit hours   60 Contact hours
Presents a selected, global analysis of the contemporary graphic novel. Students will learn the fundamentals of writing and illustrating graphic novels by examining

narrative, aesthetic and compositional strategies important to effective graphic storytelling.
Prerequisite: Successful completion of MGD 235 (grade C or higher).

MGD 241 Web Design II
3 Credit hours   60 Contact hours
Expands on previously learned fundamentals of HTML introducing cascading style sheets, DHTML, JavaScript and CGI forms. Color usage and interface design principles are emphasized in this course. In this course we'll examine Web sites that employ more complex structures, optimal site architecture and navigation necessary for larger and more complex sites.
Prerequisite: Successful completion of MGD 141 (grade C or higher).

MGD 256 Graphic Design Production
3 Credit hours   60 Contact hours
Provides an opportunity to combine several draw and paint applications into one design and layout class. Students will explore advanced techniques in creating and designing computer art.
Prerequisite: Successful completion of ART 150 (grade C or higher) or permission of the Department.

MGD 268 Business for Creatives
3 Credit hours   45 Contact hours
Presents a guide to freelance work and a study of business practices and procedures and models unique to creative occupations (graphic design, web design, animation, fine arts). Discussion includes determining charges, business forms, business planning, tax structure, licenses and registration, self-promotion (resume, website, portfolio, business identity package). Course may include visits by professionals in the field and discussion of career opportunities in a quickly changing career field.

Course Note: Degree-seeking students should take this class in their last semester, concurrently with the following degree courses: ART 252, ART 221, MGD 241, MGD 208, MGD 203, PHO 260, MGD 224, and JRD 216.

MGD 289 Capstone
0-12 Credit hours   15-90 Contact hours

A demonstrated culmination of learning within a given program of study.

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/ Bas 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)

Astronomy Courses

AST 101 Astronomy I with Lab (GT-SC1)
4 Credit hours   75 Contact hours
Focuses on the history of astronomy, the tools of the astronomer, and the contents of the solar system including the planets, moons, asteroids, comets, and meteoroids. Incorporates laboratory experience.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95+, RC: 80+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 60).

Course Note: This is a statewide guaranteed transfer course.

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.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95+, RC: 80+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 60).

Course Note: This is a statewide guaranteed transfer course.

Biology Courses

BIO 103 Principals of Animal Biology (GT-SC2)
3 Credit hours   45 Contact hours

Introduces the student to the study of animals from the cellular level to the interactions of the organism within its environment, and their ecological contributions. This course includes principles of evolution, animal ecology, animal architecture, taxonomy, and phylogeny. It also includes the study of animal diversity, emphasizing the characteristics and classifications of animal phyla and major classes.

Course Note: This course is one of the Statewide Guaranteed Transfer 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 – as is the impact of biological science on society. Includes laboratory experiences. Designed for non-science majors.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

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) or equivalent assessment score (SS 70, RC 62).

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.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

BIO 112 General College Biology II with Lab (GT-SC1)
5 Credit hours   105 Contact hours
A continuation of Biology I. Includes ecology, evolution, classification, structure, and function in plants and animals. This course includes laboratory experience.
Prerequisite: Successful completion of BIO 111 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

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.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

BIO 135 Human Nutrition
Refer to HWE 100 under "Health Wellness Education."

BIO 143 Ecology of Colorado
3 Credit hours   45 Contact hours

Studies the natural environments in Colorado. Explores the vast natural environments of Colorado and the plants and animals that inhabit the life zones of our majestic plains, mountains, and valleys. Discovers the interrelationships of man and his Colorado environment - past, present, and future. Through an inquiry approach the student examines the changing needs and roles of our environments. Field trips include Roxborough State Park, Garden of the Gods, Mt. Evans, Pikes Peak, Deer Creek Canyon, Daniels Park, Barr Lake, or others.

Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

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, nervous, and endocrine systems. Includes a mandatory hands-on laboratory experience covering experimentation, microscopy, observations, and dissections. This is the first semester of a two-semester sequence.
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of Department Chair.

Course Note: This is a statewide guaranteed transfer course.

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: cardiovascular, hematology, lymphatic and immune, urinary, fluid and electrolyte control, digestive, nutrition, respiratory, reproductive, and development. Includes a mandatory hands-on laboratory experience involving experimentation, microscopy, observations, and dissection. This is the second semester of a two semester sequence.
Prerequisite: Successful completion of BIO 201 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

BIO 204 Microbiology with Lab (GT-SC1)
4 Credit hours   90 Contact hours
Designed for health science majors. Examines microorganisms with an emphasis on their structure, development, physiology, classification, and identification. The laboratory experience includes culturing, identifying, and controlling microorganisms with emphasis on their role in infectious disease.
Prerequisite: Successful completion of BIO 111 or BIO 201 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

BIO 208 General College Microbiology with Lab (GT-SC1)
5 Credit hours   105 Contact hours
Designed for biology and health science majors. Surveys microorganisms with emphasis on their structure, development, physiology, classification, and identification. Includes microbial diversity, functional anatomy, biochemistry, genetics, ecology, and disease. Mandatory hands-on laboratory experience includes sterile technique, microscopy, culture procedures, and biochemical and genetic analysis.
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

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 220 General Zoology with Lab (GT-SC1)
5 Credit hours   90 Contact hours
Focuses on the study of invertebrate and vertebrate animals, and examines structure, evolutionary development, ecology, classification, physiology, reproduction, and zoogeography. A survey of zoological diversity emphasizing the characteristics, zoological contributions, and classification of animal phyla and major classes. Requires hands-on laboratory and field experience. Designed for biology majors.
Prerequisite: Successful completion of BIO 112 (grade C or higher) or equivalent or permission of the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

BIO 221 Botany with Lab (GT-SC1)
5 Credit hours   90 Contact hours
This course is designed for biology majors. It is a study of nonvascular and vascular plants. It emphasizes photosynthetic pathways, form and function, reproduction, physiology, genetics, diversity, evolution, and ecology. This course requires mandatory hands-on laboratory and field experience.
Prerequisite: Successful completion of BIO 112 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

BIO 222 General College Ecology
4 Credit hours   90 Contact hours
Studies the interrelationships between organisms and their environment. Covers composition and function of aquatic and terrestrial ecosystems, population biology, pollution, and the effects of man on ecosystems. Includes laboratory and field experiences.

Prerequisite: Successful completion of BIO 112 (grade C or higher) or equivalent or permission of the Department Chair.

BIO 224 Genetics
4 Credit hours   90 Contact hours
Studies the fundamental laws of heredity and their application to living organisms. Covers the basics of genetics. Focuses on the laws of Mendel, linkage, mutation concept, molecular genetics, and Hardy-Weinberg law. Includes laboratory experience.
Prerequisite: Successful completion of BIO 112 (grade C or higher) or equivalent or permission of the Department Chair.

BIO 228 Field Biology III
4 Credit hours   90 Contact hours
Focuses on the identification of organisms, as well as an examination of ecological concepts and principles and involves in-depth field study of natural environments within and outside of the United States. The course varies from seven to twenty-one days in length.   Requires hands-on laboratory and field experience (includes extensive hiking).
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

BIO 270 Bio Techniques. 9-12 Teachers
0-12 Credit hours   TBA Contact hours

Introduces high school teachers to Recombinant DNA Technology as it is used in biomedical research. Basic information on the structure and function of DNA as the genetic material is briefly covered before the students are guided through a series of laboratory exercises designed to give hands on experience with some of the more important techniques used in current molecular biology. This laboratory experience will prepare them to teach the same techniques to students in their high school class room Techniques used include: DNA isolation, Polymerase Chain Reaction (PCR), gel electrophoresis, and bacterial transformation

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.

BIO 285 Independent Study
0-12 Credit hours   15-90 Contact hours
Allows students to pursue a specific project within Biology. The student and instructor will determine the topic outline of work and method of evaluation.

Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

Biotechnology Courses

Biotechnology is a life sciences field that supports six distinct areas: molecular and cellular biology, pharmaceuticals, bio-agriculture, bioremediation, and manufacturing and material design. For students or for professionals already working in the field of biotechnology, the hands-on and real-time laboratory experience will deliver the specialized training needed to excel in the industry.

BIO 160 Introduction to Biotechnology
3 Credit hours   60 Contact hours
Introduces students to modern molecular biology technologies that include DNA, RNA, and proteins, and prepares them for research and industry. Laboratory experience includes sterile technique, microscopy, media preparation, and bacterial culturing.
Prerequisite: Successful completion of CHE 101 or CHE 111 (grade C or higher), and BIO 105 or BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

BIO 265 Techniques in Cell Culture and Protein Production
4 Credit hours   90 Contact hours
Focuses on the methods commonly used in biotech manufacturing facilities. Includes eukaryotic cell culture, prokaryotic fermentation, and protein production and purification. Requires hands-on laboratory experience.
Prerequisite: Successful completion of BIO 111 (grade C or higher) or equivalent or permission of the Department Chair.

BIO 268 Cell Biology and Immunology
4 Credit hours   90 Contact hours
Provides an introduction to research in cell biology. Student performs hands-on laboratory techniques to include cell isolation and culture, subcellular fractionation, protein isolation, protein and enzyme assays, electrophoresis and various monoclonal-antibody techniques. Is part of the Biotechnology Program Professional/Vocational Core.
Prerequisite: Successful completion of BIO 111 AND CHE 111 (grade C or higher) or permission of the Department Chair.

BIO 269 Nucleic Acid Techniques and Molecular Cloning
4 Credit hours   90 Contact hours
Introduces Recombinant DNA technology as it is used in Biomedical Research. Covers basic information on the structure and function of DNA as a genetic material before students are guided through a research project involving the isolation and sequence analysis of a gene. Stu-

dents perform hands-on laboratory techniques on non-infectious material to include PCR, gel electrophoresis, molecular cloning, and automated DNA sequencing.
Prerequisite: Successful completion of BIO 111 AND CHE 111 (grade C or higher) or permission of the Department Chair.

BIO 280 Biotechnology Internship
3 Credit hours   135 Contact hours
Incorporates a required component of the biotechnology certificate and serves as a capstone experience. Students gain real-time experience by working in a company laboratory.
Prerequisite: Successful completion of BIO 268 and BIO 269 (grade C or higher).

Business Courses

BUS 115 Introduction to Business
3 Credit hours   45 Contact hours
Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business and social responsibilities.
Prerequisites: Successful completion of CCR 092,   (grade C or higher) or equivalent assessment scores.

BUS 118 Business Survival Skills
3 Credit hours   45 Contact hours

Provides an overall perspective for the student to understand the current domestic and world business environment and how the student as an employee fits into that environment.   Roles and responsibilities of the business and the employees will be studied especially as they relate to alternatives for increasing positive impact in the workplace.   The focus will be on the practical skills application.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores.

Course Note: This course replaces MAN 285 and/or MAN 287.

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 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 devoted to economic regulation, social regulation, regulation and laws impacting labor-management issues, and environmental concerns. Students develop an understanding of the role of law in social, political, and economic change.
Prerequisite: Successful completion of BUS 115 (grade C or higher) or equivalent assessment scores.

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 (grade C or higher) and MAT 055 (grade C or higher) or equivalent assessment scores (EA 85).

BUS 226 Business Statistics
3 Credit hours   45 Contact hours
Focuses on statistical study, descriptive statistics, probability, the binominal distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for business majors.
Prerequisite: Successful completion of BUS 115 and MAT 055 (grade C or higher) or equivalent assessment scores (EA 85).

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
Prerequisite: Successful completion of CCR 092, CCR 093, CCR 094, or equivalent assessment scores (SS 95+, RC: 80+) and MAT 055 (grade C or higher) or equivalent assessment scores (EA 085).

Course Note: This is a statewide guaranteed transfer course.

CHE 102 Introduction to Chemistry II with Lab (GT-SC1)
5 Credit hours   90 Contact hours
Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical properties of biochemical compounds along with their biochemical pathways. Laboratory experiments are included.
Prerequisite: Successful completion of CHE 101 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

CHE 105 Chemistry in Context (GT-SC1)
5 Credit hours   90 Contact hours

Covers the study of measurements, matter, molecules, atoms, chemical bonding, nomenclature, energy, acids, bases, and nutrition.   Course work examines chemistry in the modern world and surveys the current knowledge as well as the conceptual framework of the discipline.   Chemistry as a science is explored, as is the impact of chemistry on society.   This course includes laboratory experience and is designed for non-science majors.

Course Note: This is a statewide guaranteed transfer course.

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, reaction and equations, stoichiometry, and thermochemistry. This course covers 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 and molecular orbital theory. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments.
Prerequisite: Successful completion of CHE 101 or one year of high school chemistry AND MAT 121 (grade C or higher)
Co-requisite: MAT 121 (if not previously completed).

Course Note: This is a statewide guaranteed transfer course.

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, electrochemistry,

nuclear chemistry, and organic chemistry. This course emphasizes problem-solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques.
Prerequisite: Successful completion of CHE 111 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

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, stereo chemistry, 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 aromatics 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).

Chinese Courses

CHI 101 Conversational Chinese I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational Chinese and focuses on understanding and speaking Chinese. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

CHI 102 Conversational Chinese II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak Chinese. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of CHI 101 (grade C or higher).

CHI 111 Chinese Language I
5 Credit hours   75 Contact hours
Focuses on the development of functional proficiency in listening, speaking, reading and writing the Chinese language. Note: The order of the topics and methodology varies according to individual texts and instructors.
Prerequisite: Successful completion on CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

CHI 112 Chinese Language II
5 Credit hours   75 Contact hours
Continues Chinese Language I in the development of functional proficiency in listening, speaking, reading and writing the Chinese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of CHI 111 (grade C or higher) or permission by the Department Chair.

CHI 201 Conversational Chinese III
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to continue their study of understanding and speaking Chinese. Covers intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of CHI 102 (grade C or higher).

CHI 202 Conversational Chinese IV
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak Chinese. Covers intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of CHI 201 (grade C or higher).

CHI 211 Chinese Language III
3 Credit hours   45 Contact hours
Focuses on the further development of functional proficiency in listening, speaking, reading and writing the Chinese language.
Prerequisite: Successful completion of CHI 112 (grade C or higher) or permission by the Department Chair.

CHI 212 Chinese Language IV
3 Credit hours   45 Contact hours
Focuses on the further development of functional proficiency in listening, speaking, reading and writing the Chinese language. A continuation of Chinese III.
Prerequisite: Successful completion of CHI 211 (grade C or higher) or permission by the Department Chair.

CHI 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 by the Instructor.

Communication Courses

COM 115 Public Speaking
3 Credit hours   45 Contact hours
Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

COM 125 Interpersonal Communication
3 Credit hours   45 Contact hours
Examines the communication involved in interpersonal relationships occurring in family, social, and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflict.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

COM 217 Group Communication
3 Credit hours   45 Contact hours
Examines group communication theories with emphasis on leadership and group behaviors. Provides opportunities for group participation.
Prerequisite: Successful completion of COM 115 (grade C or higher).

COM 220 Intercultural Communication (GT-SS3)
3 Credit hours   45 Contact hours
Explores the link between culture and communication and will develop and/or enhances communication skills and the abilities appropriate to a multicultural society. Emphasis will be on understanding diversity within and across cultures. Relevant concepts include perception, world view, context, ethics, language, and nonverbal communication. This course is a part of the Statewide Guaranteed Transfer courses.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

COM 225 Organizational Communication
3 Credit hours   45 Contact hours
This course focuses on the role of communication theory and skills as they apply to business and organizational settings. Topics include organizational and leadership models, effective communication skills with peers, superiors, and subordinates, environmental factors impacting communication, and interviewing skills.

Prerequisite: Successful completion of COM 115 (grade C or higher).

COM 226 Oral Interpretation
3 Credit hours   45 Contact hours
Exposes the student to the artistic, interpretive, and communicative potential to be found in the reading and performance of great literature and rhetoric such as is found in prose, poetry, drama.

COM 260 Listening in a Workplace Communication Setting
1 Credit hour   15 Contact hours
Focuses on understanding and developing high-level listening skills. Through lecture and interactive exercises, students learn the fundamentals of effective listening.

COM 261 Effective Meetings
1 Credit hour   15 Contact hours
Focuses on making meetings more productive. Students learn to facilitate and participate in meetings as communication events through preparing and managing an agenda, roles and responsibilities, and time management.

COM 262 Communicating With Impossible People
1 Credit hour   15 Contact hours
Introduces participants to concepts regarding communication with "impossible" people and techniques to deal with them more effectively. Emphasizes active participation in skill-building activities.

COM 263 Conflict Resolution
1 Credit hour   15 Contact hours
Focuses on handling conflict productively. Students gain insights into the roots of conflict and engage in skill practice in mediating interpersonal conflicts. The emphasis is on conflict prevention.

COM 265 Effective Presentations
1 Credit hour   15 Contact hours
Focuses on effective presentation skills used in professional settings including conferences, briefings, training sessions, and sales presentations. Emphasizes formats, strategies, and presentation tips and enables the student to develop and practice these skills.

COM 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 267 Teamwork
1 Credit hour   15 Contact hours
Builds on teamwork skills and enables the student to gain insight into what makes teamwork successful. Focuses on a variety of strategies to understand team functioning including in-class exercises, problem-solving simulations and lecture.

COM 269 Leadership
1 Credit hour   15 Contact hours

Emphasizes the essential skills and attributes of leadership. Through lectures, activities and readings, the students will understand the differences between leadership and management, how theory leads to practice, and the appropriate leadership style to use according to the situation.

CHW 100 Introduction to Community Health Work
2 Credit hours   30 Contact hours

Introduces students to the basic concepts of community health work, to the roles of community health workers, and to basic practical skills necessary to the occupation.

COM 126   Communication in Healthcare
3 Credit hours   45 Contact hours

Familiarizes the student with interactive concerns in settings related to patient-client care. Course includes discussions of diverse cultures, client interaction and family/caregiver issues. The student will also address the concerns of attitude, office politics, teamwork, self-initiative and conflict management as specifically experienced in the patient as client setting.

CHW 297 Community Health Worker Field Experience
2 Credit hours   30 Contact hours

Provides students with the opportunity to apply Community Health Worker knowledge and to practice Community Health Worker skills in community settings.

CHW 138 Patient Navigation
3 Credit hours   45 Contact hours

Develop skills necessary to effectively communicate and build relationships with patients, locate health resources, solve problems, and manage information and records.

CHW 135 Basics of Chronic Disease
1.5 Credit hours   22.5 Contact hours
Develop skills and resources necessary to understand medical information to be able to effectively communicate with patients and healthcare team members about the etiology, diagnosis, and treatment of chronic diseases [cancer, diabetes, heart disease, and pulmonary disease].

CHW 136 Psych Impact Chronic Disease
1 Credit hour   15 Contact hours
Acquire knowledge regarding the psychosocial aspects of chronic disease. Differentiate between normal responses and problematic responses in order to identify resources, make appropriate referrals, and assist with patient decision-making.

CHW 120 Community Health Issues
3 Credit hours   45 Contact hours
Introduces students to the multiple health issues for community health workers. Develops core competencies necessary to function as a Community Health Worker.

CHW 137 End-of-Life/Palliative Care
.5 Credit hours   7.5 Contact hours
Explore end-of-life concepts such as advance planning, legal considerations, end-of-life choices, and palliative care, including physical, emotional, and spiritual aspects. Learn to facilitate discussion regarding end-of-life choices, including hospice care.

Computer Assisted Drafting Courses

CAD 256 SolidWorks Basics
6 Credit hours   90 Contact hours

Introduces basic non-parametric 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. The student learns to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.

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.

CAD 260 C.A.D Project
2 Credit hours   30 Contact hours
Focuses on a final computer aided drafting project in the student's area of special interest.

Computer Networking Technology Courses

CNG 101 Introduction to Networking
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).
Prerequisites: Successful completion of CIS 115 (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.

Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).
Co-requisite: 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.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) MAT 050 (grade C or higher) or equivalent assessment scores (EA 60).
Co-requisite: 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 net-

working, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course.
Prerequisite: Successful completion of CIS 115 (grade C or higher).

CNG 130 PC Technology
3 Credit hours   45 Contact hours
Provides students with an introduction to microcomputer technology as it pertains to IBM-compatible personal computers.
Prerequisite: Successful completion of CIS 115 (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 CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

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.

Prerequisites: Successful completion of CIS 115 (grade C or higher).   Or permission from the Department Chair

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 large and more complex network with advanced functionality.

Prerequisites: 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.

Prerequisites: Successful completion of CNG 262 (grade C or higher).

Computer Information Systems Courses

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.

Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 60).

Course Note: Also available as an online class.

CIS 115 Introduction to Computer Information Systems
3 Credit hours   45 Contact hours
Focuses on an overview of the needs for and roles of computer information systems. Emphasizes computer requirements in organizations, history, hardware functions, programming, systems development, and computer operations. Introduces computer applications.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 118 Introduction to PC Applications
3 Credit hours   45 Contact hours
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.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 128 Intro to Operating Systems
3 Credit hours   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 (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 135 Complete PC Word Processing (Word)
3 Credit hours   45 Contact hours
Explores a complete array of word processing skills needed to create, edit, format, and print documents. Other topics include character, paragraph, and page formats, the use of spell checker and thesaurus, hyphenation, tables, mail merge, document design, and graphics.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 145 Complete PC Database (Access)
3 Credit hours   45 Contact hours
Explores a complete array of database skills, including table, query, form, and report creation and modification. Other topics include application integration and automation of database tasks within the database.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 155 PC Spreadsheet Concepts (Excel)
3 Credit hours   45 Contact hours
Exposes students to a wide range of uses of the electronic spreadsheet with special emphasis on using it as a business tool. Includes fundamentals and terms, creating and saving workbooks, entering and using formulas, formatting, printing, multiple-page workbooks, creating charts, entering and using functions, managing lists, and utilizing simple macros.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

BTE 257 Managing Office Technology
3 Credit hours   45 Contact hours
Utilizes integrated software applications to research, explore, and report on current

concepts of the cooperative computing environment and how office productivity is affected by modern technology.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 60).

CIS 165 Complete Presentation Graphics (Power Point)
3 Credit hours   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.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060)..

CIS 167 Desktop Publishing: (Software)
3 Credit Hours   45 Contact Hours
Introduces the concepts and applications for desktop publishing. Emphasizes page layout and design with techniques for incorporating text and graphics and final production of printed documents.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 203 Technology for Career Success
1 Credit Hours   15 Contact Hours
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 (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 218 Advanced PC Applications
3 Credit hours   45 Contact hours
Emphasizes solving business problems by integrating data from all of the software applications that facilitate the production of useful information. Advanced capabilities of a PC software applications suite are utilized. Printed documents, reports, slides, and forms are produced to communicate information.

Prerequisite: Successful completion of CIS 118 (grade C or higher) or department approval.

CIS 220 Fundamentals of UNIX
3 Credit hours   45 Contact hours
Covers the structure and fundamentals of the UNIX operating system. Includes the files system and file processing, various utility programs, and shell multi-user operation, text processing, and communications.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

CIS 243 Introduction to SQL
3 Credit hours   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).
This course was formerly CIS 251; effective Summer 2013, the course number was changed to CIS 243.

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.
Prerequisites: Successful completion of CNG 121 (grade C or higher).

CIS 267 Management of Information Systems
3 Credit hours   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.
Prerequisites: Successful completion of CIS 115 (grade C or higher).

CIS 268 Systems Analysis and Design I
3 Credit hours   45 Contact hours
Introduces students 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 and controls, project management, implementation and evaluation. (Formerly CIS 276)
Prerequisite: Successful completion of CIS 128 and CNG 101 (grade C or higher). One programming language should be taken in the final semester.

Computer Science Courses

CSC 119 Introduction to Programming
3 Credit hours   45 Contact hours

Focuses on a general introduction to computer programming. Emphasizes the design and implementation of structured and logically correct programs with good documentation. Focuses on basic programming concepts, including numbering systems, control structures, modularization, and data processing. A structured programming language is used to implement the student's program designs.
Prerequisite: Successful completion of CIS 115 (grade C or higher).

CSC 154 Visual Basic.NET Programming
3 Credit hours   45 Contact hours
Provides students with the knowledge and skills needed to develop applications in Microsoft Visual Basic.NET for the Microsoft .NET platform. Focuses on user interfaces, program structure, language syntax, and implementation details. This is the first course in the Visual Basic.NET curriculum and serves as the entry point for other .NET courses.
Prerequisite: Successful completion of CSC 119 (grade C or higher).

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 116 or CSC 119 (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).
New course description effective Summer 2013.

CSC 236 Introduction to C# Programming
4 Credit hours   60 Contact hours
Introduces the C# programming language. This covers all syntactical components of the language, including arrays, structures, methods and classes. Content will focus on writing clear, properly structured, and well-documented programs using object-oriented methodology, .NET Framework, and the Visual Studio environment.
Prerequisite: Successful completion of CSC 116 or CSC 119 (grade C or higher).

CSC 237 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 and CWB 110 (grade C or higher).

CSC 240 Java Programming
3 credit hours   45 Contact hours
Introduces Java programming language and covers basic graphics, events/procedures, user interface, and libraries. Enables students to write and execute a variety of Java programs. Incorporates Java applets into HTML.
Prerequisite: Successful completion of CSC 116 or CSC 119 (grade C or higher).

CSC 241 Advanced Java Programming
3 credit hours   45 Contact hours
Continues the study of the Java programming language. Covers advanced programming topics, including multi-threading, network/Internet programming, database programming, and JavaBeans. Enables students to write advanced, large, and complex programs.
Prerequisite: Successful completion of CSC 240 (grade C or higher).

CSC 246 Mobile App Development
3 Credit hours   45 Contact hours
Learn how to develop mobile apps using key features and frameworks. Students will learn application design and development using a mobile development platform software development kit (SDK) and corresponding programming language. Main features include: handling UI triggered and touch events, data management, simple and complex UI views, drawing, location and application settings.

CSC 254 Advanced Visual Basic.NET Programming
4 Credit hours   60 Contact hours
Continues the structured algorithm development and problem solving techniques begun in CSC 154. Students learn more advanced features of the Visual Basic.NET programming language. This course will explore the relationships between Visual Basic.NET and the .NET Framework and introduces some important .NET services. It introduces the students to collections, copying and comparing objects, and how the .NET framework interfaces to XML. Content will focus on writing clear properly structured, and well-documented object-oriented programs.
Prerequisites: Successful completion of CSC 154 and CWB 110 (grade C or higher).

Computer Web Based Courses

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 scripting languages. Includes links, backgrounds, controlling text and graphic placement, tables, image maps, frames, and forms.

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.
Prerequisites: Successful completion of CWB 110 and (CSC 116 or CSC 119) (grade C or higher).

Criminal Justice Courses

CRJ 110 Introduction to Criminal Justice
3 Credit hours   45 Contact hours
Introduces a study of the agencies and processes involved in the criminal justice system: the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Includes an analysis of the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations and checks and balances.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Permission of the Program Coordinator.

CRJ 125 Policing Systems
3 Credit Hours   45 Contact Hours
Examines the complexity and multi-dimensional aspects of the law enforcement role and career; law enforcement discretion; law enforcement values and culture in modern America. Covers the role and functions of law enforcement in occupational, social, racial and ethnic, political and organizational context.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Permission of the Program Coordinator.
The title for this course changed from Law Enforcement Operations to Policing Systems effective Summer 2013.

CRJ 127 Crime Scene Investigation
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. Features basic procedures in crime scene management to include photography and preparing initial reports and sketches, processing evidence, and related criminalistic procedures. Covers interviewing suspects, witnesses, and victims including the recording of identifications and descriptions. Incorporates lab and lecture.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Permission of the Program Coordinator.

CRJ 135 Judicial Function
3 Credit hours   45 Contact hours
Examines the criminal process with analysis of the major judicial decision-makers, i.e., prosecutors, defense attorneys, judges, and the discretionary aspects of adjudication.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Permission of the Program Coordinator and CRJ 110 (grade C or higher).

CRJ 145 Correctional Process
Credit hours   45 Contact hours
Focuses on the post-conviction corrections process: the development of a correctional philosophy, theory, and practice; a description of institutional operation, programming, and management; and community-based corrections, probation, and parole.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Permission of the Program Coordinator.

CRJ 205 Principles of Criminal Law
3 Credit Hours   45 Contact hours
Focuses on common law and statutory law 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 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
Examines the question of crime causation from legal, social, political, psychological, and theoretical perspectives.   Covers the history and development of criminology.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.

CRJ 236 Criminal Justice Research Methods
3 Credit hours   45 Contact hours

Introduces and applies methods for criminal justice and criminology with an emphasis on the scientific method and the role of empirical inquiry into criminal justice and criminology.   This course will include the study of methodologies of data collection and analysis, the logic of research, the role of theory, measurement, sampling, and research designs. Field research and the professional norms and ethics of criminal justice and criminology research will also be covered.
Prerequisite: Successful completion of CRJ 110 (grade C or higher) or Permission of Program Coordinator.

CRJ 256 Classification and Treatment of Offenders
3 Credit hours   45 Contact hours
Focuses on the process through which the custodial, educational, vocational, and treatment needs of the offender are determined.

CRJ 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.

CRJ 280 Internship
1-12 Credit hour(s)   15-270 Contact hours
Provides placement in the criminal justice field to integrate theory with practice.
Prerequisite: Permission of the Department Chair or Program Coordinator.

CRJ 285 Independent Study
1-12 Credit Hours   15-270 Contact hours
This course meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.
Prerequisite: Permission of the Department Chair or Program Coordinator.

CRJ 286 Directed Studies
1-12 Credit hour(s)   15-270 Contact hours
Focuses on an independent project designed to enhance the student's ability by concentrating on an assignment more complex than that achieved in a classroom setting.
Prerequisite: Permission of the Department Chair or Program Coordinator.

CRJ 235 Delinquent Behavior
3 Credit hours   45 Contact hours
Focuses on the adolescent who violates social and legal norms and the consequences for the individual and society. Emphasizes the social and psychological factors influencing individual delinquent patterns.

CRJ 268 Criminal Profiling
3 Credit hours   45 Contact hours
Examines theories of crime causation with respect to crimes committed by the most violent offenders in society. an analysis of the research done, and the history of Criminal Personality Profiling, beginning with the earliest explanations through the beliefs of modern science, as well as psychological and sociological explanations . Identifies various known offenders, examines their backgrounds, and explains how current research into homicide, sexual offenses and serial killers can provide

clues to the identity of unknown offenders.

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.

Dance Courses

DAN 105 Hip Hop Dance I
1 Credit hour   30 Contact hours
Consists of basic traditional jazz and ballet movements. Warm-up exercises will include body toning and stretching. Students will learn diagonal step combinations leading to hip-hop dance routines.

DAN 106 Hip Hop II
1 Credit hour   30 Contact hours
Includes traditional jazz, ballet and street dancing techniques as well as warm-up exercises such as body toning and stretching. Students will learn diagonal and center step combinations leading to hip-hop dance routines.
Prerequisite: Successful completion of DAN 105 (grade C or higher) or permission of the instructor.

DAN 117 Salsa I
1 Credit hour   30 Contact hours
Introduces the beginning dancer to popular Salsa steps and dance combinations. This course includes basic partnering concepts and techniques. Dancers will explore rhythm, proper body alignment and music recognition. A partner is not required for this course.

DAN 118 Salsa II
1 Credit hour   30 Contact hours
Continues Salsa I with an increased knowledge of Salsa dance. This course focuses on Salsa dancing in groups of couples with frequent partner exchanges. Dancers learn a more in-depth study of Salsa dance concepts and techniques. A partner is not required for this course.

DAN 224 Dance for Musical Theatre I
3 Credit hours   90 Contact hours
Introduces students to dance within the context of musical theatre. Enables the student to practice non-verbal communication and expressive movement techniques.

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.

PED 144 Yoga II
1 Credit hour   15 Contact hours
Continues to build on the concepts of basic yoga.   Increases awareness of yoga including physical and mental benefits.
Prerequisite: Successful completion of PED 143 (grade C or higher).

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.

Diesel Power Mechanics Courses

ASE 120 Basic Vehicle Electricity
2 Credit hours   33.75 Contact hours
Introduces vehicle electricity and includes basic electrical theory, circuit designs, and wiring methods. Focuses on multi-meter usage and wiring diagrams.
Prerequisites: Successful completion of DPM 100 and DPM 101 (grade C or higher).

ASE 123 Battery, Starting, Charging Systems
2 Credit hours   37.5 Contact hours
Covers the operation, testing, and servicing of vehicle battery, starting, and charging systems. Includes voltage and amperage testing of starter and generator, load testing and maintenance of a battery, and starter and generator overhaul.
Prerequisites: Successful completion of DPM 100, DPM 101, and ASE 120 (grade C or higher).

ASE 221 Auto/Diesel Body Electrical
4 Credit hours   75 Contact hours
Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.
Prerequisites: Successful completion of DPM 100 and 101, ASE 120 (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 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 103 Diesel Engines I
4 Credit hours   67.5 Contact hours
Covers the theory and operation of diesel engines with emphasis on cylinder heads and valve trains diagnosis and repair. Also introduces the cooling system's importance with diagnosis and repair. Enables students to diagnose, test, and repair cylinder heads and cooling systems on diesel engines.
Prerequisites: 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. Students will cover operations, tests, removal, inspections, and repair of heavy duty drivelines, axles, and differentials.
Prerequisites: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 106 Diesel Fuel Systems
3 Credit hours   45 Contact hours
Covers the theory of operation and repair of fuel injection systems. Provides laboratory assignments that involve disassembly, assembly, and service procedures on fuel system components.
Prerequisites: Successful completion of DPM 100, DPM 101 and DPM 103 (grade C or higher).

DPM 111 Preventive Maintenance I
3 Credit hours   60 Contact hours
Enables the student to perform preventive maintenance on heavy equipment and trucks, and complete appropriate

maintenance records. Addresses the process of diagnostics and troubleshooting. Focuses on the importance of preventive maintenance.
Prerequisites: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 121 Hydraulic Systems I
3 Credit hours   56.25 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.
Prerequisites: Successful completion of DPM 100 and DPM 101 (grade C or higher).

DPM 122 Hydraulic Systems II
3 Credit hours   56.25 Contact hours
Offers instruction on the repair, replacement, measuring, and subsequent adjustments of components. Identification and repairing pumps, control valves, and cylinders is stressed within this course.
Prerequisites: 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.
Prerequisites: 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 theory of operation and repair of diesel engines with emphasis on the cylinder block in big bore engines. Enables students to disassemble, inspect, and reassemble engines.
Prerequisites: 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
Teaches students to diagnosis clutch and transmission problems. Focuses on clutch, transmission, additional assembly operation, testing, and repairing. Students will learn removal, rebuilding, inspection, repairing, and replacement of all components. Covers electrical systems on transmissions and related assemblies.
Prerequisites: Successful completion of DPM 100, DPM 101, and DPM 105 (grade C or higher).

DPM 206 Heavy Duty Brakes I
3 Credit hours   51.3 Contact hours
Focuses on the various braking systems incorporated in heavy-duty trucks and heavy equipment. Includes a study of hydraulic brake systems

DPM 207 Heavy Duty Brakes II
3 Credit hours   52.5 Contact hours
Teaches instruction in general service and maintenance procedures for the heavy-duty truck air brake system and its related pneumatic components. Operational checks, performance testing, and verifying system compliance with regulations (FMVSS No. 121) will be discussed.
Prerequisites: Successful completion of DPM 100, and DPM 101 (grade C or higher).

DPM 210 Diesel Air Induction
1 Credit hours   15 Contact hours
Covers the theory of operation and repair of turbochargers, superchargers, intercoolers, and various induction systems. Examines factors regulating engine performance failure, and procedures for reclaiming engine performance.
Prerequisites: Successful completion of DPM 100, 101, and 103 (grade C or higher).

Early Childhood Education Courses

ECE 101 Introduction to Early Childhood Education
3 Credit hours   45 Contact hours
Provides an introduction to Early Childhood Education. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition & Safety; Developmentally Appropriate Practices; Guidance; Family & Community Relationships; Diversity; Professionalism; and Administration and Supervision. Focuses on ages birth through age eight.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 102 Introduction to Early Childhood Lab Techniques
3 Credit hours   45 Contact hours
Focuses on a classroom seminar and placement in a child care setting. The supervised placement provides students with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses ages birth through age eight.   Students will spend a minimum of 40 hours in the preschool or daycare setting.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 103 Guidance Strategies for Children
3 Credit hours   45 Contact hours
Explores guidance theories, applications, goals, techniques, and factors that influence expectations, classroom management issues, and prosocial skills. Focuses on ages birth through age eight.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

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 CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 155 Family and Parenting Issues
1 Credit hour   15 Contact hours

Explores the types of family organizations, functional roles of family members, different parenting styles and other issues impacting children's development that families and parents are experiencing in today's society.

ECE 188 Practicum: Early Childhood Education
0-12 Credit hours   0-180 Contact hours

Provides students with field experience in early childhood programs.

ECE 205 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. Includes nutrient knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families. Focuses on ages from prenatal through age eight.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

New Topic
1 Credit hour   15 Contact hours
Incorporates practice with a variety of assessment instruments currently utilized in Colorado ECE programs.

ECE 220 Curriculum Development: Methods and Techniques
3 Credit hours   45 Contact hours
Provides an overview of early childhood curriculum development. Includes processes for planning and implementing developmentally appropriate environments, materials and experiences, and quality in early childhood programs. (Offered in the Fall only).
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

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 228 Language and Literacy
3 Credit hours   45 Contact hours
Presents strategies for optimum language development, literacy, and social and emotional development. Supports children's language and literacy (including English language learners) in home, classroom, and community settings. Provides appropriate teacher/children verbal interactions, classroom environments, and activities.   Addresses ages birth through age eight. (Offered in the fall only).
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 236 Child Growth/Dev Lab
1 Credit hour   15 Contact hours
Covers the growth and development of the child from conception through the elementary school years. Emphasizes physical, cognitive, language, social and emotional domains and the concept of the whole child and how adults can provide a supportive environment. Addresses ages from prenatal through age 12.

ECE 238 Child Growth and Development
3 Credit hours   45 Contact hours
Covers the growth and development of the child from conception through the elementary school years. Emphasizes physical, cognitive, language, social and emotional domains and the concept of the whole child and how adults can provide a supportive environment. Ages addressed: prenatal through age 12.

ECE 240 Administration of Early Childhood Care and Education Programs
3 Credit hours   45 Contact hours
Examines Colorado's licensing requirements, as well as optimal standards pertaining to the operation of programs for young children. Focuses on the director's administrative skills and role as a community advocate for young children. Focuses on ages birth through age 12. (Offered in Fall and Summer only).
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 241 Administration: Human Relations of the Early Childhood Education
3 Credit hours   45 Contact hours
Focuses on the human relations component of an early childhood professional's responsibilities. Includes director-staff relationships, staff development, leadership strategies, parent-professional partnerships, and community interaction. (Offered in Spring and Summer only)
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 256 Working with Parents, Families, and Community Systems
3 Credit hours   45 Contact hours
Examines attitudes and family value systems and how they affect parent-professional partnerships. Addresses communication, problem solving, and conflict resolution strategies. Plans effective activities and programs for parent involvement. Addresses ages birth through 8.   Offered in the Spring only).
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 260 The Exceptional Child
3 Credit hours   45 Contact hours

Presents an overview of critical elements related to educating young children with disabilities in the early childhood setting. Topics include the following: typical and atypical developmental, legal requirements, research based practices related to inclusion, and accommodations and adaptations.   Student will learn how a disability will impact a young child's learning process. Focus of the course is on birth through age 8.

Prerequisite: Successful completion of PSY 238 or ECE 238 (grade C or higher) CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

ECE 275 Special Topics
0-12 Credit hours   15-90 Contact hours
Explores current topics, issues and activities related to one or more aspects of the early childhood care and education profession.

ECE 278 Workshop – Reflective Leadership – Directors' Roundtable
0-12 Credit hours   15-90 Contact hours
Provides students with an experiential learning opportunity.

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: Director Certificate Coursework, approval of Department Chair.

Economics Courses

ECO 201 Principles of Macroeconomics
3 Credit hours   45 Contact hours
Focuses on the study of the American economy, stressing the interrelationship among household, business, and government sectors. Explores saving and investment decisions, unemployment, inflation, national income accounting, taxing and spending policies, the limits of the market and government, public choice theory, the Federal Reserve System, money and banking, and international trade.
Prerequisites: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and MAT 055 (grade C or higher) or equivalent assessment scores (EA 085).

Course Note: This is a statewide guaranteed transfer course.

ECO 202 Principles of Microeconomics
3 Credit hours   45 Contact hours
Studies the firm, the nature of cost, and how these relate to the economy as a whole. Analyzes economic models of the consumer, perfect competition, monopoly, oligopoly, and monopolistic competition. Explores economic issues including market power, population growth, positive and negative externalities, income distribution, poverty and welfare, discrimination, and international economic interdependence. This is a stand-alone course; ECO 201 is not a prerequisite.
Prerequisites: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+) and MAT 055 (grade C or higher) or equivalent assessment scores (EA 085).

Course Note: This is a statewide guaranteed transfer course.

ECO 211 Gender in the Economy (GT-SS1)
3 Credit hours   45 Contact hours
Introduces students to how gender factors into the economy. It includes the concepts of femininity and masculinity and how

these concepts play a role in consumption, labor and marriage markets, poverty and inequality, and globalization.
Course Note: This course is one of the Statewide Guaranteed Transfer courses.

Economics Courses

Education Courses

EDU 131 Introduction to Adult Education
3 Credit hours   45 Contact hours
Introduces students to the basic concepts in the instruction of adults. Emphases will be placed on understanding the adult learner and how their individual backgrounds and experiences can affect the learning process. Additionally, the course will cover applicable federal and state legislation which affects adult learning programs and offers information on additional resources and associations in the field of Adult Education.

EDU 132 Planning, Organizing, and Delivering Adult Education Instruction
3 Credit hours   45 Contact hours
Covers the basics of planning an adult education program, organizing instruction within the various content areas, and delivering the material in a variety of ways, both in groups and individualized instruction. A wide variety of learning principles and theories will be addressed in ways that show their applicability to adult learners and his/her education.   This course was designed to meet Colorado Literacy Instruction Authorization requirements.

EDU 133 Adult Basic Education (ABE)/Adult Secondary Education
3 Credit hours   45 Contact hours
Specifically addresses the different levels in an Adult Education program. Addresses each level in terms of appropriate assessment tools and instructional techniques. Emphasizes teaching ways that the adult education instructor can encourage the development of cognitive skills at each level, as a springboard to the next higher level.   This course was designed to meet Colorado Literacy Instruction Authorization requirements.

EDU 134 Teaching English as a Second Language to Adult Learners
3 Credit hours   45 Contact hours
Introduces the development and implementation of a program to teach English to adults whose first language is not English. Topics will range widely from assessment and placement to the theories behind language acquisition. Students will cover a wide variety of methodologies, both group and individualized, aimed at teaching the non-English speaker the

written and verbal skills necessary to function successfully in the United States. This course was designed to meet Colorado Literacy Instruction Authorization requirements.

EDU 135 Family Literacy in Adult Education
3 Credit hours   45 Contact hours
Introduces students to the philosophy and theory behind family literacy, as well as give practical advice on the development and implementation of a family literacy program. The four-component model of adult education, early childhood education, parent and child together time (PACT), and parenting will be covered, both in theory and practical application.

EDU 188 Practicum I
0-12 Credits   12 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: Permission of the Department Chair.

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 hour   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 in-

tegrate multicultural/diversity teaching into the school curriculum.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

EDU 240 Teaching the Exceptional Learner
3 Credit hours   45 Contact hours
Focuses on the individual differences and modifications that are necessary in the educational practices of the exceptional learner. Incorporates an additional 10-hour 0-credit, pre-professional, supervised, field based experience. Together with this experience, a portfolio and field experience reflective journal is required of all students.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

EDU 250 CTE in Colorado
1 Credit hour   15 Contact hours
Explores common elements of American community college philosophy and current practices. It details the philosophy of Career and Technical Education (CTE), the federal Carl D. Perkins legislation and related guidelines for CTE, national and state regulatory agencies, the CCCS program approval process, enrollment management and advising strategies, relevant local and national issues, and quality assurance principles.   (CTE credentialing class)

EDU 260 Adult Learning and Teaching
3 Credit hours   45 Contact hours
Examines the philosophy of community colleges and the roles and responsibilities of the faculty member within the college community. Introduces basic instructional theories and applications, with particular emphasis on adult learners. Includes syllabus development, learning goals and outcomes, and lesson plans. Emphasizes teaching to a diverse student body, classroom management, assessment and instructional technology.   (CTE credentialing class)

EDU 261 Teaching, Learning, and Technology
3 Credit hours   45 Contact hours
Prepares students to integrate technology into their teaching curriculum. Enables students to design educational and training materials incorporating instructional technology. Explores a variety of technologies, including the computer, internet, multimedia, graphics, audio, and text with an emphasis on increasing learning through their use. Examines combining technology with a variety of instructional methodologies.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

EDU 263 Teaching and Learning Online
3 Credit hours   45 Contact hours
Provides faculty with the knowledge and skills necessary to design, develop, and deliver courses in a distance format. Focuses on assessment and evaluation methods and methods to incorporate interactive, collaborative and expanded learning activities.
Prerequisite: Successful completion of ENG 060 or CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

EDU 266 Adv College Teaching Methods
1 Credit hours   15 Contact hours
Explores current adult learning theory, and relates this theory to the practice of teaching. It also covers a variety of factors that influence teaching and learning, including social and individual psychological aspects of adult learning, patterns of participation and motivation, the role of instructional technology, handling challenging classroom behaviors, and assessment and evaluation strategies. The main point raised and discussed throughout the course is that effective teaching requires that instructors utilize a range of teaching and assessment approaches and methods in order to enhance learning.   (CTE credentialing class)

EDU 288 Practicum II
0-12 Credit hours To Be Assigned
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: Permission of the Department Chair.

Electricity Industrial/Commercial Course

EIC 105: Basics of AC & DC Electricity
4 Credit hours   90 Contact hours
Focuses on resistance, current, voltage and power in AC and DC circuits; measurements; computations of series and parallel circuits; circuit analysis and troubleshooting with basic test equipment.
Prerequisite: Successful completion of ENY 101 (grade C or higher) or permission of the Department Chair.

Emergency Medical Provider Courses

EMS 115 First 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.
Prerequisites: All incoming EMT students are required to take the Allied Health Program's Health Occupations Basic Entrance Test - HOBET V UNLESS you already have a degree or have successfully completed accredited 100 level English, Math and Science courses with a grade of "C" or better. Testing students must score into or above, Category G (minimum scores: Comprehensive 52.20%, Reading 62.60%, Math 57.20%, English 54.80%, and Science 38.50%).Corequisites: 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.)
Corequisites: 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
4 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.
Corequisites: 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
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.
Corequisites: 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.
Corequisites: 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 126 EMT Basic Refresher
2 Credit hours   60 Contact hours

Provides the student with a refresher course designed to meet the recertification requirements for the State of Colorado and/or a portion of the recertification requirements for National Registry.
Prerequisites: State of Colorado EMT-B certification and permission from the department required.

EMS 154 Trauma Life Support
1 Credit hour   15 Contact hours

Prepares the EMS provider to assess and manage trauma patients in the pre-hospital setting.

EMS 170 EMT-Basic Clinical
1 Credit hour   48 Contact hours
Provides EMT students with the clinical experience required of initial and some renewal processes.
Corequisites: EMS 121, EMS 122, EMS 123, and EMS 124.   (Students must en-roll in the same section as EMS 121 for a total of 12 credits.)

EMT – Paramedic Courses

EMS 220 Paramedic Refresher
3 Credit hours   72 Contact hours
Updates the EMT-P in four specific areas of pre-hospital emergency care. Includes trauma, medical, Advanced Life Support (ALS) and elective topics focused on ancillary issues in EMS.

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.
Prerequisites: State of Colorado EMT, IV, and CPR Certifications. All incoming Paramedic students are required to take the Allied Health Program's Health Occupations Basic Entrance Test - HOBET V UNLESS you already have a degree or have successfully completed accredited 100 level English and Math courses and BIO 106 with a grade of "C" or better. Testing students must score into or above, Category L (minimum scores: Comprehensive 60.00%, Reading 70.30%, Math 67.90%, English 58.50%, and Science 47.40%) and Permission of the Department.
Co-requisite: 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
Lab experience to coincide with EMS 225 topics.
Prerequisites: Permission from the department.
Co-requisite: 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
Comprehensive study of Advanced Life Support Practice.

Prerequisites: EMS 225 and permission from the department.
Co-requisite: 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
Lab experience for students enrolled in EMS 227.
Prerequisites: Permission of the department.
Co-requisite: 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.
Prerequisites: 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
Required lab course in paramedic education program.
Prerequisites: Permission of the department.
Co-requisite: 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.
Co-requisite: 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
Hands-on application of principles of cardiac care in the hospital environment.
Prerequisites: Permission of the department.
Co-requisite: 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
Focuses on a comprehensive study of adult medical emergencies.
Prerequisites: Permission of the Department.
Co-requisite: EMS 228, EMS 230, EMS 231, EMS 232, EMS 234, EMS 236, and EMS 237.   (Students must enroll in the same section as EMS 228 for a total of 18 credits.)

EMS 234 Paramedic Medical Emergencies – Lab
1 Credit hour   30 Contact hours
Clinical study of adult and pediatric medical emergencies.
Prerequisites: Permission of the department
Co-requisite: EMS 227, EMS 228, EMS 230, EMS 231, EMS 232, EMS 236, and EMS 237. (Students must enroll in the same section as EMS 227 for a total of 17 credits.)

EMS 235 Paramedic Trauma Emergencies
4 Credit hours   60 Contact hours
Expands on the paramedic student's knowledge of trauma emergencies with the integration of assessment findings in formulating a field impression and implementing a treatment plan for an acutely injured patient. The course will provide an in depth evaluation of trauma to include: categorization of trauma patients, incidence of trauma, trauma systems, types of injury, trauma assessment, documentation in trauma, trauma scoring scales, trauma center designations, and transfer of patients.
Prerequisites: Permission of the department.
Co-requisite: EMS 225, EMS 226, EMS 227, and EMS 229. (Students must enroll in the same section as EMS 225 for a total of 15 credits.)

EMS 236 Paramedic Trauma Emergencies – Lab
1 Credit hour   30 Contact hours
Lab presenting various acute trauma scenarios.
Prerequisites: Permission of the department.
Co-requisite: EMS 227, EMS 228, EMS 230, EMS 231, EMS 232, EMS 234, and

EMS 237 (Students must enroll in the same section as EMS 227 for a total of 17 credits.)

EMS 237 Paramedic Internship Preparatory
2 Credit hours   30 Contact hours
Reviews concepts and techniques used in the pre-hospital setting.
Prerequisites: Permission of the department.
Co-requisite: EMS 227, EMS 228, EMS 230, EMS 231, EMS 232, EMS 234, and EMS 236.   (Students must enroll in the same section as EMS 227 for a total of 17 credits.)

EMS 275 Special Topics
0-12 Credit hours   Contact hours vary
Provides students with a vehicle to pursue in-depth explration of special topics.

EMS 279 Seminar
0-12 Credit hours   Contact hours vary
Provides students with an experiential learning opportunity.

EMS 280 Paramedic Internship I
6 Credit hours   250 Contact hours
Preceptor/Internship program for paramedic students and the third phase of the course of National Standard Paramedic Curriculum as approved by the Colorado State Department of Health and Environment.
Prerequisites: Permission of the department.
Co-requisite: EMS 281. (Students must enroll in the same section as EMS 280 for a total of 12 credits.)
Course Note: Paramedic Clinical Internship.

EMS 281 Paramedic Internship II
6 Credit hours   250 Contact hours
Preceptor/Internship program for paramedic students.
Co-requisite: EMS 280. (Students must enroll in the same section as EMS 280 for a total of 12 credits).
Course Note: Paramedic Field Internship.

Energy Technologies Courses

ENY 101: Introduction to Energy Technologies
3 Credit hours   75 Contact hours
Introduces the energy technologies in use today and those that are in the research stage as possible alternatives.   Presents technologies including active solar heating, passive solar heating, wind energy systems, biomass, photovoltaics, co-generation, low and high head hydro,

hydrogen, geothermal, power towers and energy storage systems.
Prerequisite: Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95+, RC: 80+) and successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA 060).

ENY 121 Solar Photovoltaic Components
3 Credit hours   75 Contact hours
Reinforces basic safety principles and provides detailed knowledge of photovoltaic components. Also covered is an overview of site analysis and special purpose tools. Upon successful conclusion of this course the student will be able to select proper components for a photovoltaic system based on regulatory codes and standards and individual component specifications.
Prerequisite: Successful completion of ENY 101 and EIC 105 (grade C or higher) or permission of the Department Chair.

ENY 127 Solar Photovoltaic System Installation
3 Credit hours   75 Contact hours
Emphasizes safe work practices while familiarizing the student with the intricacies of installing a photovoltaic (PV) system. This course takes the student through the process from the initial site survey to system commissioning and culminates with a hands-on installation.
Prerequisite: Successful completion of ENY 101 and EIC 105 (grade C or higher) or permission of the Department Chair.

Engineering Courses

EGG 151 Experimental Design (Introduction to Experimental Design and Engineering)
2 Credit hours   60 Contact hours

Introduces the student to the design and construction of scientific and engineering experiments. Includes the entire life cycle of the experiment, from design, to construction, to analysis of data and communication of final results.
Prerequisites: Permission of the Instructor

English as a Second Language Courses

ESL 001 Basic Spelling
3 Credit hours   45 Contact hours
Introduces students to techniques which increase basic spelling skills in English. Includes structured word analysis, rule analysis and spelling strategies for words not governed by rules.

Prerequisite: Appropriate score on assessment test.

ESL 021 Basic Grammar
3 Credit hours   45 Contact hours
Assists students in mastering basic structures in English grammar through oral and written practice.
Prerequisite: Appropriate score on assessment test.

ESL 022 Intermediate Grammar
3 Credit hours   45 Contact hours
Reviews basic grammar and introduces intermediate structures. Provides integrated practice through a variety of oral and written exercises.
Prerequisite: Successful completion of ESL 021 (grade C or higher) or equivalent assessment scores.

ESL 023 Advanced Grammar
3 Credit hours   45 Contact hours
Reviews intermediate grammar. Introduces advanced structures with increased emphasis on written communication.
Prerequisite: Successful completion of ESL 022 (grade C or higher) or equivalent assessment scores.

ESL 031 Basic Listening and Speaking
3 Credit hours   45 Contact hours
Focuses on listening and speaking activities that help students communicate more competently in the college classroom. Provides practice with pronunciation, vocabulary, note taking, and basic grammatical patterns.
Prerequisite: Appropriate score on assessment test.

ESL 032 Intermediate Listening and Speaking
3 Credit hours   45 Contact hours
Teaches listening, pronunciation, note taking, and conversation skills related to communication in the college classroom. Increases speed and accuracy in speaking through free and guided conversational practice.
Prerequisite: Successful completion of ESL 031 or ESL 021 or ESL 041 or ESL 051 (grade C or higher) or equivalent assessment scores.

ESL 033 Advanced Listening and Speaking
3 Credit hours   45 Contact hours
Provides students with opportunities to increase the listening and speaking skills required in academic and work situations. Emphasizes vocabulary building, listening and note taking strategies, as well as questioning, discussion, and presentation skills.
Prerequisite: Successful completion of ESL 032 or ESL 022 or ESL 042 or ESL 052 (grade C or higher) or equivalent assessment scores.

ESL 041 Basic Reading
3 Credit hours   45 Contact hours
Improves comprehension of simple written texts through vocabulary building and reading strategies. Presents techniques to develop and increase word attack skills, vocabulary use, and overall comprehension.
Prerequisite: Successful completion of ESL 021 or ESL 031 (grade C or higher) or equivalent assessment scores.

ESL 042 Intermediate Reading
3 Credit hours   45 Contact hours
Helps the student read more quickly and accurately and understand a variety of more complex reading material.
Prerequisite: Successful completion of ESL 041 or ESL 022 and ESL 051 (grade C or higher) or equivalent assessment scores.

ESL 043 Advanced Reading
3 Credit hours   45 Contact hours
Prepares the student for academic reading assignments. Assists the student to read more accurately and critically through the development of vocabulary knowledge and reading skills. Introduces research skills.
Prerequisite: Successful completion of ESL 042 or ESL 023 and ESL 052 (grade C or higher) or equivalent assessment scores.

ESL 051 Basic Composition
3 Credit hours   45 Contact hours
Introduces fundamentals of sentence structure and development. Assists the student in developing sentence variety and grammatical competency needed to perform both personal and academic writing tasks.
Prerequisites: Successful completion of ESL 021 and ESL 041 (grade C or higher) or equivalent assessment scores.

ESL 052 Intermediate Composition
3 Credit hours   45 Contact hours
Introduces the fundamentals of paragraph organization and development. Assists students in developing sentence variety and grammatical competency within well organized paragraphs.
Prerequisite: Successful completion of ESL 051 and ESL 022 (grade C or higher) or equivalent assessment scores.

ESL 053 Advanced Composition
4 Credit hours   60 Contact hours
Reviews paragraph organization and develops the skill of writing essays using selected rhetorical modes. Emphasizes accurate use of advanced grammatical structures. Includes summarizing, paraphrasing, and research writing.
Prerequisite: Successful completion of ESL 052 and ESL 023 (grade C or higher) or equivalent assessment scores.

English Courses

ESL 055 Computer Basics for ESL Students
2 Credit hours   30 Contact hours
Introduces the basic skills for computer use, including keyboarding, using Windows, word processing, text entry, document appearance, editing, printing, and navigating the Internet.
Prerequisites: Successful completion of ESL 021 or ESL 031 or ESL 041 or ESL 051 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of ENG 030 and REA 030 (grade C or higher) or appropriate assessment scores (ACRC 40-61 and ACSS 50-69).

CCR 093 Studio D
3 Credit hours   45 Contact hours
Integrates and contextualizes reading and writing strategies tailored to a co-requisite 100-level course within one or more of the four discipline strands.   The four discipline strands are defined as: Communications, Science, Social Science, and Arts and Humanities.   Non-GT courses are not eligible for this consideration.   Students will read and understand complex discipline specific materials, and respond to ideas and information through writing informative and/or persuasive texts.
Prerequisites: Appropriate assessment scores (ACRC 62-79 and ACSS 70-94).

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.
Prerequisites: Appropriate assessment scores (ACRC 62-79 and ACSS 70-94).
Co-requisite: ENG 121.

ENG 121 English Composition I
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 minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. Basic word processing skills needed.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS: 95+ and RC 80+ or ACTE 18 and ACTR 17 or SAT Verbal 440).
Co-requisite: CCR 094.

Course Note: This is a statewide guaranteed transfer course.

ENG 122 English Composition II
3 Credit hours   45 Contact hours
Expands and refines the objectives of English Composition I. Emphasizes critical and logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. Basic word processing skills needed.
Prerequisite: Successful completion of ENG 121 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

ENG 131 Technical Writing I
3 Credit hours   45 Contact hours
Develops skills students can apply to a variety of technical documents. Focuses on principles for organizing, writing, and revising clear, readable documents for industry, business, and government. Basic word processing skills needed.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

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.
Prerequisite: Successful completion of ENG 131 (grade C or higher).

ENG 201 Composition III: Writing for Public Discourse (GT-CO3)
3 Credit hours   45 Contact hours
Provides students with skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. ENG 201 extends students' rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what they encounter in ENG 122. In ENG 201, students deepen their rhetorical and writing skills by learning to analyze, synthesize, summarize, complex texts and incorporate this information into specific writing conventions for a defined discipline. As a more advanced composition course, ENG 201 provides interested students with the opportunity to continue their exploration of expository writing with the added benefit of learning to write for distinct audiences (format, language, level of specificity, length, and documentation style). Students will also learn effective editing and revising techniques, discipline-specific writing strategies, and how to extend their mastery of rhetorical strategies. While ENG 201 may be taught with the focus in a variety of disciplines (science writing, gender studies, literary criticism, writing in the humanities, business writing, political geography, philosophy, and so on), every discipline will allow students the opportunity to learn how to communicate with specialized audiences and adapt content to the needs of varying rhetorical situations.
Prerequisites: Successful completion of ENG 122 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

ENG 221 Creative Writing I
3 Credit hours   45 Contact hours
Teaches techniques for creative writing. Explores imaginative uses of language through creative genres, fiction, poetry, and literary nonfiction with emphasis on the students' unique style, subject matter, and needs.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ENG 222 Creative Writing II
3 Credit hours   45 Contact hours
Provides continued development of written expression in such forms as poetry, fiction, and/or nonfiction writing.
Prerequisite: Successful completion of ENG 221 (grade C or higher) or permission of Department Chair.

ENG 226 Fiction Writing
3 Credit hours   45 Contact hours
Teaches techniques for creating fiction, including the study and appreciation of the language and forms of the short story.
Prerequisite: Successful completion of ENG 221 (grade C or higher) or permission of Department Chair.

ENG 227 Poetry Writing
3 Credit hours   45 Contact hours
Teaches techniques for creating poems, including study of figurative language, forms, and sound patterns of poetry.
Prerequisite: Successful completion of ENG 221 (grade C or higher) or permission of Department Chair.

ENG 230 Creative Nonfiction
3 Credit hours   45 Contact hours
Teaches students to incorporate literary techniques into factual writing. Enables the student to survey a wide range of readings and analyze form and content.

Includes critical review, biographical profiles, travel writing, and memoirs. Provides the opportunity for students to write and review their own nonfiction in a supportive, constructive setting.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

Environmental Science Courses

ENV 101 Introduction to Environmental Science with Lab (GT-SC1)
4 Credit hours   90 Contact hours

Provides an introduction to the basic concepts of ecology and the relationship between environmental problems and biological systems. Includes interdisciplinary discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. Using a holistic approach, students will study how the foundations of natural sciences interconnect with the environment. This course includes laboratory experience.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (SS 95+, RC: 80+) and MAT 055 (grade C or higher) or equivalent assessment scores (EA 085).

Course Note: This is a statewide guaranteed transfer course.

ENV 110 Natural Disasters (GT-SC2)
3 Credit hours   45 Contact hours
Introduces the student to the different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems which may be increasing the frequency and severity of these events.

Course Note: This course is one of the Statewide Guaranteed Transfer courses.

Ethnic Studies Courses

ETH 200 Introduction to Ethnic Studies (GT-SS3)
3 Credit hours   45 Contact hours
Introduces students to the issues of race and ethnicity. Emphasizes ethnic relations in the United States as it pertains to four major groups: Americans of African, Asian, Latino, and Native descent. Students explore issues of racial and ethnic identity, racism and discrimination, stereotyping, prejudice, segregation, colonialism, integration and acculturation.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.
Course Note: This is a statewide guaranteed transfer course.

ETH 212 African-American Studies
3 Credit hours   45 Contact hours
Explores in-depth introduction of Africans to the colonies and historical developments through modern-day America. Focuses on the decisions and choices which have impacted African-Americans through contemporary times.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

ETH 224 Introduction to Chicano Studies
3 Credit hours   45 Contact hours
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.

Film and Video Media Courses

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: Successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score.
Co-requisite: 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: Successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score.

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: Successful completion of FVM 105, FVM 117, FVM160 (grade C or higher) AND successful completion or concurrent enrollment in FVM 136 AND FVM 150   (grade C or higher).

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.
Prerequisites: Successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score.

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 cinema-

tographers 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: Successful completion of ENG 121 (with a grade of C or better) or equivalent assessment score.

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.
Prerequisites: Successful completion of FVM 105, FVM 136, FVM 160 (grade C or higher) and successful completion of or concurrent enrollment in FVM 117 and FVM 150 (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.
Prerequisites: Successful completion of FVM 105, FVM 136, FVM 160 (grade C or higher) and successful completion of or concurrent enrollment in 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 video post-production with an emphasis on non-linear editing. The student will demonstrate comprehension of basic editing techniques to enhance visual storytelling. The student will learn to critically analyze shot construction, motion and composition in storytelling and character development for the films and exercises they shoot in FVM 105 Video Production I.
Prerequisite: Successful completion of or concurrent enrollment in ENG 121 (with a grade of C or better) or equivalent assessment score.
Co-requisite: FVM 105.

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.
Prerequisites: Successful completion of FVM 105, FVM 136, FVM 160 (grade C or higher) and successful completion of or concurrent enrollment in FVM 117 and FVM 150 (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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, 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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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 Renais.
Prerequisite: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of or concurrent enrollment in ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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.

Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher) or equivalent assessment scores.

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: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160, and (FVM 118, FVM 218, and successful completion or concurrency in FVM 155) or (FVM 205, successful completion or concurrency in FVM 153) or (FVM 155 and successful completion or concurrency in FVM 215) or (FVM 164 and successful completion or concurrency in FVM 215) or (FVM 155 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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 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: Successful completion of FVM 105, FVM 136, FVM 160 and successful completion or concurrent enrollment in FVM 117 and FVM 150 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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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.
Prerequisites: Successful Completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, and (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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, 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.
Prerequisites: Successful completion of ENG 121 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 all (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.
Prerequisites: Successful Completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 153, FVM 160, FVM 200, FVM 205, FVM 206 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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 and (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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher).

FVM 218 Actor Movement and Action
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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150,

FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 118, FVM 136, FVM 150, FVM 160, FVM 217 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of (FVM 105, FVM 117, FVM 136, FVM 150, FVM 160), and (FVM 118, or FVM 155, or FVM 164), or (FVM 153, FVM 205 and successful completion or concurrent enrollment in FVM 206)   (all grade C or higher).

FVM 227 History of Acting
3 Credit hours   60 Contact hours
A chronological education of acting styles, focusing first on acting and storytelling of the ancient world then studying individual achievements in acting methods still used today.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, and FVM 160 (grade C or higher).

FVM 228 Actor Movement & Action II
3 Credit hours   60 Contact hours
This class continues the student's training of physical-based acting techniques. Through the innovative techniques learned in Movement I, students are challenged weekly to expand previous trainings of performance and expression. Introduction of basic stunt work will be illustrated and choreography will also be trained. Techniques that will be used include: Mudra Space Awareness, Five El-

ement Acting, and meisner-based exercises.
Prerequisite: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160, FVM 218 (grade C or higher).

FVM 229 Production Preparation
3 Credit hours   60 Contact hours
Presents a rigorous overview in development and pre-production for Production III projects. Students will analyze, rewrite and polish short scripts in development for production as well as formulate, plan and prepare by scheduling, budgeting, and casting their projects in preparation for production.
Prerequisites: Successful completion of ENG 122 and (FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, FVM 250) and (FVM 200 or FVM 220, or FVM 251) and (FVM 207 or FVM 252 or successful completion or concurrent enrollment in FVM 209) (all grade C or higher).

FVM 236 Creative Producing
3 Credit hours   60 Contact hours
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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, (grade C or higher).

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: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150,

FVM 160, and FVM 208 (grade C or high-er).

FVM 250 Writing for Broadcast Media
3 Credit hours   60 Contact hours
Introduction to the basic skills in developing and writing a feature screenplay or teleplay including conceptualization, genre conventions, act structure, scene construction and character development combined with summarizing and describing written work through pitch session and assessing and discussing through writer's meetings. Students will create final projects working in teams (TV pilots/episodes) or as individuals (screenplays).
Prerequisite: Successful completion of ENG 122 and FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of or concurrent enrollment in ENG 122 (grade C or higher) or equivalent assessment scores and successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (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 liabilities 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.
Prerequisites: Successful completion of ENG 122, and FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, FVM 251 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of ENG 122, and FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, FVM 251 (grade C or higher) or equivalent assessment scores.

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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 and MGD 111 (grade C or higher).

FVM 265 DVD Authoring
3 Credit hours   60 Contact hours
Instructs the student in the basic concepts and skills of DVD authoring. The student will explore the various techniques available in the software program DVD Studio Pro to achieve their technical and artistic visions for DVD projects. Students will analyze and evaluate other interactive products and learn to consider audience participation in the digital environment. Students will apply the techniques in a DVD of their personal work as their final project.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, 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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160, FVM 164, FVM 165 (grade C or higher).

FVM 268 Feature Rewrites Workshop
3 Credit hours   60 Contact hours

Introduces students to the rewriting 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 rewriting process to revise, edit and refine scripts based on peer review and instructor feedback.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, FVM 250, FVM 251, and (FVM 252 or FVM 262), and ENG 122 (all grade C or higher) or equivalent assessment scores for ENG 122.

FVM 269 Screenwriter's Workshop
3 Credit hours   60 Contact hours

Designed as a capstone course for the Screenwriting Program, this class prepares students for the transition from student-learners to working professionals. Students will complete final polishes on scripts rewritten in FVM 268, 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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 155, FVM 160, FVM 250, FVM 251, and (FVM 252 or FVM 262), and ENG 122 (all grade C or higher) or equivalent assessment scores for ENG 122.

FVM 270 Film/Video Production III
3 Credit hours   60 Contact hours
Students take their 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.
Prerequisites: Successful completion of (FVM 105, FVM 117, FVM 136, FVM 150, FVM 160) and (FVM 200, FVM 205, FVM 206, FVM 220 and successful completion of or concurrent enrollment in FVM 213) or [(FVM 200 or FVM 220) and successful completion of or concurrent enrollment in FVM 229 and (FVM 207 or FVM 209)] (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.
Prerequisites: Successful completion of (FVM 105, FVM 117, FVM 136, FVM 150, FVM 160), and [(FVM 207, FVM 229, FVM 270) or (FVM 165, FMV 208, 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 documentary production program that can lead to federal scholarships upon the completion of 300 hours of work.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher).

FVM 275 Special Topics in Film Video
3 Credit hours   60 Contact hours
Offers a variety of courses on a one-time or experimental basis. Courses can include skills, production, or appreciation content.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher).

FVM 287 Internship
3 Credit hours   TBA Contact hours
Provides Internship in the industry. Minimum of 130 hours.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160) and (FVM 200 or FVM 220) (grade C or higher) AND Instructor permission.

MGD 111 Adobe Photoshop I
3 Credit hours   60 Contact hours
Concentrates on the high-end capabilities of a raster photo-editing software 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.

Prerequisites: Film Video Media courses: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, and FVM 160 (grade C or higher).
Prerequisites: Art and New Media courses: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MGD 119 Maya 1
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.
Prerequisites: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160 (grade C or higher).
No prerequisites for Art and New Media courses.

MGD 141 Web Design I
3 Credit hours   60 Contact hours
Introduces web site planning, design, and creation using industry-standards-based web site development tools. Explores screen-based color theory, web aesthetics, use of graphics editors, and intuitive interface design.
Prerequisites: Successful completion of MGD 102 and successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

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. Students will learn how to animate objects, create symbols, and assemble motion tweens.
Prerequisites: Art and New Media courses: Successful completion of MGD 102 and successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MGD 153 3-D Animation I
3 Credit hours   60 Contact hours
Encompasses all major aspects of creating 3D characters using animation software. Using developed characters, students will learn how to animate for personality.

MGD 219 Maya II
3 Credit hours   60 Contact hours
Explores in-depth Maya animation techniques. Also, the student will be exposed to rigging characters for animation.
Prerequisite: Film Video Media courses: Successful completion of FVM 105, FVM 117, FVM 136, FVM 150, FVM 160, and MGD 119 (grade C or higher);

Art and New Media courses: Successful completion of MGD 119 (grade C or higher).

MGD 253 3-D Animation II
3 Credit hours   60 Contact hours
Addresses more advanced aspects of creating 3D characters on the computer. Students also examine facial animation, lip synchronization, scene design, and lighting set-ups.
Prerequisite: Successful completion of MGD 153 (grade C or higher).

MGD 266 DVD Authoring
3 Credit hours   60 Contact hours
Introduces students to all aspects of DVD authoring: covering source acquisition, DVD production, interface design, organization, management, and appropriate DVD output solutions.

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 101 Firefighter II
6 Credit hours   45 Contact hours
Addresses the requirements necessary to perform at the second level of progression as identified in NFPA 1001, Level II Fire Fighter Professional Qualifications.

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.
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 103 Fire Behavior and Combustion
3 Credit hours   45 Contact hours
Explores the theories and fundamentals of how and why fires start, spread, and are controlled.
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.
New course effective Summer 2013.

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 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 Practices
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.
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 110   Job Placement and Assessment
3 Credit hours   45 Contact hours
Addresses all aspects of the Fire Service entrance examination process and especially emphasizes various components of the exam, including the written, physical abilities, and oral interview. The objective of this class is to help increase the entrance firefighter candidate's chance of obtaining a career in the Fire Service.

FST 121 Technical Rope Rescue
4 Credit hours   60 Contact hours
Provides students with the knowledge and skills to handle low and high angle rescues rope and associated hardware. Takes students from the introductory level up to advanced skills in three separate sessions. Belay, rappel, and raising systems are taught in a real-life setting in both high and low-angle rescue environments. Students are also taught care and maintenance of equipment.

FST 126 Vehicle Extrication Awareness
1 Credit hour   15 Contact hours

Provides the student with entry level knowledge and skills to safely operate at the scene of a vehicle/machinery extrication. Training in this course represents the minimum level of training needed to respond to a vehicle extrication incident.

FST 127 Vehicle Extrication Operation
2 Credit hours   30 Contact hours

Expands and refines the objectives of FST 126. Students shall be capable of hazard recognition, equipment use, and techniques necessary to operate safely and effectively at incidents involving persons injured or entrapped in a vehicle or machinery.

FST 128 Vehicle Extrication Technician
3 Credit hours   45 Contact hours

Expands and refines the objectives learned in FST 127. Training in this course represents the highest level of operation at the rescue scene involving vehicle extrication. Students shall be capable of hazard recognition, equipment use, and techniques necessary to operate and effectively supervise at incidents involving

persons injured or entrapped in a vehicle or machinery.

FST 132 Structural Collapse
2 Credit hours   30 Contact hours
Covers the causes and types of structural collapse and the associated hazards; specific zones of collapse; ICS/IMS System; tools, equipment, and materials used in a structural collapse incident; shoring and equipment monitoring techniques; personal protective equipment and gear for structural collapse incidents.

FST 133 Trench Rescue
2 Credit hours   30 Contact hours
Covers trench types; trench versus excavation rescues; soil types encountered at trench rescue sites; collapse dynamics; ICS/IMS; equipment, materials, and tools used for rescue operations; personal protection issues; trench shoring; and victim extrication.

FST 134 Confined Space Rescue
2 Credit hours   30 Contact hours
Covers the definition of confined space; OSHA considerations and permit requirements; monitoring instruments; ICS/IMS; victim contact; breathing apparatus such as SABA/SCBA; communications and equipment, e.g., radio/hardwired; patient packaging; rescue versus recovery; and patient extrication.

FST 135 Ice Water Rescue
2 Credit hours   30 Contact hours
Covers types of ice encountered in ice water rescue; ICS/IMS; ice strength; patient evaluation and contact; rescue equipment; ice water rescue techniques; rescue suit safety; belay line and shore support; hypothermia; Zodiac boat techniques; and victim rescue.

FST 136 Swift Water Rescue
2 Credit hours   30 Contact hours
Covers fast water hazards and risk analysis relating to swift water rescue; low head dam; ICS/ IMS; victims in vehicles; rescue equipment and techniques; rope systems and throw bags; reach/throw/go; rescuer safety and shore support; and personal protective equipment.

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
Covers fire department organization, management philosophies, leadership traits, time management, group dynamics, communications, motivation counseling, conflict resolution, and employee discipline. Meets components of Fire Officer I State Certificate.

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 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.

FST 254 HazMat Technician Level
3 Credit hours   45 Contact hours
Focuses on techniques associated with hazardous materials mitigation, the use of monitoring devices, components of a mitigation teams, command and control of hazardous materials incidents.
Prerequisites: Successful completion of FST 107, FST 202, and FST 253 (grade C or higher).

FST 255 Fire Service Management
3 Credit hours   45 Contact hours
Serves as the basic management course for present and potential members of the fire service, and for students and members of other fire science-related professions. Introduces the student to current management practices and philosophies and real-world applications from the supervisor's point of view. Covers decision making/problem solving, communication skills, conflict resolution, creativity and innovation, as well as the role of the manager in supervising personnel and programs, e.g., motivation, leadership, counseling, ethics, and handling discipline and grievances.

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.

Fire Science Wildland Courses

FSW 100 S-190 Introduction to Wildland Fire Behavior
1 Credit hour   15 Contact hours

Provides instruction in the primary environmental factors that affect the start and spread of wildfire and recognition of potentially hazardous situations. This course can be taught in conjunction with or prior to Firefighting Training S-130.

FSW 101 S-130 Firefighting Training
2 Credit hours   30 Contact hours

Provides entry-level firefighter skills. A version of the L-180, Human Factors on the Fireline, is included as part of the course. Credit should be issued for S-130.

French Courses

FRE 101 Conversational French I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational French and focuses on understanding and speaking French. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

FRE 102 Conversational French II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak French. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of FRE 101 (grade C or higher).

FRE 111 French 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 (SS 70+, RC: 62+).

FRE 112 French 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 FRE 111 (grade C or higher) or permission by the Department Chair.

FRE 201 Conversational French III
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking French. Covers intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of FRE 102 (grade C or higher).

FRE 202 Conversational French IV
3 Credit hours   45 Contact hours

Continues the sequence for students to advance their study of understanding and

speaking French. Covers intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of FRE 201 (grade C or higher).

FRE 211 French Language III (GT-AH4)
3 Credit hours   45 Contact hours
Continues French I and II in the development of increased functional proficiency in listening, speaking, reading and writing the French language.   Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of FRE 112 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

FRE 212 French Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues French Language I, II and III in the development of increased functional proficiency in listening, speaking, reading and writing the French language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of FRE 211 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

FRE 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 by the Instructor.

Geography Courses

GEO 105 World Regional Geography (GT-SS2)
3 Credit hours   45 Contact hours
Examines the spatial distribution of environmental and societal phenomena in the world's regions; environmental phenomena may include topography, climate, and natural resources; societal phenomena may include patterns of population and settlement, religion, ethnicity, language, and economic development. Analyzes the characteristics that define world regions and distinguish them from each other. Examines the relationships between physical environments and human societies. Examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

GEO 106 Human Geography (GT-SS2)
3 Credit hours   45 Contact hours
Introduces students to geographic perspectives and methods in the study of human societies by examining the spatial characteristics of populations, language, religion, ethnicity, politics, and economics. Examines the relationships between physical environments and human societies.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

GEO 111 Physical Geography-Landforms with Lab (GT-SC1)
4 Credit hours   60 Contact hours
Introduces students to the principles of Earth's physical processes, emphasizing landforms, soils, and hydrology. Examines the formation and distribution of landforms, such as mountains, valleys, and deserts, and their shaping by fluvial and other processes. The course incorporates an integrated process of lectures, discussion, and laboratory assignments.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

GEO 112 Physical Geography-Weather and Climate with Lab (GT-SC1)
4 Credit hours   60 Contact hours
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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

Geology Courses

GEY 111 Physical Geology, with Lab (GT-SC1)
4 Credit hours   90 Contact hours
Studies the materials of the earth, its structure, surface features, and the geologic processes involved in its development. Includes laboratory experience.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (Grade C or higher) or equivalent assessment score (SS 95+, RC: 80+) and MAT 050 (Grade C

Course Note: This is a statewide guaranteed transfer course.

or higher) or equivalent assessment score (EA 085).
Course note: This is a statewide guaranteed transfer course.

GEY 112 Historical Geology, with Lab (GT-SC1)
4 Credit hours   90 Contact hours
Studies the physical and biological development of the earth through the vast span of geologic time.   Emphasizes the investigation and interpretation of sedimentary rocks, the record of ancient environments, fossil life forms, and physical events, all within the framework of shifting crustal plates. Course includes laboratory experience.
Prerequisite: Successful completion of GEY 111 (grade C or higher) or permission of Instructor.

Course Note: This is a statewide guaranteed transfer course.

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.

Prerequisites: Successful completion of ENG 090 and MAT 090 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

GEY 140 Introduction to Global Positioning Systems
1 Credit hour   15 Contact hours
Provides instruction on the use and application of hand-held global positioning systems (GPS). Includes navigation, using a GPS with a topographic map, mapping geologic and man-made features using a GPS and exchanging information with computerized digital maps.

GEY 145 Earth Science
4 Credit hours   60 Contact hours
Provides opportunities for students to develop comprehensive concepts basic to the earth, its materials, processes, history, and environment. Part one will pertain to mineral identification, igneous, sedimentary, and metamorphic rocks, the rock cycle, the earth's interior, land formation, theory of plate tectonics, formation of rivers and streams, the hydrologic cycle, and topographic maps. Part two gives an overview of weather and climate and how

they relate to earth and its processes. Part three provides an overview of the solar system, stars, galaxies, and the most recent scientific discoveries in astronomy. Part four is focused on oceanography as it studies the composition of oceans, seafloor, and diversity of ocean life. Field and in-classroom laboratory investigations of selected topics in the specific content areas are an integral part of the course. Lab and field safety training provided.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (Grade C or higher) or equivalent assessment score (SS 95+, RC: 80+) and MAT 050 (Grade C or higher) or equivalent assessment score (EA 060).

GEY 208 Geology Field Trip
3 Credit hours   113 Contact hours
Involves in-depth field studies into the geology of specific regions both within and outside Colorado. Trips lasting from one to several days' length to study the area constitute the major activity of the course. The specific area of investigation is indicated in the schedule of classes each time the course is offered.
Prerequisite: Permission of Instructor.

GEY 275 Special Topics
0-12 Credit hours   5-90 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: Permission of Instructor.

GEY 285 Independent Study
0-12 Credit hours   15-90 Contact hours
Meets the individual needs of student. Students engage in intensive study or research under the direction of a qualified instructor.
Prerequisite: Permission of Instructor.

German Courses

GER 101 Conversational German I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational German and focuses on understanding and speaking German. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

GER 102 Conversational German II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak German. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of GER 101 (grade C or higher).

GER 111 German 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 on CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

GER 112 German 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 GER 111 (grade C or higher) or permission by the Department Chair.

GER 201 Conversational German III
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking German. Focuses on intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of GER 102 (grade C or higher).

GER 202 Conversational German IV
3 Credit hours   45 Contact hours
Continues the sequence for students to advance their study of understanding and speaking German. Focuses on intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of GER 201 (grade C or higher).

GER 211 German Language III (GT-AH4)
3 Credit hours   45 Contact hours
Continues German Language I and II in the development of increased functional proficiency in listening, speaking, reading and writing the German Language. Note: The order of topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of GER 112 (grade C or higher) or permission by the Department Chair.
Course Note: This is a statewide guaranteed transfer course.

GER 212 German Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues German Language I, II and III in the development of increased functional proficiency in listening, speaking, reading and writing the German language. Note: The order of the topics and the method-
ology will vary according to individual texts and instructors.
Prerequisite: Successful completion of GER 211 (grade C or higher) or permission by the Department Chair.
Course Note: This is a statewide guaranteed transfer course.

GER 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 by the Instructor

Government Courses

(See Political Science Courses)

Health Professional Courses

HPR 100 Introduction to Health
3 Credit hours   45 Contact hours
Provides an exploratory course for students interested in a health career. Basic health skills such as vital signs and CPR will be included.

HPR 106 Law & Ethics for Health Professionals
2 Credit hours   30 Contact hours
Introduces student to the study and application medico-legal concepts in medical careers. This course seeks to establish a foundation for ethical behavior and decision making in health professions.

HPR 102
.5 Credit hours   7.5 Contact hours
Meets the requirements for American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for those who work in Emergency Services, Health Care and other professional areas. Material presented in this course is basic patient assessment, basic airway management, rescue breathing, AED use and CPR for infant, children and adult patients.

HPR 116 Computers in Health Care
1 Credit hour   15 Contact hours
Introduces the learner to use of personal computer technology and the concepts of software applicable to health care. Basic features of selected software, terminology related to hardware, software and online resources (which include PC, word processing, e-mail) and electronic

health-based research will be emphasized. Provides opportunities for practical applications of computer skills to nursing care.

HPR 117 Anatomical Kinesiology
3 Credit hours   45 Contact hours
Studies the Anatomical Bases of Human Movement.

Prerequisites: Permission of the Instructor.

HPR 127 Home Health Care Assistant I
1 Credit hour   15 Contact hours
Provides skills through lecture and hands-on lab and experience in both the classroom environment. Topics include family dynamics, communications skills, and boundaries. This homemaker assistant course will allow for attendance to basic client needs while providing companionship. This course of study can be the foundation towards assisting the client in their home setting.

HPR 129 Home Health Care Assistant II
1 Credit hour   15 Contact hours
Provides skills through lecture and hands-on lab, experience in both the classroom environment as well as the household sites. Topics include chronic illness & dying, marketing yourself. This course is designed to provide home care by assistants who attend to advanced medical client needs in the home while continuing to provide companionship. This course requires students to successfully complete homemaker assistants and personal care assistance prior to enrollment and requires the completion of the skills check list with instructor approval prior to participation in the practicum.

HPR 175 Special Topics
.5 Credit hour   7.5 Contact hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.

HPR 178 Medical Terminology
2 Credit hours   30 Contact hours
Introduces the student to the structure of medical terms with emphasis on using and combining the most common prefixes, roots, and suffixes. Includes terms related to major body systems, oncology, psychiatry, as well as clinical laboratory and diagnostic procedures and imaging. Class structure provides accepted pronunciation of terms and relative use in a healthcare setting.

HPR 179 Seminar
2 Credit hours   30 Contact hours
Provides students with an experiential learning opportunity.

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.

HPR 208 Advanced Medical Terminology
2 Credit hours   30 Contact hours
Continues from a beginning medical terminology course for the student with emphasis on combining complex prefixes, roots and suffixes. Includes pathophysiology for major body systems. Includes terms related to diagnostic tools per body systems, as well as commonly used medical abbreviations

HPR 209 Pathway to Professional Nursing: Quality Improvement and Safety
3 Credit hours   45 Contact hours
Introduces students in the Integrated Pathway to Baccalaureate Nursing Program to professional nursing within the culture of healthcare safety and quality improvement.   Through lecture, class discussion, group projects, service learning activities, case studies and written and oral presentations of course topics, students will be introduced to nursing as a profession including an understanding of the context of nursing; 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; and interpersonal communication abilities critical to the nurse-patient relationship.
Prerequisites/Co-requisite: Acceptance into the Integrated Pathway to Baccalaureate Nursing Education Program or permission of faculty

HPR 219 Professional Nursing Pathway II
3 Credit hours   45 Contact hours
Building on the introduction to professional nursing established in HPR 209, this course is a continued investigation of the culture of healthcare safety and quality improvement. Concepts to be studied include the role of culture in the nurse-patient relationship; application of communication skills and attitudes; an exploration of non-acute nursing roles;

quality improvement and safety competencies, and evidence based practice.
Prerequisites: Successful completion of HPR 209 (grade C or higher) and acceptance into the Integrated Nursing Pathway Program at CCA.

HPR 275 Special Topics
3 Credit hours   45 Contact hours
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Health Wellness Education Courses

HWE 100 Human Nutrition
3 Credit hours   45 Contact hours
Introduces basic principles of nutrition with emphasis on personal nutrition. Satisfies nutrition requirement of students entering health care professions.
Prerequisite: Successful completion of REA 060 and ENG 060 or CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

HWE 100 Human Nutrition
3 Credit hours   45 Contact hours
Introduces basic principles of nutrition with emphasis on personal nutrition. Satisfies nutrition requirement of students entering health care professions.
Prerequisites: Successful completion on CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

HWE 103 Community First Aid and CPR
1 Credit hour   15 Contact hours
Prepares the student for certification in CPR and Basic First Aid. Skills will include basic life support, airway obstruction, control of bleeding, shock, and patient care for the unconscious.
Prerequisites: Permission of the Instructor.

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.
Prerequisites: Permission of the Instructor.

HWE 120 Wilderness First Aid
1 Credit hour   15 Contact hours
Provides limited medical information to cope with basic wilderness emergencies.

HWE 121 Wilderness First Aid and Outdoor Emergency Care
2 Credit hours   30 Contact hours
Provides more advanced wilderness care for the First Responder or EMT provider.
Prerequisites: Requires current certification as First Responder or EMT.

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.
Prerequisites: Permission of the Instructor.

HWE 129 Wilderness First Responder
4 Credit hours   67.5 Contact hours
Provides the student with those skills and emergency medical care techniques used by guides, trip leaders and others providing primary care in backcountry setting. The student will be able to respond correctly to those medical and trauma situations commonly encountered when entry into the EMS system is delayed or unlikely.

HWE 130 WFR Refresher
1 Credit hour   22.5 Contact hours
Meets the standards for recertification of a Wilderness First Responder certification. Topics to be included are CPR, patient assessment, trauma, medical, and environmental emergencies. This course is required to maintain a current Wilderness First Responder certification, which must be recertified every three years.
Prerequisites: Requires current certification as First Responder or EMT.

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.
Prerequisites: 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-impairing 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.
Prerequisites: Permission of the Instructor.

HWE 237 Exercise, Nutrition and Body Composition
3 Credit hours   45 Contact hours
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.
Prerequisites: 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.
Prerequisites: Permission of the Instructor.

HWE 248 Exercise Testing Prescription
3 Credit hours   45 Contact hours
Provides the student with the opportunity to conduct laboratory fitness assessments, evaluate test results and develop exercise prescriptions. In addition, the student will be expected to become knowledgeable about liability issues and the promotion and marketing of fitness programs.
Prerequisites: 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.
Prerequisites: Permission of the Instructor.

HWE 255 Certified Personal Trainer Preparatory Course
3 Credit hours   45 Contact hours
Provide the student with theoretical knowledge and practical skills in preparation for a nationally recognized personal training certification approved by the Colorado Community College System. These Certifications are limited to the following: ACSM, ACE, NSCA, NCSF, AFAA, and AEA. Upon certification, the student will have the ability to develop and implement exercise programs for healthy populations and/or those individuals with medical clearance to exercise.
Prerequisites: 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.
Prerequisites: Permission of the Instructor.

Hebrew Courses

HEB 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 by the Instructor

History Courses

HIS 101 Western Civilization: Antiquity - 1650 (GT-HI1)
3 Credit hours   45 Contact hours
Explores a number of events, peoples, groups, ideas, institutions, and trends that have shaped Western Civilization from the prehistoric era to 1650. Reflects the multiple perspectives of gender, class, religion, and ethnic groups. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 102 Western Civilization: 1650 - Present (GT-HI1)
3 Credit hours   45 Contact hours
Explores a number of events, peoples, groups, ideas, institutions, and trends that have shaped Western Civilization from 1650 to the present. Reflects the multiple perspectives of gender, class, religion, and ethnic groups.   Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline. This is a stand-alone course; HIS 101 is not a prerequisite.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 111 The World: Antiquity - 1500 (GT-HI1)
3 Credit hours   45 Contact hours
Explores a number of peoples, groups, ideas, institutions, and trends that have shaped World History from the prehistoric era to 1500.   Reflects the multiple perspectives of gender, class, religion, and ethnic groups in a broad global sense. Focuses on the common denominators among all people.   This approach goes beyond political borders to provide a better appreciation for different cultures. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 112 The World: 1500 - Present (GT-HI1)
3 Credit hours   45 Contact hours
Explores a number of peoples, groups, ideas, institutions, and trends that have shaped World History from 1500 to the present.   Reflects the multiple perspectives of gender, class, religion, and ethnic groups in a broad global sense.   Focuses on the common denominators among all people.   this approach goes beyond political borders to provide a better appreciation for different cultures.   Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.   This is a stand-alone course; HIS 111 is not a prerequisite.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 121 US History to Reconstruction (GT-HI1)
3 Credit hours   45 Contact hours
Explores events, trends, peoples, groups, cultures, ideas, and institutions in North America and United States history, including the multiple perspectives of gender, class, and ethnicity, between the period when Native American Indians were the sole inhabitants of North America and the American Civil War. Focus is on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: Formerly HIS 201; This is a statewide guaranteed transfer course.

HIS 122 US History Since Civil War (GT-HI1)
3 Credit hours   45 Contact hours
Explores events, trends, peoples, groups, cultures, ideas, and institutions in United States history, including the multiple perspectives of gender, class, and ethnicity, between the period of the American Civil War and the present. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline. This is a stand-alone course; HIS 121 is not a prerequisite.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: Formerly HIS 122; This is a statewide guaranteed transfer course.

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

HIS 206 U.S. Family History and Genealogy
3 Credit hours   45 Contact hours
Introduces genealogical and historical methods, sources, and standards for creating a family history using the broader context of social history - ordinary people's everyday lives.

HIS 207 American Environmental History (GT-HI1)
3 Credit hours   45 Contact hours
Traces and analyzes the relationships between Americans and their natural environments throughout the history of the United States. Environmental history interprets the changing ways diverse people have used and viewed their environments over time. Examines the development of conservation movements and environmental policies in modern America.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 the current conditions. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 215 Women in U.S. History (GT-HI1)
3 Credit hours   45 Contact hours
Examines women's changing roles in American history from the pre-colonial native population to the present. Emphasizes the nature of women's work and the participation of women in the family, political, religious, and cultural activities, and in social reform movements. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 and mountain men, the gold rush, railroad builders, the cattlemen and farmers, the silver boom, the tourists, and the modern state. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 236 U.S. History Since 1945 (GT-HI1)
3 Credit hours   45 Contact hours
Focuses on the major political, economic, social, and cultural developments that have shaped modern America from 1945 to the present.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 243 History of Modern China (GT-HI1)
3 Credit hours   45 Contact hours

This course traces the political, ideological, economic, religious, social, and cultural developments of modern China from the Qing dynasty through the political and economic revolutions of the 20th century.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 245 U.S. in the World (GT-HI1)
3 Credit hours   45 Contact hours

Focuses on major themes of United States history in the context of worldwide historical phenomena, including global contacts and exchange, colonial frontiers and international trade, America's influence on the age of revolutions, industrialization and movement of populations, urbanization and rural change, and expansion of state power and rise of social movements. Through readings and discussions on problems in political, social, public and personal history, students will gain an understanding of historical processes and methodology and will learn how to use critical historical analysis in order to achieve a greater perspective on the US's role in world history.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 and nation-states from 1900 to the present. Emphasizes the interactions of global regions and nation-states. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 249 History of Islamic Civilization (GT-HI1)
3 Credit hours   45 Contact hours
Surveys the tenets of Islam and the political, social and cultural history of the civilizations which embraced it from the 6th century to the modern day. Focuses on

the diversity and dynamism of Islamic civilizations through time by looking at legal systems, scientific and artistic accomplishments, philosophical heterogeneity and political developments. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 250 African American History (GT-HI1)
3 Credit hours   45 Contact hours
Explores the experiences and contributions of African Americans from the colonial period, to the present. Emphasizes the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

HIS 255 The Middle Ages (GT-HI1)
3 Credit hours   45 Contact hours
Focuses on political, social, cultural, economic and intellectual developments in Europe, Byzantium and the Islamic world from the collapse of Rome through the Renaissance, approximately A.D. 400-1400. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 260 U.S. Foreign Relations History (GT-HI1)
3 Credit hours   45 Contact hours
Provides an overview of the history of United States foreign relations from the colonial era to the present and includes the pertinent political, military, economic, diplomatic, social, religious, ideological and cultural topics. At various points, issues such as race, class, gender, immigration, expansion, and the environment will be covered. This course also focuses on developing, practicing and strengthening the skills historians use while constructing knowledge in the discipline.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 265 Writing about History (GT-CO3)
3 Credit hours   45 Contact hours

This course develops the skills of historical writing, including the use of rhetorical devices in persuasive historical arguments, critical analysis of historical problems, writing and revision of multiple drafts, different technologies of research and writing, and evaluation of historical sources for relevance and reliability. Through reading a variety of secondary and primary sources and engaging in several types of historical writing and conversations, students extend their understanding of the conventions of clear and concise writing about history. They also devise strategies to communicate historical information by identifying workable topics, locating and annotating primary and secondary sources in libraries, archives and published materials, and adapting their writing style to communicate with a variety of audiences.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HIS 285 Independent Studies in History
3 Credit hours   60 Contact hours
Incorporates structured and guided, individualized research that is organized and tailored around the interests and needs of the individual student.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Holistic Health Professional Courses

HHP 249 Journaling the Healing Journey
1 Credit hour   15 Contact hours
Incorporates using a journal as an effective tool for looking at our personal growth process, as well as for helping clients in their healing process. Journaling helps develop memory, imagination, feeling, intuition, and other creative aspects of ourselves. Using a journal in health practices can accelerate the healing process for clients. Teaches journaling skills and how to focus specifically on healing through various techniques.
Prerequisite: Permission of the Instructor.

Humanities Courses

HUM 115 World Mythology (GT-AH2)
3 Credit hours   45 Contact hours
Introduces students to a multidisciplinary approach to world mythology. Common themes are illustrated and connected to religion, philosophy, art, literature, music, and contemporary culture. In addition, students will study various ways of interpreting myth.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HUM 121 Survey of Humanities I: Early Civilizations (GT-AH2)
3 Credit hours   45 Contact hours
Introduces students to the history of ideas that have defined cultures through a study of the visual arts, literature, drama, music, and philosophy. It emphasizes connections among the arts, values, and diverse cultures, including European and non-European, from the Ancient world to 1000 C.E
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HUM 122 Medieval to Modern Civilizations (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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HUM 123 The Modern World (GT-AH2)
3 Credit hours   45 Contact hours

Examines the cultures of the 17th through the 20th centuries by focusing on the interrelationships of the arts, ideas, and history. Considers the influences of industrialism, scientific development and non-European peoples.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

HUM 241 Asian Arts and Cultures
3 Credit hours   45 Contact hours
Explores the most popular religions and philosophies of China, Japan, and India and their relationships to the arts and cultures of Asia. Special emphasis will be placed on Hinduism, Buddhism, and Islam.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

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.

Italian Courses

ITA 101 Conversational Italian I
3 Credit hours   45 Contact hours
Provides the first course in a sequence for beginning students who wish to understand and speak Italian. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

ITA 102 Conversational Italian II
3 Credit hours   45 Contact hours
Provides the second course in a sequence for students who wish to understand and speak Italian. The material continues to cover basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of ITA 101 (grade C or higher).

ITA 111 Italian 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 on CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

ITA 112 Italian 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 ITA 111 (grade C or higher) or permission by the Department Chair.

ITA 201 Conversational Italian III
3 Credit hours   45 Contact hours
Presents the third course in a sequence for students to advance in their study of understanding and speaking Italian. Focuses on intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of ITA 102 (grade C or higher).

ITA 202 Conversational Italian IV
3 Credit hours   45 Contact hours
Presents the fourth course in a sequence for students who wish to continue their study of understanding and speaking Italian. The material continues to cover in-

termediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of ITA 201 (grade C or higher).

ITA 211 Italian Language III (GT-AH4)
3 Credit hours   45 Contact hours
Continues Italian Language I and II in the development of increased functional proficiency in listening, speaking, reading and writing the Italian language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of ITA 112 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

ITA 212 Italian Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues Italian Language I, II and III in the development of increased functional proficiency in listening, speaking, reading and writing the Italian language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of ITA 211 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

ITA 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 by the Instructor

Japanese Courses

JPN 101 Conversational Japanese I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational Japanese and focuses on understanding and speaking Japanese. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

JPN 102 Conversational Japanese II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak Japanese. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of JPN 101 (grade C or higher).

JPN 111 Japanese Language I
5 Credit hours   75 Contact hours
Introduces a sequence dealing with the development of functional proficiency in listening, speaking, reading and writing

the Japanese language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion on CCR 092 (grade C or higher) or equivalent assessment score (SS 70+, RC: 62+).

JPN 112 Japanese Language II
5 Credit hours   75 Contact hours
Continues Japanese Language I in the development of functional proficiency in listening, speaking, reading and writing the Japanese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of JPN 111 (grade C or higher) or permission by the Department Chair.

JPN 201 Conversational Japanese III
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking Japanese.   Focuses on intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of JPN 102 (grade C or higher).

JPN 202 Conversational Japanese IV
3 Credit hours   45 Contact hours
Provides the fourth course in a sequence for intermediate students. The goal of foreign language learning is to acquire proficiency in communication skills (listening, speaking, writing and reading) and to develop an understanding of other cultures.
Prerequisite: Successful completion of JPN 201 (grade C or higher).

JPN 211 Japanese Language III (GT-AH4)
3 Credit hours   45 Contact hours
Continues Foreign Language I and II in the development of increased functional proficiency in listening, speaking, reading and writing the Japanese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of JPN 112 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

JPN 212 Japanese Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues Japanese Language I, II and III in the development of increased functional proficiency in listening, speaking, reading and writing the Japanese language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of JPN 211 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

JPN 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 by the Instructor.

Journalism Courses

JOU 105 Introduction to Mass Media (GT-SS3)
3 Credit hours   45 Contact hours

Places the mass media in an historical and cultural perspective, considering the validity, integrity and influence of the media in a democracy.

Course Note: This is a statewide guaranteed transfer course.

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   45 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
Covers 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 109 Culture and Conflict Resolution
2 Credit hours   45 Contact hours
Students explore the role culture plays in dispute resolution and ways that gender, race, ethnicity, national origin, age, religion, sexual orientation, and language influence conflict resolution.

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 167 Fingerprinting
3 Credit Hours   45 Contact hours
An in-depth instruction of the interpretation, classification, and presentation in court of the Henry System of classification of fingerprint patterns. Instructor includes the discussion of lifting and preserving fingerprints from crime scenes. The processing of a crime scene using basically powders and a magna brush. The student will be proficient in the Henry System and use all kits and allied equipment in a high level at the completion of the course.

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.

LEA 241 Security of Specialized Facilities
2 Credit hours   30 Contact hours
Covers areas within the security field that require special knowledge, such as airport security, nuclear and atomic site control, clearance control, military and civilian integrated security systems, civil demonstrations, strikes, and riot control. Other areas included are specialized areas of accounting, computer control, and industrial espionage.

LEA 246 Traffic Investigation and Management
3 Credit hours   45 Contact hours
An overview of the skills and concepts necessary to complete an accurate investigation of a traffic collision. Traffic management concepts, selective traffic enforcement, and safety issues are discussed.

LEA 260 Police Photography
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. Focuses on current methods and techniques of police photography. Includes the use, nomenclature, and operation of 35mm and 4x4 cameras at simulated crime scenes and traffic accidents are studied and practiced; development, printing, and enlargement of photos are also studied.

Literature Courses

LIT 115 Introduction to Literature (GT-AH2)
3 Credit hours   45 Contact hours
Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).
Course Note: This is a statewide guaranteed transfer course .

Successful completion of CCR 092, CCR 093 or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

LIT 175 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.

LIT 201 World Literature to 1600 (GT-AH2)
3 Credit hours   45 Contact hours
Examines significant writings in world literature from the ancients through the Renaissance. Emphasizes careful reading and understanding of the works and their cultural backgrounds.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

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. Emphasizes careful reading and understanding of the works and their cultural backgrounds.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 205 Ethnic Literature (GT-AH2)
3 Credit hours   45 Contact hours
Focuses on significant texts by ethnic Americans, including African-American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 211 American Literature to Civil War (GT-AH2)
3 Credit hours   45 Contact hours
An overview of American literature from the Native American through the nineteenth century Romantics. It explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 212 American Literature after Civil War (GT-AH2)
3 Credit hours   45 Contact hours
An overview of American literature from the mid-nineteenth century to the present. Explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 221 British Literature to 1700 (GT-AH2)
3 Credit hours   45 Contact hours
An overview of British literature from the Anglo-Saxon period through the seventeenth century. Explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 222 British Literature since 1700 (GT-AH2)
3 Credit hours   45 Contact hours
An overview of British literature from the eighteenth century to the present. Explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 225 Introduction to Shakespeare (GT-AH2)
3 Credit hours   45 Contact hours
Explores a selection of works by William Shakespeare. Focuses on careful reading and interpretation of the plays and poems, includes pertinent information about Elizabethan England, and examines formal as well as thematic elements of the selected works.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 246 Literature of Women (GT-AH2)
3 Credit hours   45 Contact hours
Examines the techniques and themes in literature by and about women by examining women's issues from various genres.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

LIT 255 Children's Literature
3 Credit hours   45 Contact hours
Evaluates the criteria for selecting appropriate literature for children through exploration of genres, age levels, and values taught through literature, and the literary and artistic quality of various texts.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

LIT 259 Survey of African American Literature (GT-AH2)
3 Credit hours   45 Contact hours
Examines African American literature from 1750 to the present, exploring ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

LIT 268 Celtic Literature (GT-AH2)
3 Credit hours   45 Contact hours
Exposes the student to Irish literature. The course examines significant writing in Irish literature from the ancients through to the Twenty first century.   The course emphasized the careful reading and understand of the works of poetry, fiction, and drama, as well as their cultural backgrounds.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

Course Note: This is a statewide guaranteed tranfser course.

LIT 278 Seminar
0-12 Credit hours   15-90 Contact hours
Explores particular authors, topics, and themes in depth.

Management Courses

BTE 225 Administrative Office Management
3 Credit hours   45 Contact hours
Emphasizes 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.

MAN 156 Problem Solving-Business Environment
3 Credit hours   45 Contact hours

Defines the problem solving and decision making processes.   Those processes include: identifying decision elements, recognizing characteristics of good and bad decisions, practicing various approaches to decision making, utilizing a nine-step process for organizational decision making, exploring the nature of problems, understanding problem situation factors, identifying problems, considering the human side of problem solving and utilizing a six-step problem solving process.

Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

MAN 200 Human Resources Management I
3 Credit hours   45 Contact hours
Provides the student with a broad overview of the contemporary issues, theories, and principles used to effectively manage human resources. Topics include recruiting, hiring, compensation and benefits, training and development, employee relations, and legal issues.
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 further discussions of concepts of Human Resources. Topics include techniques and procedures in resources planning, appraising performance, selection and staffing, training and development, job enrichment, and wage and salary administration.
Prerequisite: Successful completion of MAN 200 (grade C or higher).

MAN 212 Negotiation/Conflict Resolution
3 Credit hours   45 contact hours

Presents proper techniques in negotiation and conflict resolution. Key practices that determine successful negotiation are explored. This course covers principles of conflict resolution including business policies, accepted business practices contracts, labor union contracts, pay raises and starting salaries.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 215 Organizational Behavior
3 Credit hours   45 Contact hours

Examines the behaviors of groups and individual members or organizations and how that behavior can be influenced. Course 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 concepts and techniques used to analyze financial accounting information for managerial planning, decision-making, and control. The focus of this course is on decision-making relating to the areas of budgets, forecasts, cost volume production, ROI and financial statements.
Prerequisites: Successful completion of ACC 101 or ACC 121 (grade C or higher).

MAN 226 Principles of Management
3 Credit hours   45 Contact hours
Presents a survey of the principles of management. Emphasizes the primary functions of planning, organizing, leading, and controlling with a balance between the behavioral and operational approach.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAN 230 Corporate Responsibility
3 Credit hours   45 Contact hours

Examines the concept of corporate responsibility and the extent to which an organization's resources should be used to identify and respond to social problems.   Included in the course will be topics of corporate and social responsibility, and the concept of a servant leadership, and how this applies to business and management principles.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This course replaces MAN 289.

Marketing Courses

MAR 117 Principles of Retailing
3 Credit hours   45 Contact hours

Emphasizes the Emphasizes the study of the basic principles and techniques of merchandising, operations, layout, store organization, site location, and customer service with an emphasis on retailing operations.

MAR 158 Basic Customer Service
1 Credit hour   15 Contact hours

Focuses on basic concepts and techniques needed to effectively serve customers. Specific emphasis given to managing customer expectations by building customer rapport and creating positive outcomes.

MAR 160 Customer Service
3 Credit hours   45 Contact hours

Enables students to learn the relationship of self to customers, problem solve, and understand the importance of communicating with customers. Specific emphasis is given to managing customer expectations by building customer rapport and creating positive outcomes.

MAR 216 Principles of Marketing
3 Credit hours   45 Contact hours
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to business and the individual consumer.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

MAR 217 E-Commerce Marketing
3 Credit hours   45 Contact hours

Explores new marketing strategies that have emerged as areas of information technology and the Internet have evolved. This course examines traditional marketing concepts of buying behavior, promotion, production and others, then redefines them as they apply to marketing on the World Wide Web.   Web fundamentals, e-marketing trends, strategies, models and research will be examined.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

Course Note: This course replaces MAR 220.

MAR 235 Consumer Behavior
3 Credit hours   45 Contact hours

Enables the student to understand the variables that affect consumer behavior in the marketplace and the implications of this knowledge for marketing decisions and strategies.

MAR 240 International Marketing
3 Credit hours   45 Contact hours
Enables students to explore the international marketing for U.S. products and the increasing competitive international environment and recent changes in the environment that have challenged U.S. businesses. The course is designed to make the student an "informed observer" of the global market place as well as enabling them to develop skills to make marketing decisions in a global context.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores.

Mathematics Courses

All Math courses are available on-line except MAT 030, MAT 045, MAT 103, MAT 107, MAT 108, MAT 109, MAT 155, and MAT 156

MAT 025 Algebraic Literacy Lab
Credit Hours 1   Contact Hours
Course Description: Supports skill development for students registered in MAT 055 Algebraic Literacy. Topics covered in

this course include those defined in MAT 055 and/or any pre-requisite skills needed by the student. For students with Accuplacer score EA 45-59, this course is a required co-requisite with MAT 055 Algebraic Literacy.

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.
Prerequisites: Successful completion of MAT 045 or MAT 060 Appropriate assessment scores: (EA: 30-84, AR40).

MAT 055 Algebraic Literacy
4 Credit hours   60 Contact hours
Develops 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 and inequalities, systems or linear equations, related applications.This course prepares students for College Algebra and Finite Math.
Prerequisites: Successful completion of MAT 050 (grade C or higher) or appropriate assessment scores (EA: 60-84).

MAT 070 Special Topics: Quantitative Literacy Lab
0-12 Credit hours   15 Contact hours
This course is a designed to provide intensive learning support for Mat 050 Quantitative Literacy.
Co-requisite: MAT 050

MAT 103 Math for Clinical Calculations
3 Credit hours   45 Contact hours
Provides a review of general mathematics, introductory algebra and an opportunity to learn systems of measurement and methods of solving problems related to drug dosage and intravenous fluid administration. It is designed for students in the health disciplines. Topics may include algebra, graphs, measurement and conversion between various systems of measurement.
Prerequisites: Successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA: 61+).

MAT 107 Career Mathematics
3 Credit hours   45 Contact hours
Covers material designed for career technical or general studies students who need to study particular mathematical

topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and the emphasis is on applications.
Prerequisite: Successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA: 60).

MAT 120 Mathematics for Liberal Arts
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: Successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA: 85+, ACT Math 19, SAT Math 460).

Course Note: This is a statewide guaranteed transfer course.

MAT 121 College Algebra
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.
Prerequisite: Successful completion of MAT 055 (grade C or higher) or equivalent assessment scores (EA: 85+, ACT Math 23, SAT Math 513).

Course Note: This is a statewide guaranteed transfer course.

MAT 122 College Trigonometry
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 equivalent assessment scores (CLM 63-102, ACT Math: 24+, SAT Math: 527+).

Course Note: This is a statewide guaranteed transfer course.

MAT 123 Finite Mathematics
4 Credit hours   60 Contact hours
Covers topics including functions, matrix algebra, linear programming, and an in-

troduction 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: Successful completion of MAT 055 (grade C or higher) or equivalent assessment scores (EA: 85+, ACT Math 23, SAT Math 513).

Course Note: This is a statewide guaranteed transfer course.

MAT 125 Survey of Calculus
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 ACT Math 25+, SAT Math: 540+, or ACCM: 063.

Course Note: This is a statewide guaranteed transfer course.

MAT 135 Introduction to Statistics
3 Credit hours   45 Contact hours
Explores and applies data presentation and summarization, introduction to probability concepts and distributions, statistical inference --estimation, hypothesis testing, comparison of populations, correlation and regression.
Prerequisite: Successful completion of MAT 050 (grade C or higher) or equivalent or equivalent assessment scores (EA: 85+, ACT Math 21, SAT Math 487).

Co-requisite: MAT 179.

Course Note: This is a statewide guaranteed transfer course.

MAT 155 Integrated Math I
3 Credit hours   45 Contact hours
Engages students in the concepts of school mathematics. Includes the recognition of numerical and geometric patterns and their applications to a variety of mathematical situations; mathematical problem-solving, reasoning, critical thinking, and communication; algebraic thinking, representation, analysis, manipulation, generalizations and extensions.
Prerequisite: Successful completion of MAT 050 (grade C or higher) or equivalent assessment scores (EA: 85+ and ACT Math: 19, SAT Math: 460).

MAT 156 Integrated Math II
3 Credit hours   45 Contact hours
Furthers MAT 155 concepts; includes fundamentals of probability, statistics, and Euclidean geometry. Mathematical problem-solving, reasoning, critical think-

ing and communication will continue to be an integral part of this sequence.
Prerequisite: Successful completion of MAT 155 (grade C or higher).

MAT 166 Pre-Calculus
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: Assessment scores (CLM: 63-102,EA: ACT Math: 25+, SAT Math: 540+).

Course Note: This is a statewide guaranteed transfer course.

MAT 179 Computer Applications for Statistical Procedures
1 Credit hour   15 Contact hours
Uses statistical software and the World Wide Web to engage students in an active, visual approach to the topics covered in MAT 135. Students will work with real world data on problems of a practical nature.
Co-requisite: MAT 135.

MAT 201 Calculus I
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 121 AND MAT 122 or MAT 166 (grade C or higher) or equivalent assessment scores (CLM 103-120, ACT Math: 28, SAT Math: 580+).

Course Note: This is a statewide guaranteed transfer course.

MAT 202 Calculus II
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).

Course Note: This is a statewide guaranteed transfer course.

MAT 203 Calculus III
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).

Course Note: This is a statewide guaranteed transfer course.

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.
Prerequisites: Successful completion of MAT 202 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course

MAT 215 Discrete Mathematics
4 Credit hours   60 Contact hours
Concentrates on formal logic, algorithms, induction proofs, counting and probability, recurrence relations, equivalence relations, graphs, shortest-path applications, and tree traversal. This course is designed for mathematics and computer science students.
Prerequisite: Successful completion of MAT 125 or MAT 201 (grade C or higher) and recommended one high-level programming language.

Course Note: This is a statewide guaranteed transfer course.

MAT 255 Linear Algebra
3 Credit hours   45 Contact hours
Explores vector spaces, matrices, linear trans-formations, 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
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.
Prerequisites: Successful completion of MAT 202 (grade C or higher).
Course Note: This is a statewide guaranteed transfer course.

MAT 265 Differential Equations
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).

Course Note: This is a statewide guaranteed transfer course.

MAT 266 Differential Equations with Linear Algebra
4 Credit hours   60 Contact hours
This course covers first and second order differential equations, series solutions, Laplace transforms, linear algebra, eigenvalues, first order systems of equations, and numerical techniques are covered.
Prerequisite: Successful completion of MAT 202 (grade C or higher).
Co-requisite: MAT 203

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.

MAT 288 Practicum
6 Credit hours   90 Contact hours
Provides students with the opportunity to supplement coursework 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.

Meteorology Courses

MET 150 General Meteorology, with Lab (GT-SC1)
4 Credit hours   75 Contact hours

Provides an introduction to general meteorology and atmospheric sciences. It includes the composition and structure of the atmosphere and characteristics that affect the atmosphere, such as temperature, pressure, and moisture. Additionally, the development of weather systems such as storm systems, hurricanes, weather fronts and cloud development will also be examined. Finally, concepts of climatology will be stressed.
Prerequisites: Successful completion of ENG 090 and MAT 090 (grade C or higher) or equivalent assessment scores.
Course Note: This is a statewide guaranteed transfer course.

Music Courses

MUS 100 Introduction to Music Theory
3 Credit hours   45 Contact hours

Introduces the basics of music theory. Course designed to help the beginning music student, or those students with limited background in music theory, study the basic elements of music. Topics include notation, rhythm, scales, key signatures, intervals, chords, beginning level melodic and rhythm dictation, ear-training and sight singing skills.

MUS 110 Music Theory I
3 Credit hours   45 Contact hours

Presents music fundamentals, diatonic four-part harmony, analysis, ear training, and keyboard harmony. For music majors transferring to a 4-year program.
Prerequisite: Successful completion of MUS 100 (grade C or higher) or permission of Department Chair.
Co-requisite: MUS 112 Ear Training/Sight Singing I.

MUS 111 Music Theory II
3 Credit hours   45 Contact hours

Presents chromatic four-part harmony, analysis, ear training, and keyboard harmony.
Prerequisite: Successful completion of MUS 110 and MUS 112 (grade C or higher)
Co-requisite: MUS 113 Ear Training/Sight Singing II.

MUS 112 Ear Training/Sight Singing Lab I
1 Credit hour   30 Contact hours

Presents exercises in sight-singing with melodic and rhythmic dictation.
Prerequisite: Successful completion of MUS 100 (grade C or higher) or permission of Department Chair.
Co-requisite: MUS 110 Music Theory I.

MUS 113 Ear Training/Sight Singing Lab II
1 Credit hour   30 Contact hours

Presents exercises in sight-singing with melodic and rhythmic dictation.
Prerequisite: Successful completion of MUS 110 and MUS 112 (grade C or higher).
Co-requisite: 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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

MUS 121 Music History: Medieval thru 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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

MUS 125 History of Jazz (GT-AH1)
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.

Course Note: This is a statewide guaranteed transfer course.

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 151-154 Ensemble I-IV
1 Credit hour   30 Contact hours

Exposes the student to various types of literature in order to obtain an appreciation of the area of musical performance.

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.

Music Private Instruction Courses

MUS 141 – MUS 144 Private Instruction

One credit primarily for non-music majors, two credits for music majors planning to transfer to a four-year school.   Offers private instruction consisting of a thirty or sixty minute lesson per week.   Participation in a student performance is required at least once each term for one credit. Regular attendance at and participation in student performances is required for two credits.
Prerequisites: MUS 131 or audition required.   Since private lessons may be repeated for credit for a total of four semesters, they must be taken in sequence, beginning with MUS 141. Also, a fee is added to tuition. Scheduling lessons depend on the availability of an instructor and space. To arrange for an audition, or to schedule lessons, contact the Department Administrative Assistant at 303-361-7428.

Natural Resource Courses

NRE 251 General Oceanography, with Lab (GT-SC1)
4 Credit hours   60 Contact hours

Provides a comprehensive introduction to modern geological and chemical oceanography. Includes earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, major and minor components of seawater, and ocean-atmosphere interactions. This course includes laboratory experience.

Prerequisites: Successful completion of ENG 090 and MAT 090 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

Occupational Safety Course

OSH 127 10 Hour Construction Industry Standards
1 Credit hour   10 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.

Paralegal Courses

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
A basic course in tort law, including negligence, intentional torts, and strict liability, with emphasis on personal injury litigation.

PAR 117 Family Law
3 Credit hours   45 Contact hours
Covers domestic law, common property, dissolutions, adoptions, legal separation, and other family law issues.

Course Note: Offered online in the fall, in class for the Spring semester.

PAR 118 Contracts
3 Credit hours   45 Contact hours
Covers the basic principles of contract law. Includes offer, acceptance, intent, consideration, capacity, performance, and remedies.

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
Intensive study of the legal process including the Federal and Colorado Rules of Civil Procedure.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

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.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

PAR 206 Business Organizations
3 Credit hours   45 Contact hours
Studies the major types of business organizations, including sole proprietorships, partnerships, and corporations.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

Course Note: Offered Fall semester only

PAR 207 Current Issues in Law
3 Credit hours   45 Contact hours
Provides an understanding of current legal issues, ethics, and morality.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

Course Note: Offered Summer semester only.

PAR 208 Probate and Estates
3 Credit hours   45 Contact hours
Provides an understanding of the creation and administration of estates, including wills and trusts, and the probate process.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

Course Note: Offered Fall semester only.

PAR 209 Constitutional Law
3 Credit hours   45 Contact hours
Studies the powers of government as they are allocated and defined by the United States Constitution.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

PAR 213 Legal Research and Writing I
3 Credit hours   45 Contact hours
Provides an introduction to legal research and writing.
Prerequisite: Successful completion of PAR 115 and ENG 121 (grade C or higher) or permission of Program Coordinator.

PAR 214 Legal Research and Writing II
3 Credit hours   45 Contact hours
Serves as an advanced course in legal research and writing.
Prerequisite: Successful completion of PAR 213 (grade C or higher) or permission of Program Coordinator.

PAR 216 Employment Law
3 Credit hours   45 Contact hours
Provides an understanding of legal issues in the area of employer/employee relationships.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.

Course Note: Offered Fall semester only.

PAR 218 Bankruptcy Law
3 Credit hours   45 Contact hours
Focuses on the federal and state laws and procedures involving bankruptcy.
Prerequisite: Successful completion of PAR 115 (grade C or higher) or permission of Program Coordinator.
Course Note: Offered Summer semester only.

PAR 227 Immigration Law
3 Credit hours   45 Contact hours
Provides an understanding of the United States Immigration Laws.

PAR 275 Special Topics
3 Credit hours   45 Contact hours
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Prerequisite: Successful completion of PAR 115 and PAR 201 (grade C or higher) or permission of Program Coordinator.

PAR 280 Internship
3 Credit hour(s)   135 Work hours
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 hour(s)   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.

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 (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

PHI 112 Ethics (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 (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

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. Emphasizes the development of decision-making and problem-solving skills.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

PHI 114 Comparative Religions (GT-AH3)
3 Credit hours   45 Contact hours
Introduces students to the major world religions from both the Eastern and Western world such as Hinduism, Buddhism, Confucianism, Taoism, Zoroastrianism, Judaism, Christianity, Islam, Bahá'í, and influential pre-literate traditions. Utilizes religious studies methods (historical, sociological, legal, psychological, and phenomenological), to understand the historical development of each religious tradition in terms of communities, cultural context, and modern manifestations; paying particular attention to differences between sects, denominations, schools, and factions within each tradition. Focus will include the examination of the charismatic leaders, prophets, and narratives that inform the worldview of each tradition.

Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

PHI 115 World Religions-West
3 Credit hours   45 Contact hours
Introduces students to religions of the Western world: Zoroastrianism, Judaism, Christianity, Islam, Bahá'í, and influential pre-literate traditions. Utilizes religious studies methods (historical, sociological, legal, psychological, and phenomenological), to understand the historical development of each religious tradition in terms of communities, cultural context, and modern manifestations; paying particular attention to differences between sects, denominations, schools, and factions within each tradition. Focus will include the examination of the charismatic leaders, prophets, and narratives that inform the worldview of each tradition.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

PHI 116 World Religions-East
3 Credit hours   45 Contact hours
Introduces students to religions of the Eastern world: Hinduism, Buddhism, Jainism, Taoism, Confucianism, Sikhism, Shinto, and influential pre-literate traditions. Utilizes religious studies methods (historical, sociological, legal, psychological, and phenomenological), to understand the historical development of each religious tradition in terms of communities, cultural context, and modern manifestations; paying particular attention to differences between sects, denominations, schools, and factions within each tradition. Focus will include the examination of the charismatic leaders, prophets, and narratives that inform the worldview of each tradition.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

PHI 120 Applied Ethics
3 Credit hours   45 Contact hours
Focuses on different applications of ethics in contemporary society and disciplines, including business ethics, biomedical ethics, genetic ethics, issues of dental ethics, and other valid applications.
Co-requisite/Prerequisites: Acceptance into the Integrated Pathway to Baccalaureate Nursing Education Program or permission of faculty

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)
Course Note: This is a statewide guaranteed transfer course.

PHI 218 Environmental Ethics (GT-AH3)
3 Credit hours   45 Contact hours
Critically analyzes theories of value of the natural world. Topics 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, including deep ecology and eco-feminism; and the connection between moral and political values and economic policies.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

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 a soul and life after bodily death, the epistemological assessment of arguments for the soul and life after death, the ethical justifications taken on positions such as rational suicide and assisted suicide, as well as a focus on philosophy's existentialist contribution to questions about the meaning of life and the meaning of death.
Prerequisites: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).
Course Note: This is a statewide guaranteed transfer course.

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.

Photography Courses

(See Art, Media, and Technology)

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
Offers 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 102 Weight Training
1 Credit hour   15 Contact hours
Offers basic instruction and practice in weight training. Students utilize weight training equipment in accordance to their abilities and goals. Emphasizes weight training equipment orientation, correct lifting techniques, and basic program design for men and women.

PED 103 Advanced Weight Training
2 Credit hours   30 Contact hours
Offers guided instruction and independent practice in weight training for men and women. Students practice various weight training techniques in accordance with their abilities. Emphasizes physiological considerations, equipment orientation, correct lifting techniques, program design, and nutrition.

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, muscular 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, 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.

PED 144 Yoga II
1 Credit hour   15 Contact hours
Continues to build on the concepts of basic yoga. Increases awareness of yoga including physical and mental benefits.

Prerequisite: Successful completion of PED 143 (grade C or higher) or Chair approval

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 hour(s) 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.

Physics Courses

PHY 105 Conceptual Physics, with Lab (GT-SC1)
4 Credit hours   90 Contact hours
Focuses on mechanics, heat, properties of matter, electricity and magnetism, light, and modern physics. Incorporates laboratory experience.
Prerequisite: Successful completion of MAT 055 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

PHY 107 Energy Science and Technology, with Lab (GT-SC1)
4 Credit hours   75 Contact hours
Provides an in-depth look at the science of energy and energy technologies, with a focus on renewable energy resources and clean technologies. The state of world energy use will provide a context to discuss the need for expansion of renewable energy technology. The course will provide a background in the physics of energy, non-renewable energy methods, the problems of energy transfer and loss and the current state of technology. The students will then explore renewable energy technologies, evaluate efficiency and look at the future utilization of these technologies. This lab based course will provide the student with the opportunity to explore energy through hands-on activities. Student learning activities may include labs concerning conservation of energy, testing mechanical, electrical, heat and fluid power systems; energy transfer and loss; understanding energy audits; testing solar collectors and wind generators; investigating hydrogen fuel cells.
Prerequisites: Successful completion of MAT 090 or MAT 107 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

PHY 111 Physics: Algebra Based I with Lab (GT-SC1)
5 Credit hours   105 Contact hours
Enables students to explore the truth about physical reality through reasoning, mathematics, and experimentation. Examines kinematics, force, circular motion, energy, momentum, torque, rotational dynamics, simple harmonic motion, temperature, heat, and thermodynamics. The concepts and theories presented are explored through demonstrations and hands-on experiments. It is a general physics course recommended for all of the health sciences and other interested students. Students entering engineering or one of the advanced sciences should register for PHY 211.
Prerequisite: Successful completion of MAT 122   (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

PHY 112 Physics: Algebra Based II with Lab (GT-SC1)
5 Credit hours   105 Contact hours
Expands upon PHY 111 and covers sound waves, electric fields, electric circuits, magnetic fields, optics, and modern physics. Explores the concepts of and theories presented in class are explored through demonstrations and hands-on experiments.

Prerequisite: Successful completion of PHY 111 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

PHY 211 Physics: Calculus Based I with Lab (GT-SC1)
5 Credit hours   90 Contact hours
Enables students to examine the truth about our physical reality through reasoning, mathematics, and experimentation. Covers kinematics, force, gravity, energy, momentum, torque, rotational dynamics, fluids, and may include thermodynamics. The concepts and theories presented in class are explored through demonstrations and hands-on experiments. The first semester calculus-based physics course is recommended for students entering engineering or one of the advanced sciences.
Prerequisite: Successful completion of MAT 201 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

PHY 212 Physics: Calculus Based II with Lab (GT-SC1)
5 Credit hours   90 Contact hours
Expands upon PHY 211 and examines waves, electric fields, electric circuits, magnetic fields, light and optics, and modern physics. Concepts and theories presented in class are explored through demonstrations and hands-on experiments.
Prerequisite: Successful completion of PHY 211 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

POS 205 International Relations (GT-SS1)
3 Credit hours　　45 Contact hours
Examines relationships among modern nation-states. Topics include diplomacy, nationalism, ideologies, power and influence, conflict and cooperation, the role of non-state actors, the international economy, and theoretical attempts to understand international behavior.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

POS 215 Current Political Issues (GT-SS1)
3 Credit hours　　45 Contact hours
Incorporates an in-depth analysis of critical issues in political science.　　Examines current topics and issues.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note:　This is a statewide guaranteed transfer course.

POS 225 Comparative Government (GT-SS1)
3 Credit hours　　45 Contact hours
Focuses on a comparison of the basic features of selected developed and developing countries. Topics include ideologies, political parties, interest groups, and governmental institutions.
Prerequisite: Successful completion of CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

POS 285 Independent Study
3 Credit hours　　135 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 CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

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, sexuality and memory.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

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, and social psychology. This is a stand-alone course; PSY 101 is not a prerequisite.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

PSY 107 Work Group Psychology
3 Credit hours　　45 Contact hours
Introduces the psychology of work groups in the modern workplace. Emphasizes team dynamics, social diversity issues, team building, interpersonal communication skills, goal setting, time and resource management, and consensus decision making.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 110 Career Development
3 Credit hours　　45 Contact hours
Assists students in recognizing their career potential and provides tools for making realistic decisions concerning educational and occupational objectives.
Prerequisites:　Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 112 Psychology of Adjustment
3 Credit hours　　45 Contact hours
Emphasizes personal growth and development of interpersonal skills. Focuses on practical application of psychological principles and theories in achieving self-understanding and personal growth.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 117 Parenting
1 Credit hour　　15 Contact hours
Focuses on effective techniques for working with children, with emphasis on setting realistic expectations, consideration of individual differences, satisfactory communication, and effective parent-child relationships.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 204 Relationships: Challenges and Choices
1 Credit hour　　15 Contact hours
Enables the student to preserve and enhance couple relationships by understanding the role of gender differences; conflict patterns; communication skills; problem solving; meaning of commitment, fun, and friendship.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

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.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

PSY 217 Human Sexuality (GT-SS3)
3 Credit hours　　45 Contact hours
Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

PSY 226 Social Psychology (GT-SS3)
3 Credit hours   45 Contact hours
Focuses on the behavior of humans in social settings, including attitudes, aggression, conformity, cooperation and competition, prejudice, and interpersonal attraction.

Prerequisite: Successful completion of PSY 101 or PSY 102.

Course Note: This is a statewide guaranteed transfer course.

PSY 227 Psychology of Death and Dying (GT-SS3)
3 Credit hours   45 Contact hours
Examines the philosophies of life and death, emphasizing dying, death, mourning, and the consideration of one's own death.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

PSY 235 Human Growth and Development (GT-SS3)
3 Credit hours   45 Contact hours
Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors.
Prerequisite: Successful completion of PSY 101 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

PSY 237 Child and Adolescent Psychology
3 Credit hours   45 Contact hours
Explores human development from conception through adolescence, emphasizing physical, cognitive, emotional, and psychosocial factors.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 238 Child Development (GT-SS3)
3 Credit hours   45 Contact hours
Focuses on the growth and development of the individual from conception through adolescence emphasizing physical, cognitive, emotional, and psychosocial factors.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

Course Note: This is a statewide guaranteed transfer course.

PSY 240 Health Psychology (GT-SS3)
3 Credit hours   45 Contact hours
Students will learn an overview of the scientific study of attitudes, behaviors and personality variables related health, illness and bodily systems. Emphasis is on the interaction of biological, psychological and social factors that cause illness and influence its treatment and prevention.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

Course Note: This is a statewide guaranteed transfer course.

PSY 245 Educational Psychology
3 Credit hours   45 Contact hours
Focuses on the relationships between theory, research, and practice in areas of learning, child development, motivation, and educational assessment.
Prerequisite: Successful completion of PSY 101 or PSY 102 (grade C or higher).

PSY 247 Child Abuse and Neglect
3 Credit hours   45 Contact hours
Examines the causes and effects of physical, sexual, and psychological abuse and neglect. Emphasizes intervention and prevention strategies.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80).

PSY 249 Abnormal Psychology (GT-SS3)
3 Credit hours   45 Contact hours
Examines abnormal behavior and its classification, causes, treatment, and prevention.
Prerequisite: Successful completion of PSY 101 or PSY 102 (grade C or higher).

Course Note: This is a statewide guaranteed transfer course.

PSY 268 Organizational Psychology
3 Credit hours   45 Contact hours
Provides a comprehensive study of psychological principles and theories as applied to organizational behavior. Topics include motivation, job satisfaction, conflict, supervision, human relations, and stress management.
Prerequisite: Successful completion of PSY 101 or PSY 102 (grade C or higher) or equivalent assessment scores.

PSY 275 Special Topics
0.5-6 Credit hour(s)   7.5-90 Contact hours
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

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 the courts. The course facilitates an understanding of the numerous careers related to forensic psychology, how to prepare for them and current research and practice in each of the five broad areas of forensic psychology.

Public Security Management Courses

PSM 101 Introduction to Private Security
3 Credit hours   45 Contact hours
Introduces the topics of security and loss prevention in proprietary and governmental institutions. An overview of the historical, philosophical, and legal basis of private security and its role in a modern society is also presented.

PSM 102 Crime Prevention and Technologies
3 Credit hours   45 Contact hours
Explores the contemporary security management and loss prevention issues that require expertise in specialized investigative methods. Computer-related investigations, such as child abduction, fraud, and identification theft, will be covered with a focus on how the Internet can be used as an investigative tool. A historical perspective of terrorism as well as special investigative techniques associated with the investigation of terrorist activity will be presented. Additional analyses and discussions will center on forensic advances as they relate to suspect identification and loss prevention analysis.

PSM 103 Loss Prevention and Risk Management
3 Credit hours   45 Contact hours
Explores the roles, techniques and strategies of safety and risk management in both the private and public sectors. Students will examine the concept, techniques, and strategies of asset protection, crime prevention and loss reduction, with emphasis upon the selection and implementation of comprehensive prevention systems and loss-reduction strategies. Topics will include facility security, OSHA regulations and topologies of fraud.

PSM 104 Homeland Security: Introduction to Emergency Management
3 Credit hours   45 Contact hours
Offers the student an orientation to the position of Emergency Manager; the requirements for emergency preparedness in the USA; an orientation to community disaster relief; basic incident command systems; State disaster management; the role of emergency management in com-

munity preparedness, response and recovery; and the response to failure of infrastructure on individuals and communities.

PSM 105 Crime and Forensics
3 Credit hours   45 Contact hours
Examines the philosophical considerations of the integration of forensic science disciplines with criminal investigations. The course encompasses and provides an overview of physical evidence and examines the major forensic sub disciplines of pathology, toxicology, deontology, anthropology, art, firearms and tool marks, criminalistics, serology, and questioned documents. The course provides an important base for the security management professional who may become the first responder in a crime scene.

PSM 110 School Violence
3 Credit hours   45 Contact hours
Provides an understanding of what leads to violence and the types of support that research has shown to be effective in preventing violence as a necessary tool for the security management professional. Preparing for a violent confrontation or the threat of physical harm is not an everyday occurrence. Although most schools are safe, the violence that occurs in our neighborhoods and communities has found its way inside the schoolhouse door.

PSM 111 Workplace Violence
3 Credit hours   45 Contact hours
Explores the complicated issues that result in Workplace Violence through a systematic approach to behavioral cues. Understand the potential violent behavior that may begin to manifest in a troubled worker. Analyze the situation so that identification and mitigation can be implemented without endangering others. Understand what individuals and managers must do when they see potentially violent employee clues, and how to create and maintain a safe work environment.

PSM 112 Preventing Liability – Steps for the Security Professional
3 Credit hours   45 Contact hours
Understand the issues of common liability. Enhances the security professional's ability to avoid the pitfalls of lengthy litigation. Emphasizing prevention, reduction and removal of liability issues becomes a tangible asset for the security professional.

PSM 130 Homeland Security Law
3 Credit hours   45 Contact hours
Provides a comprehensive overview for business, industry, and government as well as those faced with the new legal and security issues raised by new public laws, the new regulatory framework, and a new Department of Homeland Security. A complete overview of homeland security

laws and regulations; Emerging public safety requirements and policies; Current and evolving programs to protect water, food and air supplies; Latest security challenges in air transportation, vessel and port operations, and chemical handling and storage; Privacy rights-finding the right balance with security concerns; Human resource issues-hiring, firing, monitoring, providing a safe workplace, and Department of Homeland Security: organizational structure and management priorities; Developing the most effective and compliant security plans.

PSM 131 Intelligence and Homeland Security
3 Credit hours   45 Contact hours
Analyzes intelligence and homeland security relationships using a case study methodology; examines the evolving relationship between intelligence and homeland security strategy; challenges the student with an exercise in which students will be placed in the role of a government or organization having to deal with a hypnotically 21st Century security crisis.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS 95, RC 80) or Department approval.

PSM 132 Threat and Vulnerability Assessment and Counterintelligence
3 Credit hours   45 Contact hours
Examines the variety of new indicators, warning methodologies, and analytical tools available to analysts; reviews the extensive academic, governmental, and policy literature on terrorism forecasting developed to assess and forecast terrorism in its numerous dimensions. Students will comprehend the various analytical capabilities of the types of terrorist threats that most likely to confront the USA and its allies in the near future and predict how to develop proactive defenses for the long-term protection of society.
Prerequisite: Requires acceptance to CCA Police Academy.

PSM 133 Homeland Security: Weapons of Mass Destruction
3 Credit hours   45 Contact hours
Provides an overview of the radiological, chemical, biochemical, and biological threat to Homeland Security. Analyzes the agents and means of dissemination or attack that an adversary nation, group, or terrorist cell may employ to deliver these agents; reviews the current and projected means, techniques, and procedures for defense against such agents; reviews theory and practices in chemical and bio-

logical threats to develop proactive defensive postures to defeat these threats.

PSM 134 Homeland Security: Critical Incident Response Management
3 Credit hours   45 Contact hours
Examines the potential results from nuclear, biological, and chemical incidents or uses. Analysis of Critical Incident Management of Natural Disasters: Hurricane, Tornado, Blizzard, Fire, Flood, and Earthquake. Review of public health consequences; development of emergency planning and response measures in place among US agencies, State agencies, and emerging detection and management technologies; discussion of existing vulnerabilities to these types of incidents and attacks; protection of infrastructures and communication alternatives will also be examined.
Prerequisite or Corequisite: Successful completion of PSM 131 (grade C or higher).

PSM 135 Critical Infrastructure Protection
1 Credit hour   15 Contact hours
Explores the facets of Critical Infrastructure protection. Provides the student with an interactive forum to develop protection strategies.

PSM 136 Hospital Emergency Response Training (HERT) for Weapons of Mass Destruction (WMD)
3 Credit hours   45 Contact hours
Provides Hospital Emergency Response Training (HERT) for Weapons of Mass Destruction (WMD). This course is designed to provide guidance to hospitals, EMS, health care facilities and citizens who may become involved in a mass casualty incident as a result of a hazardous materials incident (HMI) or weapons of mass destruction (WMD) event. The HERT/WMD introduces the hospital incident management system (HIMS), addresses chemical protective clothing and equipment (CPC&E) requirements, and presents guidance for hospital emergency response team (HERT) design, development and training. This course prepares HERT to conduct safe and effective emergency response during mass casualty incidents (MCI).

PSM 137 Introduction to Mitigation
3 Credit hours   45 Contact hours
Provides students with information and skills necessary to sustain actions to reduce or eliminate long-term risk to people and property from hazards and their effects.

PSM 200 National Incident Management System/Interagency Operations
3 Credit hours   45 Contact hours
Explores several components that work together as a system to provide a national framework for preparing for, preventing, responding to, and recovering from domestic incidents. These components include command and management, preparedness, resource management, communications and information management, supporting technologies, and ongoing management and maintenance.

PSM 201 Private Security Management and Administration
3 Credit hours   45 Contact hours
Presents a study of administration and management principles and practices applicable to security management and loss prevention. Topics will focus on organizational structure and development, operations, technology and trends, and management theories.

PSM 202 Legal and Ethical Issues in Private Security
3 Credit hours   45 Contact hours
Offers an in-depth analysis of ethical issues confronting the modern security management professional. Current issues are examined in light of both classical and contemporary standards. Students will articulate an understanding of the symbiotic nature of ethics, morality, and legality through application of written and oral skill in the resolution of police implementation and role conflict.

PSM 203 Evaluation of Security Programs
3 Credit hours   45 Contact hours
Examines industry standards, practices, and methods of determining the adequacy of security management programs. It also explores the concepts of legal and premises liability. Finally, this course explores the interplay of management structures, functions, and processes as well as examines state-of-the-art management techniques and their impact on security operations.

PSM 204 Terrorism
3 Credit hours   45 Contact hours
Provides students with an interactive opportunity to develop enforcement strategies for investigating terrorism, intelligence gathering, and justice. The course will focus on the history and development of traditional and non-traditional terrorist acts, cells, supporting countries, and homeland defensive methodologies for the security professional.   The operational strategies of law enforcement in combating terrorism, including electronic surveillance, intelligence operations, and covert operations will be discussed and applied in role-play situations.

Prerequisite or Corequisite: Successful completion of PSM 131 (grade C or higher)

PSM 205 Crime Prevention through Environmental Design
3 Credit hours   45 Contact hours
Explore the contemporary security management and loss prevention issues are required in architectural design, space management, and urban planning. The concepts presented explain the link between design and human behavior. Understanding this link can enable a planner to use natural environmental factors to minimize loss and crime – and to maximize productivity.

PSM 210 Physical Security and Foreseeability
3 Credit hours   45 Contact hours
Offers the student an opportunity to explore the issues surrounding the appropriateness of the existing security in any location; Review of issues such as industry standards and adequacy of hiring, training, supervision, and policies; Comparison of physical security to ensure reasonableness and appropriateness. Emphasis will be placed on a thorough review of the issue of foreseeability assessment in the determination of proximate cause.

PSM 220 White Collar Crime and Fraud Investigation
3 Credit hours   45 Contact hours
Define and examine white-collar crime and, through a comprehensive analysis of this type of crime, to ascertain who are the predators and victims of this nonviolent but costly criminal activity. Once white-collar criminals and victims have been identified, this course will explore what can be done to deter this crime. In addition, the economic impact of this crime will be reviewed to determine the financial burden caused by white-collar crime.

PSM 230 Physical Security
3 Credit hours   45 Contact hours
Examines the security controls of a physical nature, with the idea that they can only be regarded as one security element in a complete system of many different elements. Examination of site selection, location of facilities on the site, protection of those assets, and budgeting and cost benefit analysis. Physical barriers are examined and discussed to include vaults, safes, fire-resistive buildings, walls, floors, roofs and doors - meeting functional objectives from the viewpoint of object illumination, physical deterrence, and psychological deterrence.

PSM 231 Patrol, Surveillance, and Countermeasures
3 Credit hours   45 Contact hours
Offers the student an opportunity to examine the origins of security. Security originally began as a "guarding" operation. The activity was known as plant protection and the organization was almost entirely watchmen. Security Officers are now recognized as an integral part of the overall security protection plan. This course examines patrol functions, surveillance and countermeasures.

PSM 232 Premises Liability for the Security Professional
3 Credit hours   45 Contact hours
Ascertain and review the problem of premises liability to better serve the needs for protection of assets, people and property. Propose and manage preventive measures to take a proactive approach to the inevitable accident or violent act that may occur on premises.

PSM 233 Public Safety Supervision
3 Credit hours   45 Contact hours
Provides a comprehensive overview for business, industry, and government as well as those faced with the new legal and security issues raised by new public laws, the new regulatory framework, and a new Department of Homeland Security. A complete overview of homeland security laws and regulations; Emerging public safety requirements and policies; Current and evolving programs to protect water, food and air supplies; Latest security challenges in air transportation, vessel and port operations, and chemical handling and storage; Privacy rights-finding the right balance with security concerns; Human resource issues-hiring, firing, monitoring, providing a safe workplace, and Department of Homeland Security: organizational structure and management priorities; Developing the most effective and compliant security plans.

PSM 240 Hazmat Awareness for Security Professionals
3 Credit hours   45 Contact hours
Exploring the Occupational Health and Safety Act's (OSHA) general industry standards and integrates materials from other consensus and proprietary standards that relate to hazardous materials – United Nations and National Fire Protection Act – including flammable and combustible liquids, compressed gases, LP-Gas, cryogenic liquids, anhydrous ammonia and explosives. Processes such as welding, spraying and dipping are covered, as well as electrical equipment, ventilation, and fire protection. This knowledge base prepares the first responder to be alert, aware and safe.

PSM 241 Environmental Health and Safety – Occupational Health and Safety Act (OSHA) Awareness
3 Credit hours   45 Contact hours
Designed to present detailed information on how the provisions of the OSHA Act may be implemented in the workplace. Rights and responsibilities under the OSHA Act, the appeals process, and record keeping are covered. OSHA's general industry standards and an overview of the requirements of the most frequently referenced standards will also be addressed.

PSM 250 Contemporary Issues in Security Management
4 Credit hours   60 Contact hours
Offers topics important to Public Security Management Professionals - discussion will include concepts and applications that pertain to managing hostage situations and critical incidents in both terrorist and critical incident response to a major disaster, and the evolution and cultural response to the social issue of domestic violence with a focus on the "cycle of violence." Additional topics include how technology and advances in technology are instrumental to public security professionals, and common misconceptions regarding the portrayal of public security professionals in respect to today's media coverage.

PSM 275 Special Topics
1-12 Credit hours   15-180 Contact hours

Provides the student with a vehicle to pursue in depth exploration of special topics of interest.

PSM 280 Internship
1-12 Credit hour(s)   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.
Prerequisite: Permission of the Department

Real Estate Courses

REE 201 Real Estate Broker I
6 Credit hours   90 Contact hours
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 and MAT 055 (grade C or higher) or equivalent assessment scores.

REE 202 Real Estate Broker II
6 Credit hours   90 Contact hours
Enables students, 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 Broker's license. Includes Colorado contracts and regulations, closings, and record keeping and trust accounts.
Prerequisite: Successful completion of CCR 092 and MAT 055 (grade C or higher) or equivalent assessment scores.

Respiratory Care Courses

RCA 105 Introduction to Respiratory Care
1 Credit hour   15 Contact hours
Introduces the profession of respiratory care including history of the profession ; current and future role of the respiratory care professional ; role, function, and interrelationships of several professional organizations ; introduces quality and evidence-base practice ; patient safety, communication and record keeping ; the principles of infection control ; and legal and ethical implications in the practice. This is a hybrid course.
Prerequisite: BIO 201 or permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 121 Fundamentals of Clinical Care
3 Credit hours   45 Contact hours
Provides information necessary to function safely and efficiently in the clinical setting. It includes the study of universal precautions, infection control, asepsis, body mechanics, patient charting, communication skills, organizational skills, and basic patient assessment.
Prerequisite: BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 132   Basic Techniques-Respiratory Care II
5 Credit hours   90 Contact Hours
Continues RCA 131 and focuses on airways, aerosol therapy, chest physiotherapy, and positive pressure breathing.
Prerequisite: BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 151 Cardiopulmonary Anatomy/Physiology
3 Credit hours   67.5 Contact hours
Focuses on the structure of the pulmonary and cardiovascular systems. Addresses independent functional relationships.
Prerequisite: BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 152 Cardiopulmonary Pathology
4 Credit hours   60 Contact hours
Focuses on a study of the diseases affecting the lungs and pulmonary circulation. Emphasizes clinical manifestations and the relationship of pathology and treatment.
Prerequisite: BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 161 Cardiopulmonary Diagnostic I
1 Credit hour   15 Contact hours
Examines the technical concerns of an arterial blood gas determination and EKG techniques and interpretation.
Prerequisite:BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 165 Pharmacology-Cardiopulmonary Care
3 Credit hours   45 Contact hours
Focuses on a study of the principles of pharmacology and the pharmacologic properties and application of drugs commonly employed in the treatment of cardiopulmonary disease.
Prerequisite: BIO 201 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 230 Critical Care I
2 Credit hours   37.5 Contact hours
Focuses on the care of critically ill patients. Includes advanced pulmonary physiology and pathophysiology, assessment and monitoring of acute and chronic respiratory failure, mechanical ventilation, and emergency respiratory care. Incorporates a laboratory portion that enables the student to develop skills essential for the

assessment and treatment of the critically ill.
Prerequisite: All first year RCA courses or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 232 Advanced Monitoring
2 Credit hours   30 Contact hours
Develop the necessary skills required of Respiratory Care professionals to include monitoring and assessment of the patient requiring intensive care using both non-invasive and invasive data. Topics include: introduction to hemodynamic values and interpretation of the results; characteristics and indications of both bronchoscopy and sleep disorders; and introduction to research.
Prerequisite: All first year RCA courses or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 251 Critical Care II
3 Credit hours   60 Contact hours
Focuses on selected topic areas in critical care. Includes both technical and management concerns in the intensive care setting.
Prerequisite: RCA 230 and RCA 252 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 252 Cardiopulmonary Diagnostic II
1 Credit hour   15 Contact hours
Explores the procedures used in the diagnosis of pulmonary disease through pulmonary function testing.
Prerequisite: RCA 161 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 253 Perinatal/Pediatric Respiratory Care
3 Credit hours   45 Contact hours
Focuses on the pathophysiology and technology that relates to the neonatal-pediatric patient.
Prerequisite: All first year RCA courses or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory

Therapy Degree program to take this class.

RCA 259 Advanced Mechanical Ventilation
3 Credit hours   45 Contact hours
Provide the student with the opportunity to thoroughly probe into the function of mechanical ventilators and how ventilators actually work. It is important for the student to adjust the way they think about ventilators and how to begin to master their operation.
Prerequisite: RCA 253 and RCA 251 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 281 Internship II
9 Credit hours   270 Contact hours
Focuses on the care and analysis of the critically ill patient. Rotations into specialty areas are carried out as the schedule permits.
Prerequisite: All first year RCA courses or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 283 Internship III
9 Credit hours   270 Contact hours
Continues to address the care and analysis of the critically ill patient and specialty rotations. Attempts to more closely evaluate the student's ability to manifest critical judgments in solving clinical problems and understanding professional/departmental activities.
Prerequisite: RCA 281 or Permission of Program Director

Course Note: This course is taught at Pickens Technical College.   A student must be accepted in the Respiratory Therapy Degree program to take this class.

RCA 289 Capstone
1 Credit hour   15 Contact hours

A demonstrated culmination of learning within a given program of study.

Russian Courses

RUS 101 Conversational Russian I
3 Credit hours   45 Contact hours
Introduces beginning students to conversational Russian and focuses on understanding and speaking Russian. Covers

basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

RUS 102 Conversational Russian II
3 Credit hours   45 Contact hours
Continues the sequence for students who wish to understand and speak Russian. Covers basic conversational patterns, expressions and grammar.
Prerequisite: Successful completion of RUS 101 (grade C or higher).

RUS 111 Russian Language I
5 Credit hours   75 Contact hours
Introduces a sequence dealing with the development of functional proficiency in listening, speaking, reading and writing the Russian language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion on CCR 092 (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

RUS 112 Russian Language II
5 Credit hours   75 Contact hours
Continues Russian Language I in the development of functional proficiency in listening, speaking, reading and writing the Russian language. Note: The order of the topics and the methodology will vary according to individual texts and instructor.
Prerequisite: Successful completion of RUS 111 (grade C or higher) or permission by the Department Chair.

RUS 201 Conversational Russian III
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking Russian.   Focuses on intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of RUS 102 (grade C or higher).

RUS 202 Conversational Russian IV
3 Credit hours   45 Contact hours
Continues the sequence for students to advance in their study of understanding and speaking Russian.   Focuses on intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of RUS 201 (grade C or higher).

RUS 211 Russian Language III (GT-AH4)
3 Credit hours   45 Contact hours
Continues Russian Language I and II in the development of increased functional proficiency in listening, speaking, reading and writing the Russian 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 RUS 112 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

RUS 212 Russian Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues Russian Language I, II and III in the development of increased functional proficiency in listening, speaking, reading and writing the Russian language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prerequisite: Successful completion of RUS 211 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

RUS 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 by the Instructor

Science Courses

SCI 105 Science in Society (GT-SC2)
3 Credit hours   45 Contact hours

Examines issues relating to the way science affects society. Students will investigate issues in information technology, the environment, physics and astronomy, biology, medicine and the interaction of science with politics. The class will focus on gathering accurate scientific information and applying critical thinking skills and the scientific method to analyze how science plays both positive and negative roles in society. Emphasis will be on student research, inquiry and analysis of science related issues.

Course Note: This is a statewide guaranteed transfer course.

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.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094, or appropriate assessment scores (SS 95, RC 80) and MAT 050 (grade C or higher) or appropriate assessment scores (EA85+)

Course Note: This is a statewide guaranteed transfer course.

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 and refinement of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments.
Prerequisite: Successful completion of SCI 155 (grade C or higher) or permission of the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

Small Business Management Courses

(See Business)

Sociology Courses

SOC 101 Introduction to Sociology I (GT-SS3)
3 Credit hours   45 Contact hours
Examines the basic concepts, theories, and principles of sociology, as well as human cultures, social groups, and the social issues of age, gender, class, and race.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 102 Introduction to Sociology II (GT-SS3)
3 Credit hours   45 Contact hours
Examines social institutions and organizations from the macro perspective. Emphasizes issues of social change, demography, social movements, and conflicts and trends within education, religion, family, political, and economic structures.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 205 Sociology of Family Dynamics (GT-SS3)
3 Credit hours   45 Contact hours
Develops an understanding of marriage, family, and kinship. Examines the family as an institution and describes how social, cultural, and personal factors influence family relations. The stability and diversity of the family are explored, along with current trends and some alternative lifestyles.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 207 Environmental Sociology (GT-SS3)
3 Credit hours   45 Contact hours
Examination of humans and the environment from an ecological perspective. Focuses on industrial and economic growth versus sustainability, natural resources development and management, environmental values and social movements, and comparative perspectives on people's relationship to the environment. Review of the Green movement and other environmental movements and their impacts upon social dynamics, the environment, and the evolution of social movements.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 215 Contemporary Social Problems (GT-SS3)
3 Credit hours   45 Contact hours
Explores current social issues that result in societal problems. Focuses on such issues as civil liberties, gender discrimination, substance abuse, crime, poverty, and social change.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 216 Sociology of Gender (GT-SS3)
3 Credit hours   45 Contact hours

Gives students the theoretical and factual background necessary to understand the phenomenon of gender stratification in American and other cultures. Students will be exposed to a history of gender stratification in human societies, theoretical explanations for this and insights into the consequences of gender differentiation in our world today.
Prerequisites: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).
Course Note: This is a statewide guaranteed transfer course.

SOC 218 Sociology of Diversity
3 Credit hours   45 Contact hours
Explores the variety of inter-group relations regarding race, nationality, ethnicity, gender, sexual orientation, and other diversity issues. Discusses patterns of prejudice, discrimination, and possible solutions to these issues.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

SOC 220 Sociology of Religion (GT-SS3)
3 Credit hours   45 Contact hours
Provides an introduction to the sociology of religion, including a comparative and critical examination of world religions, by focusing on sociological interpretation and explanation of the role of religion in human culture. The interaction between society and religion is thus examined as are a wide variety of religious beliefs and practices.

Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 231 Sociology of Deviant Behavior (GT-SS3)
3 Credit hours   45 Contact hours
Examines the nature, Identification, and explanation of deviant categories. Theories and philosophies as well as methods of treatment related to deviancy will also be considered. The course will study society's attempts to control, change, and institutionalize those acts, individuals, or groups that a population may deem unacceptable.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 237 Sociology of Death and Dying (GT-SS3)
3 Credit hours   45 Contact hours
Provides an opportunity to familiarize students and professionals with the needs and issues surrounding dying and death. Provide sociological, psychological, religious, historical, and anthropological perspectives for interpreting contemporary American customs dealing with dying, death, and bereavement. Examines the professions associated with death and dying, such as hospice, funeral and crematory institutions, and medical care.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Course Note: This is a statewide guaranteed transfer course.

SOC 275 Special Topics in Sociology
3 Credit hours   45 Contact hours
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores (SS95, or RC 80).

Spanish Courses

SPA 101 Conversational Spanish I
3 Credit hours   45 Contact hours
Offers beginning students the skills necessary to understand and speak Spanish. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

SPA 102 Conversational Spanish II
3 Credit hours   45 Contact hours
Offers students the skills necessary to understand and speak Spanish. The material continues to cover conversational patterns, expressions and grammar.
Prerequisite: Successful completion of SPA 101 (grade C or higher).

SPA 109 Spanish for Travelers
2 Credit hours   30 Contact hours
Introduces the basic vocabulary and expressions useful to travelers in the Spanish speaking countries. The course will concentrate on the customs, traditions and cultural attitudes to be discovered by a visitor to the destination country. Cultural diversity and global awareness are integral to this course of study. This course does not fulfill Humanities Area Requirements. Not intended for transfer.

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 (SS 70+, RC: 62+).

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 114 Fast-Track Spanish I and II
5 Credit hours   75 Contact hours
Designed to bridge beginning SPA courses with intermediate SPA courses. It is designed for students who have studied two years of the target language in high school and possess linguistic and cultural knowledge that true beginners do not, but are not ready yet to move to the intermediate level because they need an in-depth review of essential structures.
Prerequisite: Two years of Spanish in high school or more or permission of the Department Chair.

SPA 115 Spanish for the Professional I
3 Credit hours   45 Contact hours
Designed as an introduction to a working knowledge of the target language, cultural behaviors and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others.

SPA 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.
Prerequisites: Permission by the Instructor.

SPA 201 Conversational Spanish III
3 Credit hours   45 Contact hours
Provides students with the skills necessary to continue their study of understanding and speaking Spanish. The material includes intermediate level vocabulary, grammar, and expressions.
Prerequisite: Successful completion of SPA 102 (grade C or higher).

SPA 202 Conversational Spanish IV
3 Credit hours   45 Contact hours

Provides students the skills necessary to continue their study of understanding and speaking Spanish. The material will continue to cover intermediate level conversational patterns, expressions, and grammar.
Prerequisite: Successful completion of SPA 201 (grade C or higher).

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.
Prerequisite: Successful completion of SPA 112 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

SPA 212 Spanish Language IV (GT-AH4)
3 Credit hours   45 Contact hours
Continues Spanish Language I, II and III 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.
Prerequisite: Successful completion of SPA 211 (grade C or higher) or permission by the Department Chair.

Course Note: This is a statewide guaranteed transfer course.

SPA 215 Spanish for the Professional II
3 Credit hours   45 Contact hours
Continues SPA 115 in the development of a working knowledge of the target language, cultural behaviors and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others.
Prerequisite: Successful completion of SPA 115 (grade C or higher).

SPA 235 Spanish Reading-Writing
3 Credit hours   45 Contact hours
Builds vocabulary and develops reading and writing strategies in Spanish to be able to analyze fictional and non-fictional texts and gain further cultural insight of the Hispanic world.
Prerequisite: Successful completion of SPA 212 (grade C or higher) or Permission by the Department Chair.

SPA 261 Grammar for the Heritage Language Speaker
3 Credit hours   45 Contact hours
Provides formal grammatical instruction to Foreign Language students whether native or bilingual who want to develop their existing proficiency in the target language.
Prerequisite: Permission by the Department Chair.

SPA 262 Composition for the Heritage Language Speaker
3 Credit hours   45 Contact hours
Provides formal composing instruction to Spanish Language students whether native or bilingual who want to develop their existing proficiency in the target language.
Prerequisite: Permission by the Department Chair.

SPA 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 by the Instructor.

Speech Courses

(See Communication)

Study Skills Courses

(See Academic Achievement)

Theatre Courses

THE 105 Theatre Appreciation (GT-AH1)
3 Credit hours   45 Contact hours
Includes discussions, workshops, and lectures designed to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, criticism, and theory.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

Course Note: This is a statewide guaranteed transfer course.

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 111 Acting I
3 Credit hours   45 Contact hours
Covers basic acting techniques and approaches, including scene study, improvisation, and script analysis. Includes practical application through classroom and showcase performances.
Prerequisite: Successful completion of CCR 092, (grade C or higher) or equivalent assessment scores (SS 70+, RC: 62+).

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   45 Contact hours
Introduces hands-on methods of constructing and painting scenery and properties and operating stage lighting. Students also learn the proper procedures for using shop equipment and serving on stage crews.
Prerequisite: THE 105 is recommended.

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 135 Stage Makeup I
3 Credit hours   45 Contact hours
Covers design and application techniques, including basic corrective, character, old age, and fantasy application.

THE 140 Stage Dialects
1 Credit hour   15 Contact hours
Teaches students to develop skills in nine dialects and accents.

THE 152 Production Stage Management I
3 Credit hours   60 Contact hours
Focuses on the basics of stage management, including making a stage manager`s book, organizational methods and protocols of production, calling cues in production and personnel relationships and responsibilities.
Prerequisite: Successful completion of THE 131 (grade C or higher) or permission of instructor.

THE 153 Production Stage Management II
3 Credit hours   60 Contact hours
Examines the practical and creative side of production stage management from a participatory stance by serving as the production stage manager for the current main stage production. Participation is subject to an interviewing process with

the show's director/producer and is limited to two students per semester. Interviews will start as much as three months in advance of semester enrollment and may last through the second week of the semester of enrollment.
Prerequisite: Successful completion of THE 131 (grade C or higher) or permission of instructor.

THE 204 Voice and Articulation
2 Credit hours   30 Contact hours
Emphasizes vocal development including diction, enunciation, projection, dialects, and vocal interpretation of written materials. Students strive to eliminate regionalisms and tonal faults, e.g., nasality, stridency, sibilance, breathiness.

THE 211 History of Theatre: Greek-Reniassance I (GT-AH1)
3 Credit hours   45 Contact hours
Surveys the history and evolution of drama from Ancient Greece to the Renaissance, emphasizing all aspects of the art from period values to analysis of dramatic literature and performance.
Prerequisite: THE 105 is recommended. Successful completion of ENG 060 or CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

THE 212 History of Theatre Restoration to Modern II (GT-AH1)
3 Credit hours   45 Contact hours
Surveys the history and evolution of drama from the Renaissance to the present, emphasizing all aspects of the art from period values to the analysis of dramatic literature and performance.
Prerequisite: THE 105 is recommended.

Course Note: This is a statewide guaranteed transfer course.

THE 213 Intermediate Acting I
3 Credit hours   45 Contact hours
Continues Acting Theatre 112. Emphasis is on artistic concentration of voice and movement. A detailed character biography is required.
Prerequisites: Successful completion of THE 112 (grade C or higher).

THE 214 Intermediate Acting II
3 Credit hours   45 Contact hours
Emphasizes artistic concentration of voice and movement. Detailed character biography is required. This course is a continuation of THE 213.
Prerequisites: Successful completion of THE 213 (grade C or higher).

THE 215 Playwriting
3 Credit hours   45 Contact hours
Gives students the opportunity to learn and practice playwriting techniques, thereby improving creative writing skills.

Elements of dramatic structure, dialogue, styles, and theatrical practices are emphasized.

THE 218 Readers Theatre
3 Credit hours   45 Contact hours
Studies ensemble interpretation of literature – poetry, prose, and drama, primarily through the medium of the spoken word.

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 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: Successful completion of THE 111, THE 112, and/or THE 132 (grade C or higher) or permission of instructor.

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: Successful completion of THE 111, THE 112, and/or THE 231 (grade of C or higher) or permission of instructor.

THE 246 Rehearsal & Performance
1 Credit hour   15 Contact hours
Gives the student actor practical experience in a real acting environment. Through the audition and rehearsal process the student `s imagination and creative potential will be stimulated. Special attention will be given to characterization, stage movement, speech techniques, dramatic form and the rehearsal / production / performance process. The successful rehearsal and presentation of the current production to the public will be the focal point of their activities. Previous acting experience is helpful but not required.

THE 247 Rehearsal & Performance
2 Credit hours   30 Contact hours
Gives the student actor practical experience in a real acting environment. Through the audition and rehearsal process the student `s imagination and creative potential will be stimulated. Special attention will be given to characterization,

stage movement, speech techniques, dramatic form and the rehearsal / production / performance process. The successful rehearsal and presentation of the current production to the public will be the focal point of their activities. Previous acting experience is helpful but not required.

THE 248 Rehearsal & Performance
3 Credit hours   45 Contact hours
Gives the student actor practical experience in a real acting environment. Through the audition and rehearsal process the student `s imagination and creative potential will be stimulated. Special attention will be given to characterization, stage movement, speech techniques, dramatic form and the rehearsal / production / performance process. The successful rehearsal and presentation of the current production to the public will be the focal point of their activities. Previous acting experience is helpful but not required.

THE 275 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.

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 or the Permission by the Department Chair or World Languages Program Coordinator.
Course Note: This course belongs to Block I of the certificate

TRI 102 The Business of Translation and Interpretation
2 Credit hours   30 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: Enrollment in or completion of TRI 101 (grade C or higher) or Permission by the Department Chair.

Course Note: This course belongs to Block I of the certificate.

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 by the Department Chair.

Course Note: This course belongs to Block II of the certificate.

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 201 Consecutive Interpretation
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.

Course Note: This course belongs to Block I of the certificate.

TRI 202 Simultaneous Interpretation
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.

Note: This course belongs to Block II of the certificate.

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.

Note: This course belongs to Block II of the certificate.

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.

Women's Studies Courses

WST 200 Introduction to Women's Studies (GT-SS3)
3 Credit hours   45 Contact hours
Examines the nature and function of women in society from an interdisciplinary perspective, focusing on the similarity and diversity of women's experience over time and across cultures. Examines topics such as sex roles, socialization, political, and philosophical perspectives on women's issues, and women's accomplishments in history, art, literature, science, health issues, and the family. Students will gain awareness of the limitations of traditional scholarship on women, and gain a means of practical application of the new scholarship on women's roles and nature.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment score.

Course Note: This is a statewide guaranteed transfer course.

WST 225 Women and Social Action (GT-SS3)
3 Credit hours   45 Contact hours
Enables students to gain understanding of the role of systems of oppression in society and avenues available to them to create both individual and collective change through social action. Students become aware of their ability to enact change and the empowerment that process provides. Explores issues of diversity, including, but not limited to, race, class, gender, age, and disability. Emphasizes critical thinking skills informed by feminist pedagogy.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.
Course Note: This is a statewide guaranteed transfer course.

WST 240 Goddesses and Women in the Ancient World (GT-SS3)
3 Credit hours   45 Contact hours
Surveys gender socialization and the roles, challenges, contributions, and images of women in the development of cultures. Through a study of arts, literature, music, politics, religion, philosophy, laws, and social standards, students are introduced to the history of ideas that have defined women's place in societies. Examines goddesses, rituals, and ceremonies and how the image of the Feminine Divine changed from matriarchal cultures through establishment of patriarchal cultures, including European and non-European, from the ancient World through the Middle ages.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

WST 249 Women's Sexuality (GT-SS3)
3 Credit hours   45 Contact hours
Explores how different cultures have understood women's sexuality and the power of femininity. 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 history, and creative visualizations of women's sexuality in literature, visual, musical and performance art.
Prerequisite: Successful completion of CCR 092, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

Course Note: This is a statewide guaranteed transfer course.

WST 275 Special Topics in Women's Studies
1-6 Credit hour(s)   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, CCR 093, or CCR 094 (grade C or higher) or equivalent assessment scores.

ADMINISTRATION AND STAFF

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 administrative and program leaders, as well as a complete listing of our outstanding faculty. For complete phone numbers and room numbers, students need to consult the Schedule of Classes or online at www.CCAurora.edu/programs/schedule/.

President's Office

Betsy Oudenhoven, President
B.S., St. Lawrence University; M.A., University of Colorado - Boulder; Ph.D., Loyola University Chicago

Tami Morrissey, Executive Assistant to the President

Janet Brandau, Vice President of Academic Affairs
B.A., M.A., University of Northern Colorado

Cindy Hesse, Director of Human Resources
B.S., Colorado State University

Richard Maestas, Vice President of Administrative Services
B.S., M.B.A., Colorado State University at Pueblo

Christopher Ward, Vice President of Institutional Effectiveness
B.A., Concordia College; M.Div., San Francisco Theological Seminary
M.Ed., Ph.D., University of Pittsburgh

Information Technologies

Keith Dahl, Interim Director, Information Technology

Kathleen Potter, IT Administrative Assistant

Eduardo Peralta, Integrated Communications Administrator

Mike Willeford, IT Helpdesk

Vacant, IServer Administrator

Aaron DeJong, Network Administrator

Kevin Andrews, Computer Systems Technician

Glen Murphy, Computer Systems Technician

Carlos Osorio, Computer Systems Technician

College Communications

Liz VanLandingham, Director, Communications and Marketing
B.S., University of Colorado; M.F.A., Naropa University

Ethan Ruzzano, Assistant Director of Digital Media and Marketing
B.A., Principia College

Lee Rasizer, Public Relations Coordinator
B.A., University of Arizona

Anna Pan, Broadcast and Media Specialist
B.A., Minzu University of China, Bejing; M.C.D.M., University of Washington

Jaclyn Zwerg, Graphic Design and Digital Media Assistant
B.A., University of Wisconsin - Green Bay

Grants and Planning

Christopher Ward, Vice President, Institutional Effectiveness
B.A., Concordia College; M.Div., San Francisco Theological Seminary
M.Ed., Ph.D., University of Pittsburgh

Andrea Flynn, Administrative Assistant

Institutional Research

Catherine Trouth, Director of Institutional Research and Effectiveness
M.A., University of Colorado at Boulder

Curtis Baker, Applications Developer
B.S., Metropolitan State College

Andrew Call, Research Analyst, Institutional Research
B.A., M.S., Utah State University

Center for Workforce Development

Joyce Benson-Fox, Director, Center for Workforce Development
B.A., Metropolitan State University of Denver, M.A., University of Colorado Denver

Nathan Crow, Assistant Director, Center for Workforce Development
B.S., Brigham Young University, M.P.A., George Washington University

Barbara Guion, Program Assistant, Center for Workforce Development

Andrea Smith, Case Manager-CHOICES, Center for Workforce Development
B.A., University of New Mexico, M.S.W., New Mexico Highlands University

Crissy Deen, Job Transition Specialist, Center for Workforce Development
B.S., University of Phoenix

Rodney Lanham, Job Transition Specialist, Center for Workforce Development
B.S., Colorado State University

Linda Prien, Job Transition Specialist, Center for Workforce Development
B.A., Metro State University, M.S.W., University of Denver

Tanya Tyrrell, Job Transition Specialist, Center for Workforce Development
B.A., University of Arizona, M.P.A., Arizona State University

Alisa Trowel, Employment Developer, Center for Workforce Development
M.A., Minnesota Graduate School of Theology

Human Resources

Cindy Hesse, Human Resources Director
B.S., Colorado State University

Sharon Connelly, Program Assistant I
B.Mus., M.Ed., North Texas State University

Debbie Irvine, Assistant Director of Human Resources

Heidi McKinnon, Administrative Assistant
B.S., Regis University

CCA Foundation

Gene Sobczak, Executive Director, Foundation
B.A., Rutgers University

Regina Edmondson, Associate Development Director

Sarah Grace Pretzer, Campaign Specialist
B.A., State University of New York at Potsdam

Joshua Gold, Associate Director of Donor Relations
M.N.M., Regis University; B.A., Colorado State University

Academic Affairs

Janet Brandau, Vice President of Academic Affairs
B.A., M.A., University of Northern Colorado

Lonnie Tyler, Assistant to the Vice President of Academic Affairs
B.A., University of the District of Columbia

Tamara Conley, Assistant to the Vice President of Academic Affairs
B.S., University of Colorado of Denver

Office of Academic Affairs Support

Patti Molai, Academic Support Coordinator
B.S., Colorado State University; M.A., Webster University

Mary Graham, Manager of Instructional Support and FLAC
B.S., Black Hills State University

Alex Nye, Instructional Designer/Technologist
B.A., University of Connecticut; M.A., University of Connecticut

Nicole McDaniel, FLAC Processor

Barbara Williams, FLAC Processor

School of Liberal Arts

Ted Snow, Dean of School of Liberal Arts
B.A., University of Northern Colorado; M.A., Colorado State University; Ph.D., Colorado State University

Jennifer Dale, Chair, Behavioral Sciences
B.S., Colorado State University; M.A., Regis University

Stacey D'Angelo, Performing Arts Coordinator
B.F.A., Ithaca College; M.F.A., Naropa University

Geoffrey Hunt, Chair, Social Sciences
B.A., University of Wyoming; M.A., State University of New York; Ph.D., University of Colorado

Ana Martin-Mejia, Chair, Humanities
B.A., Universidad Complutense de Madrid; Graduate Studies, Universidad Antonio de Nebrija; M.A., Virginia Tech

Scott Reichel, Chair, English
B.S., University of Colorado; M.A., University of Northern Colorado

Christopher Tombari, Chair, English as a Second Language
B.A., Texas A&M University; M.A., University of Colorado Denver

Natasha Turner, Chair, Education and Early Childhood Education
B.A., Fontbonne University; M.S., University of Southern California

Vacant, Chair, Performing Arts

Amie Thompson, Administrative Assistant III, Social Sciences, ESL
B.S., Metropolitan State College Denver

Mary Westendorf, Administrative Assistant III, Mathematics, English and Communication, Education and Early Childhood Education, and Performing Arts and Humanities
A.A.S., Arapahoe Community College

Rebecca Watson, Administrative Assistant III, of Academic Affairs and School of Liberal Arts
B.S., Virginia Commonwealth University

The Aurora Language Center - English as a Second Language

Christopher Tombari, Department Chair
B.A., Texas A&M University; M.A., University of Colorado Denver

Stephanie Lawton, Director of the Community ESL Program
B.A., University of Delaware

Jill Szynskie, Assistant Coordinator of the Community ESL Program

B.A., Kansas State University

School of Public Safety and Health

Renie DelPonte, Dean School of Public Safety and Health
B.S., Colorado State University; M.S., Slippery Rock University; M.Ed., Jones International University; Dr. P.H., Loma Linda University

Charles Robinson, Assistant to the Dean
B.A. Metropolitan State University of Denver; M.A., University of Colorado Denver

Gregory Atencio, Diesel Power Mechanics

Pony Anderson, Director, Center for Simulation
NREMT-P, Community College of Aurora

Concurrent Enrollment

Amber Gish, APS Concurrent Enrollment Specialist

Don Keeley, PACESetter Coordinator
A.A., Arapahoe; B.A., University of Northern Colorado; M.A., University of Phoenix

Jeffrey Kenney, Assistant Director Concurrent Enrollment
B.S., St. Petersburg College; M.A., University of Denver

Olimpia Marroquin, Concurrent Enrollment Coordinator
B.A., University of Colorado at Denver

Steve Simpson, Concurrent Enrollment Coordinator
B.A., B.S. Ed., Indiana University of Pennsylvania; M.Ed., Gannon University

Law Enforcement, Legal Studies and Public Safety

Michael Carter, Director, Police Academy; Department Chair, Public Safety, Paralegal/Legal Studies, and Wellness/PED
B.S., M.S.C.J.A., Chaminade University

Stephanie Agner, Administrative Assistant, Police Academy, Public Safety, Homeland Security, Paralegal, Legal Studies, and Wellness/PED
A.G.S., Community College of Aurora

Michelle Doucette, Program Assistant Police Academy

Margaret Ann Uchner, Program Coordinator, Criminal Justice, Paralegal/Legal Studies
J.D., University of Wyoming College of Law

Emergency Medical Provider and Fire Science Technologies

Beth Lattone, Chair
B.S., Cornell University; EMT-P

Terry Findley, EMS Equipment Technician

Jenn Scott, EMS Equipment Technician

Mark Stephenson, Fire Science Technologies Coordinator
M.S.P.A., University of Colorado; EMT-P

Cindy Smith, Program Assistant, EMS/FST
A.A.S., Community College of Aurora

Camelia Naranjo, Clinical Coordinator, EMS/FST
B.A., Metro State University; M.A., Regis University

Health Science

Jennifer VanderMeer, Director of Health Sciences
B.S.N., Hope College; M.S.N., M.B.A., University of Phoenix

Gina Iannelli, Retention/Advising Specialist for the Integrated Nursing Pathway
M.P.A., University of Colorado, Denver; M.S.C., University of Phoenix

School of Professional Studies and Sciences

Victor Vialpando, Dean - School of Professional Studies and Sciences
B.S., M.B.A., University of Colorado at Denver

Veronica Russell, Administrative Assistant, Dean's Office
A.A.S., Community College of Denver

Beatrice Salazar
B.A., University of Colorado, Denver

Art & New Media Design

Scott Wakefield, Chair
B.F.A., Art Center College of Design; M.F.A., Utah State University

Celia Miller-Morrissey, Administrative Assistant

Colorado Film School

Frederic Lahey, Director, Colorado Film School
B.A., M.F.A., Columbia University

Christopher Beeson, Administrative Assistant
B.A., Millikin University, M.A., Reed College

Jordan Meyersieck, Technology, Systems & Space Integration Specialist
B.A., Spring Arbor University

Jennifer D. Scott, Student Success Coordinator, Colorado Film School
B.M., University of Idaho; M.M., University of Colorado at Boulder

Laura Stephens, Webmaster/Receptionist
Certificate, Wake Technical Community College

James Tharp, Equipment Room Manager
B.A., The Colorado College; M.F.A., Montana State University

Computer Sciences

JoAnn Burkhart, Interim Chair, Computer Information Systems

Deb Farley, Administrative Assistant

Mathematics Department

James Gray, Chair, Mathematics
A.A., Community College of Aurora; B.A., University of Northern Colorado; M.A., University of Colorado

Mary Westendorf, Administrative Assistant
A.A.S., Arapahoe Community College

School of Business, Lowry Campus

Virginia Karras, Interim Chair-Business
B.A., Carleton College; M.B.A., University of Denver

Heather McMichael, Business Faculty and Advisor
M.B.A., Webster University at Ft. Stewart, GA

Art Vaughn, Business Faculty
M.B.A., Regis University

Emilia Penkova-Pearson
PhD., MSc., University of Birmingham, United Kingdom

Veronica Russell, Administrative Assistant, Business
A.A.S., Community College of Denver

Margaret Beck, Database Coordinator
B.A., Sarah Lawrence College; M.S., Regis University; M.F.A, University of Iowa

Science Department

Martha Jackson-Carter, Chair, Sciences
B.A., University of Colorado; Graduate Studies, University of Connecticut

Deb Farley, Administrative Assistant

Tara Croom, Science Lab Technician
A.S., Community College of Aurora; B.S., Metropolitan State College of Denver

Student Affairs

Elena Sandoval-Lucero, Vice President of Student Affairs
B.A., University of Northern Colorado; M.A., Ph.D., University of Colorado Denver

Javon Brame, Assistant to the Vice President of Student Affairs
B.A., Langston University

Angie Tiedeman, Coordinator of Student Intervention and Retention
B.S.W., Colorado State University

Admissions, Registration and Records

Rita Borgonah, Transcripts Clerk
A.G.S., Community College of Aurora

Kristen Cusack, Registrar and Director of Admissions
B.S., Metropolitan State College of Denver

Kelly Gaer, Credentials Evaluator
B.A., University of Colorado at Denver

Nicole Hockert, Lead Admissions Specialist
B.A., University of Colorado at Denver

Karen Hurtado, Records and Residency Processor

Kathy Jackson, Welcome Center
A.A., Community College of San Diego; A.G.S., Community College of Aurora

Camille Leon, Office Manager

Valerie Sangiuliano, Assistant College Registrar
A.A., Community College of Aurora

Advising

Barbara Lindsay, Director of Career Services
B.S., Colorado State University – Ft. Collins; M.S., Colorado State University - Global

Anna Jansen, Academic Advisor
A.A., Community College of Aurora

Cheryl Waite, Academic Advisor
B.A., M.A., University of Colorado

Emelda Jones, International Student Program Coordinator
B.A., M.A., University of Denver

Svetlana Ehrhart, Part-time Academic Advisor
B.A., St. Petersburg University - Russia

Robin Blish,   Advising Administrative Assistant
B.A., Adams State College

Libby Broughton, Part-time Advisor
B.A., Metropolitan State College of Denver; M.S.M., Regis University

Mark Smith, Part-time Advisor
A.A.S., B.S., Rochester Institute of Technology; M.H., University of Colorado at Denver

Julie Johnson, Part-time Advisor
B.S., Colorado State University; Graduate Studies, University of Colorado

Maura Hess, Part-time Advisor
B.A., Tufts University

Holly Amaro, Part-time Advisor
A.A., Community College of Aurora, B.A., University of Colorado at Denver

Belinda Marshall, Part-time Advisor
R.N.; A.D.N., Community College of Denver; B.S., Metropolitan State University

Career Services

Barbara Lindsay, Director of Career Services
B.S., Colorado State University – Ft. Collins; M.S., Colorado State University - Global

Robert Burnett, Career Advisor
B.S., University of Phoenix

Barbara Young, Internship Coordinator
B.S., Johnson & Wales University

Student Success Center

Libby Klingsmith, Director of the Student Success Center
B.A., M.A., University of Northern Colorado

Brad Jacobson, Assistant Director for the Transfer Success Program
B.A., M.A., University of Southern Illinois

Nnena West, Assistant Director for TRiO Student Support Services
B.A., Metropolitan State University of Denver

Erick Chavez, Advisor for TRiO Student Support Services
B.A., University of Northern Colorado

Robyn Jackson, Advisor for TRiO Student Support Services
B.A., University of Northern Colorado, M.A., University of Denver

Sherita Caraway, Administrative Support Specialist for the Student Success Center
A.A., Community College of Aurora

Megan Keeley, Advisor for Aurora Public Schools ASCENT Program
B.A., Colorado State University

Military/Veteran Services

Judy Steele, Veterans Certifying Official
A.A.S., A.S., Community College of Aurora, B.S., Colorado State University-Global

Accessibility Services

Steven Zeeh, Director of Accessibility Services
M.S., University of Wisconsin Oshkosh

Sheryl Broadnax, Administrative Assistant

Kathy Weisensel, Accessibilities Services Specialist

Testing Center

Cheryl Tomlinson, Testing Specialist

Learning Resource Center

JoAnna Primus, Director of Library Services
B.A., Iowa State University; M.L.I.S., Dominican; M.A.P, Chicago School of Professional Psychology

Kevin Dunbar, Library Assistant
B.A., Metropolitan State College of Denver

Michelle Duran, Administrative Assistant II

Student Life

Tim Cali, Coordinator of Student Life

Traci Fielden, Administrative Assistant
A.G.S., Community College of Aurora

Lowry Student Services

Rebecca Bernstein, Manager of Lowry Student Services
M.N.M., Regis University

JoAnne Barnes, Administrative Assistant

Phebe Lassiter, Academic Advisor
M.S., Colorado State University

Greg Moore, Academic Advisor
M.S., Kansas State University

Jonathan Adams, Student Services Specialist
B.A., University of Denver

Jennifer Viera, Administrative Assistant II
A.S., Colorado Technical University

Sabrina James, Cashier
A.G.S., Community College of Aurora

Tracy Mendoza, Assistant Registrar
B.S., University of Southern Colorado

Outreach and Recruitment

Kyla Doddridge, Director
B.S., University of Northern Colorado, M.Ed., Ph.D.,Texas Tech University

Diana Counterman, Administrative Assistant
B.A., Metropolitan State College of Denver

Gabriel Fischer, Admissions Counselor, Recruitment
B.S., Johnson and Wales University

Stacy Brown, Student Outreach and Orientation Coordinator
B.A., University of Arizona, M.Ed., Plymouth State University

Administrative Services

Richard Maestas, Vice President of Administrative Services
B.S., M.B.A., Colorado State University at Pueblo

Fiscal Affairs

Mercy Abraham, Controller
C.P.A., M.B.A., Philadelphia University

Michael Broadbent, Director of Fiscal Operations
B.S., University of Phoenix

Kathy Bodemann, Purchasing Agent
A.A., Community College of Aurora

Tracey Dillion, Accounting Coordinator
B.B.A., University of Denver

Christina Johnson, Accounts Receivable
B.B.A., Columbia College

Nick Lozano, Accounts Payable

Emilija Cusack, Senior Accountant
B.A., B.S., C.P.A., Columbia College

Rhonda Schuman, Grants
A.A., A.G.S., Community College of Aurora

Kimberly Suazo, Payroll Accountant
A.A., A.G.S., Community College of Aurora; B.S., Colorado State University - Global

Zenobia Hammond, General Accountant
M.P.S., University of Denver

Sabrina James, Cashier - Lowry Campus
A.G.S., Community College of Aurora

Pervaiz Kaiser, Cashier
M.S., M.B.A., Colorado Technical University

Diana Saylor, Cashier
A.A., University of Cincinnati

Tina Parham, Administrative Assistant
B.S., Columbia College; M.A., Webster University

Financial Aid

John Young, Director of Financial Aid
M.A., University of Colorado at Denver

Deborah Sherman Hoefler, Assistant Director of Financial Aid
B.S., Franklin University

Mason Parmenter, Financial Aid Counselor
B.A., University of Colorado at Denver

Jennifer Viera, Financial Aid Administrative Assistant II
A.S., Colorado Technical University Online

Gina Campbell, Financial Aid Counselor
B.A., University of Northern Colorado

Dan Severino, Financial Aid Counselor
M.B.A., Keller Graduate School

Carol Hoffbauer, Financial Aid Counselor

Malinda Peasley, Financial Aid Administrative Assistant I
A.S., Community College of Aurora

Facilities

Mike Davis, Assistant Director of Facilities

Tom Morrissey, Electrical Trades II
A.A.S., Community College of Aurora

Chris Hunt, Mail & Receiving Services
B.A., University of Northern Colorado

Jamme Gonzales, Pipe & Mechanical Trades

David (Russ) Montoya, Pipe Mechanical Trades II

Billy Downing, CentreTech Housekeeping Supervisor

Hoanh Nguyen, CentreTech Custodian

Chau Nguyen, CentreTech Custodian

Chanh Nguyen, CentreTech Custodian

Valerie Trujillo, CentreTech Custodian

Coung Diep, CentreTech Custodian

Rudy Herrera, CentreTech Grounds Supervisor

Hildon Jones, Lowry Housekeeping Supervisor

Amanda Duron, Lowry Custodian

Askale Haile, Lowry Custodian

Chazarae Grossman, Lowry Custodian

Kantilal Parmar, Lowry Custodian

Mike Wilson, Lowry Custodian

Jean Clause Nkurunziza, Lowry Custodian

Campus Security and Safety

Jeff Simpson, Director of Security-CentreTech
B.A., Metropolitan State University; M.A.S., University of Denver

Tom Wolf, Security Director – Lowry

Justin Pfluger, CentreTech Security Officer III and Media-CentreTech
A.A., Community College of Aurora; P.O.S.T. Certified

William Banks, CentreTech Security Officer-CentreTech
A.A., Community College of Aurora

Emeritus

Larry D. Carter, President, Community College of Aurora, 1986-2000 (Retired 2000)

Nai-Kwang Chang, President, Community College of Aurora, 1983-1986(Retired 1986)

Nai-Kwang Chang, Director, Aurora Education Center, 1979-1983

Colorado State Board for Community Colleges and Occupation Education

John Trefny, Chair

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Nancy McCallin, President

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Kevin Hougen , Aurora Chamber of Commerce

James C. Lewien, Commerce Bank

Paul Suss, Suss Buick GMC

Father Michael J. Sheeran, Regis University

John Barry, Aurora Public Schools

FACULTY AND STAFF

Regular Faculty

Susan Achziger, English
B.S., Brigham Young University; M.Ed., Utah State University

Victor Andersen, Astronomy
B.S., M.S., New Mexico Institute of Mining and Technology;
Ph.D., University of Alabama

Rachel Ankney, English
B.A., M.F.A., Old Dominion University

Galina Boulgakova, Film Video Media
B.A., M.F.A., Moscow Art Theatre; V.I. Nemirovich-Danchenko
Studio-School of the Moscow Art Theater

JoAnn Burkhart, Computer Information Systems
B.S., M.B.A., M.S., Fort Hays State University

Michael Carter, Criminal Justice
B.S., M.S., Chaminade University of Honolulu

Geoffrey Chadwick, Film Video Media
B.A., Colorado College; M.F.A., University of Southern California
School of Cinema-Television

Kelly Cowan, EMS
Certified Emergency Medical Technician Paramedic, A.A.S.,
Community College of Aurora

Jennifer Dale, Psychology
B.S., Colorado State University; M.A., Regis University

Angele Davenport, English
B.S., Colorado State University; M.A., Regis University

Stacey D'Angelo, Theatre
B.A., Antioch College; M.F.A., Queens University of Charlotte

Thomas Dillon, Biology
B.S., University of Notre Dame; M.S., Loyola University of
Chicago

Brandon Feres, English
B.A., M.A., State University of New York at Stony Brook

Barbara Francis, Biology
B.A., M.A., Ph.D., University of Northern Colorado

Alice Gilbert, Mathematics
A.A., Community College of Aurora; B.A., University of Denver

Alex Girard, Graphic Design
B.A., University of Northern Iowa; M.F.A., Graphic Design,
Rochester Institute of Technology

Vicki Graham, Communication
B.A., Azusa Pacific University; M.A., California State University

James Gray, Mathematics
A.A., Community College of Aurora; B.A., University of Northern
Colorado; M.A., University of Colorado

Maria C. Halloran, College Preparatory ESL
B.A., Colorado Women's College; M.F.A., University of Madrid;
M.A., Webster University

Jennifer Harrell, Biology
B.S., Dickinson College; Ph.D., University of Michigan - Ann
Arbor

Rhonda Hattar, Biology
B.S., Tulane University; M.S., University of Colorado Denver

Will Hicks, Film Video Media
B.S., Kennesaw State University; M.F.A., Hollins University

Elizabeth Hirsh, Anthropology
B.A., University of Georgia; M.A., Rutgers, the State University
of New Jersey

Shari Holder, Mathematics
B.S., University of North Carolina at Wilmington; M.A.,
University of Hawaii at Manoa

Geoffrey Hunt, History
B.A., University of Wyoming; M.A., State University of New York;
Ph.D., University of Colorado

Martha Jackson-Carter, Chemistry
B.A., University of Colorado; Graduate Studies, University of
Connecticut

Sasa Jovic, Mathematics
M.S., Colorado School of Mines

Virginia Karras, Accounting
B.A., Carleton College; M.B.A., University of Denver

Frederic Lahey, Film Video Media
B.A., M.F.A., Columbia University

Beth Lattone, EMS
B.S., Cornell University; Certified Emergency Medical
Technician Paramedic

Ana Martin-Mejia, Spanish
B.A., Universidad Compultense de Madrid; Graduate Studies,
Universidad Antonio de Nebrija; M.A., Virginia Tech

Candace McClelland-Fieler, English
B.A., University of Cincinnati; M.A., Miami University

Heather McMichael, Business
B.S., Radford University; M.B.A., Webster University

Kelly O'Dell, Psychology
A.A., Casper College; B.A., University of Wyoming; M.A.,
University of Colorado at Denver

Gerald Pace, Political Science
B.A., Virginia Commonwealth University; M.A., Virginia Tech;
Ph. D. University of Denver

Audra Pickett, English
B.A., Manchester College; M.Ed., Indiana Wesleyan

Scott Reichel, English
B.S., University of Colorado; M.A., University of Northern
Colorado

David Spiegel, Philosophy
B.A., University of California; M.A., Denver Seminary; Second
M.A., Denver Seminary

Laura Stone, Mathematics
B.A., Metropolitan State University; B.A., Hastings College;
M.Ed., University of Denver

Chris Tombari, College Preparatory ESL
B.A., Texas A&M University; M.A., University of Colorado at
Denver

Natasha Turner, Education and Early Childhood Education
B.A., Fontbonne University; M.S., University of Southern
California

Margaret Ann Uchner, Public Service
B.S., Arizona State University; J.D., University of Wyoming

Scott Wakefield, Art & New Media Design
B.F.A., A.A. Center College of Design; M.F.A., Utah State
University

Thomas Weidner, Computer Information Systems
B.S., University of Utah; M.S., Ohio State University

Robley Elizabeth Shepherd Welliver, English
B.A., University of Puget Sound; M.A., East Carolina University

Robert Woods, Computer Information Systems
B.S., University of Colorado

Adjunct Faculty

David Adams, Mathematics
B.S., M.S.B.A., Colorado State University

Karla Adamson-Lesko, Computer Information Systems
B.S., M.Ed., University of Central Oklahoma

Dan Agresti, Personal Trainer Academy
B.S. University of West Florida; M.S. University of Colorado

Margo Aldrich, Communication
M.S. Montana State University - Billings

Amelia Alighieri, Film Video Media
B.A., M.H., University of Colorado at Denver

Shawn Allison, Business
B.S., Indiana University; M.B.A., Indiana Wesleyan University

Richard Alweis, Film Video Media
B.A., M.S., State University of New York at Albany

Kris Andersen, EMS
Career and Technical Education Certification; Certified Emergency Medical Technician Paramedic

Cary Aplin, Psychology
B.S., Metropolitan State University of Denver; M.A., University of Colorado at Denver

Gregory Appling, Sociology
B.A., Stanford University; M.A., Ph.D., Cornell University

Reza Asrari, Sociology and Political Science
B.A., M.A., Ed.D., University of Northern Colorado

Lysiane Ayite, Dance,
B.A., Metropolitan State College

Thomas Baker, Computer Science
B.S., ITT Technical Institute; M.S., Colorado Technical University

Jasmine Bailon, Philosophy
B.A., Metropolitan State College; M.Ed., Erikson Institute

Thomas Ball, Music
B.M., Berklee College of Music; M.M., University of Colorado Boulder; D.A., University of Northern Colorado

Terri Balogh, Fine Art - Ceramics
B.F.A., Metropolitan State College of Denver

Kathryn Barnes, Literature
B.A., Colorado State College; M.A., University of Northern Colorado

Drew Baske, EMS
Certified Emergency Medical Technician Paramedic; Career and Technical Education Certification

Robert Bayers, College Preparatory ESL
M.A., University of Colorado

Laura Beer, Biology
B.S., M.S., East Carolina University; Ph.D., University of Arizona

Stephen Bell, Astronomy
M.S., University of Louisiana at Lafayette

Renu Belliston, Mathematics
M.A., San Francisco State University

Rebecca Bernstein, Academic Achievement Strategies
B.S., Cornell College; M.N.M., Regis University

Mianne Besser, Paralegal
B.A., University of Phoenix

Sam Bishop, Geography
M.A., University of Arkansas

Nevelyn Black, Film Video Media
A.A.S., Art Institute of Colorado

Jeffrey Blair, English
B.A., M.A., University of Colorado at Boulder

Eileen Blasius, English
B.A., M.A., Ph.D., University of Denver

Nathanial Bork, Philosophy
B.A., University of Northern Colorado; M.A., Colorado State University

Kent Bowers, Humanities and English as a Second Language
B.A., Colgate University; M.A., Brown University

Linda Bradford, Psychology
B.A., Metro State College; M.A., Ph.D., University of Northern Colorado

Gary Brady-Herndon, English
B.A., Metropolitan State College of Denver; M.A., Dominican University of California

Mary Jo Brezzell, Community ESL
B.A., Colorado State University; TESL Teaching Certificate, New World Teachers-San Francisco

Melanie Briscoe, Geology
B.S., M.S., Northern Arizona University

George Brown, Mathematics
B.S., Colorado State University; M.A., University of Northern Colorado; M.S. Syracuse University

Peggy Bruce, Community ESL
B.S., University of Maryland University College; M.A., Colorado Christian University

Cheryl Brumbaugh-Duncan, Web Design
B.S., Miami University

Melissa Buffington, Early Childhood Education
B.A., M.A., Adams State College

Shirley Bunch, Academic Enrichment
B.S., Savannah State College; M.A., University of Phoenix

Aaron Burns, Film Video Media
B.A., University of Michigan – Ann Arbor; M.F.A., Chapman University

Janet Butler, Mathematics
B.S., M.B.S., University of Colorado

Angela Calvin, Mathematics
B.S., Metropolitan State College of Denver, M.S., Grand Canyon University

Gloria Cannady, Communications
A.A.S., Community College of Denver; B.S., Columbia; M.S., Walden University

Erik Cansler, Paralegal
B.A., Colorado State University; J.D., University of Colorado School of Law

Charles Cape, Computer Sciences
B.A., Ohio State University; M.A., Webster University;   Ph.D., Capella University

Deborah Carnevale, Biology
B.D., State University of New York College at Fredonia; M.A., University of Wyoming

Tania Carter, Spanish

Traci Cartwright, Film Video Media
B.A., New York University Tisch School of the Arts; M.F.A.,
University of California Riverside

Christen Cassic, Academic Enrichment
B.A., Stanford University; M.E., University of Colorado - Boulder

Roger Cauthon, Psychology
B.A., Wichita State University; PhD University of Denver

Bonny Chandler, Mathematics
BA., Metropolitan State University of Denver

Lauren Chavez, Film Video Media
B.F.A., University of Colorado

Amanda Irene Christopher, Anthropology
B.A., University of Colorado; M.S.C., University of Edinburgh

Dido Clark, Anthropology
Ph.D., Durham University and University College London, UK.

Sandra Clark, Art Foundations
A.A., Community College of Aurora; B.F.A., M.F.A., Colorado
State University

William Clements, Computer Science
M.A., University of Colorado Denver

Barbara Collins, Early Childhood Education
B.S., Alabama A. and M. University; M.Ed., Lesley University

Michael Comfort, Emergency Management Homeland Security
B.A., University of New York at Buffalo

Francesca Morales Cook, Jewelry Design
B.A., State University of New York at Geneseo; M.A., California
State University

George Costanzo, Business
B.S., University of Dayton; M.S., Wright State University; M.B.A.,
University of Colorado

Lisa Covington, Paralegal
J.D., Texas Southern University

Kelly Cowan, EMS
B.S., Oregon State University; EMP-P

Kaitlyn Culliton, English
M.A., Colorado State University

Christy L. Cummings, Psychology
B.A., Texas A&M University; M.A. Regis University

Emma Cummings, Economics
B.A., M.A., New Mexico State University

John Cunningham, Academic Enrichment
B.D., Bradley University; M.A., Adams State College; M.A.,
University of Oklahoma

Allen Curry, Mathematics
B.S., North Georgia College; M.Ed., West Georgia College;
Ed.D., University of Georgia

Rhonda Curtis, Community ESL
M.A., University of Colorado Denver

Joseph D'Agosta, Criminal Justice
B.S., Metropolitan State College of Denver; M.A., University of
Colorado Denver

Gildas Davies, Computer Information Systems
B.S., Metropolitan State College of Denver

Justin Davis, Film Video Media
B.S., University of Colorado at Denver

Timothy C. Davis, Mathematics
B.A., University of Northern Colorado; M.S., University of
Maryland

Lisandro De La Oliva, GED Preparation
M.A., University of Phoenix; State of Colorado Professional
Teacher License

Christy Derr, Sociology
B.A., M.A., University of Northern Colorado

Susan Desportes, Computer Information Systems
B.S.B.A., University of Southern Mississippi

Laurel Dibble, Film Video Media
B.A., University of Colorado; M.F.A., University of Southern
California

Thomas Dibble, Film Video Media
B.A., M.A., University of London; M.F.A., University of Southern
California

Emily Doak, Dance/Physical Education
Registered Yoga Teacher 200, Yoga Alliance; Certified Profes-
sional Instructor

Melissa Donley, Communication
M.A., University of Northern Colorado

Darrell Dooyema, Philosophy
B.A., Wheaton College; M.A., Denver Seminary

James Drohan, English
M.A., University of Northern Colorado

Steven Droho, Biology
B.S., University of Illinois at Urbana-Champaign
Ph.D., University of Chicago

Timothy Dufour, Criminal Justice
Crime Scene Investigation Certification

Thomas Dury, Humanities
M.A., Graduate Theological Union

Tara Dye, Mathematics
B.S., Northern Arizona University; M.A. Regis University

Jessica Eberhardt, Mathematics
B.S., M.Ed., University of West Georgia

James Evans, Paralegal
B.A., University of Denver; M.B.A., Georgia State; M.G.A.,
Georgia State; JD South Texas College of Law

Dianne (Ruby) Eichenour, College Preparatory ESL & Community
ESL
M.A., School for International Training

John Eichenour, College Preparatory ESL
B.A., Colorado State University

Svetlana Ehrhart, Community ESL
B.A., University of Humanities, St. Petersburg, Russia

Tami Ellison, Biology
B.S., M.S., University of Illinois at Chicago

Taniea Engel, College Preparatory ESL
B.A., of the Incarnate Word; M.Ed. TESOL, Monterey Institute of
International Studies

Sarah Esralew, Communication
MA, The Ohio State University

Stacy Fahrion, Music
M.A., University of Iowa

Christopher Faller, Art
B.A., University of LEEDS; M.A., University of Wolver Hampton

Larry Falsetta, Accounting
B.A., University of Southern Colorado; Career and Technical
Education Certification

Penny FarsterNarlesky, Early Childhood Education
B.A. and M.A., Pacific Oaks College

Yuliya Fedasenka-Cloud, Translation and Interpretation
M.A., Belarus State University

Marlena Field, English
B.A. University of Northern Colorado; M.A., University of Phoenix

Traci Fielden, College Preparatory ESL
A.G.S., Community College of Aurora; Career and Technical Education Certification

Twila Filipiak, Mathematics
B.S., Greensboro College; M.E.D., University of North Carolina at Greensboro

Shannon Finnegan, Philosophy
M.A., M.Ed. University of Oklahoma

James Foglio, History
B.A., Michigan State University; M.A., Rutgers, M.S. State University of NY, Albany

Russell Ford, Criminal Justice and Paralegal
B.S. National American University; M.S. University of Phoenix; M.S. Walden University

Brenda Fox, College Preparatory ESL
M.Ed. TESOL, Grand Canyon University

Nancy Fromhart, English
B.S., Colorado State University; B.A., M.A., University of Colorado

Roberta Fromhart, English as a Second Language
B.S., Colorado State University; M.A., University of Northern Colorado

Denise Froning, Political Science
B.A., Metro State University; M.A., George Washington University

David Gates, Academic Enrichment
B.A., Metro State University

Mandalyn Geddes, English
B.D., Metropolitan State College; M.A., University of Colorado

Sarah Geis, Philosophy
B.S., Colorado State University; M.A., Denver Seminary

Joseph Gill, Theatre
B.A. and M.A., California State University Los Angeles; M.F.A., Naropa University

Paul Gomez, Fine Art - Photography
B.A., Brooks Institute

Meghan Graves, English
M.A., University of Colorado

Anthony (Joel) Greco, Biology
B.A., University of Alabama; Ph.D., Tulane University

Michael Grittner, Theatre
A.A., Century College; B.A. Bemidji State University; M.A., University of Arizona

Kathy Gunsalus, Community ESL
B.A., Edgewood College

Cherng Guo, Chinese
B.A., Applied English, Ming Chuan University; M.B.A., Regis University

Marcia Hall, Math
B.A., Nebraska Wesleyan University; M.A., California State University-San Diego

Nathaniel Hamel, Illustration - Graphic Storytelling
B.A., Nebraska Wesleyan University; M.A., California State University-San Diego

Emilie Hansen, Health and Wellness
B.A., Hope College; M.S., University of Wisconsin-Madison

Jane Harding, Community ESL
B.S., Iowa State University

Susan Harris, Paralegal
A.A., J.D., University of Denver

Brian Hayenga, French
B.A., Iowa State University; M.A., University of Phoenix

Stephen Hayes, English
M.A., Ph.D., University of Nebraska-Lincoln

Tiffany Hays, Chemistry
B.S., M.S., University of Colorado - Denver

Michael Hemschoot, Film video Media
B.F.A., California Institute of the Arts

Martha Hernandes de la Graza, Spanish
B.A., M.A., University of Colorado

Karen Hewett, Management
B.A., M.A., University of Colorado

Rebecca Lee Hoenigman, Chemistry
Ph.D., University of Washington

Jerry Hofmann, Film Video Media
B.A., University of Denver

Danial Holden, Computer Science
B.S., M.S., Regis University

William Honsberger, Philosophy
Ph.D., University of Nebraska at Lincoln

Lee Horst, Community ESL
B.S., Concordia Teachers College; M.A., University of Northern Colorado

Andrew Houston, Film Video Media
B.F.A., University of Colorado at Denver

Biaze Houston, Education
M.A., University of Phoenix

Jeff Barnett Howard, Film Video Media
B.F.A., University of Chicago; M.F.A., Brandeis University

Neal Huffman, Paralegal
B.A., South Dakota State University; M.P.S., University of Denver

Lourdes Huici Clever, Spanish
B.B., Universidad Autónoma Metropolitana; M.S., University of Colorado

William Hunt, Accounting
B.S., Metropolitan State College of Denver

Clifford James Hunter, Criminal Justice
B.S., Upper Iowa University; M.A., University of Phoenix; Career and Technical Education Certification

Richard Italiano, Music
B.M., University of Northern Colorado; M.M., Peabody Conservatory of Music

Josh Jennings, Graphic Design
A.A.S., Art Institute of Colorado

Jason Jensen, Math
B.A., M.A., University of Northern Colorado

Lisa Johansen, Biology
B.S., University of Washington; University of Alabama at Birmingham

Kerry Johnson, Music
B.M., Chapman University; M.A., California State University at Northridge

Karen Johnson, History
B.S., University of Kansas; M.A., University of Colorado

Marc Johnson, Mathematics
B.A., Western State Colorado University, M.A., University of Northern Colorado

Toni Johnson, Accounting
M.B.A., Regis University

Emelda Jones, Geography and Academic Achievement Strategies
B.A., M.A., University of Denver

Justin Jones, Film Video Media
B.F.A., University of Colorado at Denver

Stephanie Juell, Philosophy
B.A., Boston College; M.A., Fordham University

Danelle Kamstra, Early Childhood Education
B.A., California State University – Long Beach

Abigail Kaplan, Chinese
B.A., Amherst College; M.A., University of California, Berkeley; SAIS Hopkins-Nanjing Center

Kelley Kiernan, Health Wellness Education
M.S., Colorado State University

Holly Klamer, Health Wellness Education
B.S., Central Michigan University; M.S., Colorado State University

Pete Kleinsasser, History
B.A., Tabor College, M.Ed., Wichita State University

LaVelle Knight, Mathematics
B.S., Colorado State University; M.S., University of Denver

Lisa Kobriger-Steffey, Chemistry
B.S., Creighton University; M.S., Purdue University

Jacob Kopylov, Criminal Justice
M.C.J., University of Colorado

Colleen Ladny, Graphic Design
B.F.A., Rochester Institute of Technology; M.S., Interdisciplinary Studies, Rochester Institute of Technology

Michael Lee, History
B.A., M.A., University of Colorado

Rachael Lehman, Sociology
M.A., Central Missouri State University

George Lesko, Business and Computer Science
B.A., Park College; M.A., Webster University

Michael Levell, English
M.F.A., Naropa University

Guy Lord, English
M.A., University of Connecticut

Marvetta Jean Lowry, Computer Science
B.A., Colorado State University

Ingerid Lubowicki, English
B.S., University of Kansas; M.A., Middlebury College

Charaine Lucas, Early Childhood Education
B.S., Andrews University; M.S., Barry University

David Lukens, Art Foundations
B.F.A., University of Colorado; M.F.A., Pennsylvania Academy of the Fine Arts

Paul Malkoski, History
B.A., M.A., University of Colorado

Evan Mann, Art Foundations
B.A., Colorado State University; M.F.A., Rhode Island School of Design

Len Marino, Film Video Media
B. A., Tulane University

Harold J. Mardones, Mathematics
B.S., M.S., University of Colorado

Len Marino, Film Video Media
B.A., Tulane University

Carol Martin, Business
B.A., M.S., University of Colorado at Boulder

Erica Mathew, Philosophy
M.A., The Denver Seminary

Kenneth Maxey, Economics
B.S., California State University; M.A., George Mason University

Eileen McCarron, Mathematics
B.S., Eckerd College, M.S., Virginia Tech

Barbara McCoy, Communication
M.S., Colorado State University

Ben McDermott, History and Humanities
M.A., University of Northern Colorado

Laurieanne McKinney-Armstrong, Early Childhood Education
B.A., Metropolitan State College of Denver; M.A., Regis University

Stephen McKissen, Film Video Media
B.F.A., University of Colorado at Denver

Heather McMichael, Business
B.S., Radford University; M.B.A., Webster University

Preston Meeks, Mathematics
B.A., Adams State University, M.S., University of North Dakota

Linda Meehan, English as a Second Language
B.A., M.Ed., University of Texas; Ed.D., Pepperdine University

Kristine Menicucci-Gauss, Mathematics
M.A., California State University

Ronald Mickle, Astronomy
M.S., Swinburne University of Technology, Australia

Kasi Mireles, Psychology
B.A., M.A., University of Colorado at Denver

Richard Mitchell, Business
B.A., Michigan State University; J.D., University of Denver

Roberta Moland, Early Childhood Education
B.S.W., Metropolitan State College; M.Ed., University of Phoenix

Alicia Montano, ASL

Laura Morales, Mathematics
B.A., University of Colorado at Boulder; M.A., University of Northern Colorado

Francesca Morales-Cook, Fine Art - Jewelry Design
B.A., State University of New York at Geneseo; M.A., California State University

Frank Moschetti, Paralegal
B.S., Metropolitan State College; J.D., Cornell University; Career and Technical Education Certification

Tanya Mote, Political Science
B.A., M.A., University of Denver

Wendy Muench, Computer Science
B.A., University of Phoenix

Laurie Greer Munro, Biology
B.S., M.A., University of Colorado

Glen Murphy, Computer Information Systems
Certified A+, CompTIA; Career and Technical Education Certification

John Murzyn, Biology
B.S., Texas Christian University; D.C., National College of Chiropractic

Laura Nash, English
M.A., University of Colorado at Boulder

Greg Nemer, Film Video Media
B.A., Naropa University

Martha Neth, Art Foundations
B.A., University of Colorado

Narayan Neupane, Mathematics
B.Sc., Tribhuvan University; B.Ed., Tribhuvan University; M.Ed., Kathmandu University

Paul "Andy" Newell, Business
B.A., Colorado College; M.B.A., M.P.Acc., University of Washington

Peter Newlove, English
M.A., California State Polytechnic University

Dani Newsum, History
M.B.A., University of Colorado, Boulder; M.A., University of Colorado at Denver; J.D., University of Denver Sturm College of Law

Christian Nordquist, English
M.A., New Mexico State University

Robert Noyes, Mathematics
B.A., B.S., University of Denver, M.A., University of Phoenix

Katie O'Donnell, Art Foundations
B.A., Kendall College of Art & Design; M.F.A., Virginia Commonwealth University

Jay Ochreiter, Biology
B.S., University of Scranton; M.S., Illinois College of Podiatric Medicine; Ph.D., Marywood College

Carolyn O'Hara, Paralegal
J.D., University of Nebraska

Natalia Olejarnik-Franz, Early Childhood Education
B.A.C., Metropolitan State University of Denver; M.A. University of Colorado at Denver

Dirk Olson, Film Video Media
B.S., University of Nebraska at Omaha

Mark A. Ortiz, History
B.A., M.A. University of Colorado at Denver

Jeff Paganini, Mathematics
B.S., South Dakota School of Mines and Technology; M.A., Webster University

William Painter, Art
B.A., University of Northern Colorado

Ronnie Peacock, History
A.A., A.G.S., Community College of Aurora; B.A., University of Denver; M.A., University of Northern Colorado; M.S., Colorado State University - Global

Mary Pellettier, English as a Second Language
B.A., University of Connecticut; M.B.A., University of Colorado Denver

Eduardo Peralta, Computer Science

Daniel Peterman, English
B.A., California State University Dominguez Hills, MA, California State University Long Beach

Jay Peteranetz, Illustration
B.F.A., M.F.A., Savannah College of Art & Design

Michael Pfaff, Mathematics
B.S., University of Colorado

Anthony Pfau, Film Video Media
Career and Technical Education Certification

Craig Piel, Criminal Justice
B.A.C., University of Nebraska; M.C.J., University of Colorado

Lannie Pihajilic, Biology
B.S., Metropolitan State College of Denver; M.S., University of Colorado - Denver

Robbie Pike, Personal Trainer Academy
NSCA Certified Personal Trianer; Certificate Human Performance Physical Fitness, Community College of Aurora

Shanda Plock, Art Foundations
B.A., Scripps College; M.A., University of Denver

Bruce Stephen Powell, Economics
B.S.E., Kansas State Teachers College; M.B.A., University of Detroit

Michael Preskorn, Mathematics
B.A., Adams State College; M.A., University of Northern Colorado

Al Priddy, Computer Sciences
B.S., University of Maryland; M.A., Webster University; Career and Technical Education Certification

Alexandre Probst, Mathematics
B.E., Marianopolis College; M.S., McGill University; Ph.D., Colorado School of Mines

Jan Ramsay, Mathematics
B.A., M.A., Adams State College

Kristi Ramsey, Music

Stephen Ray, Physics
B.S., Nebraska Wesleyan University; Ph.D., University of Denver

Stephen Redfearn, Criminal Justice
B.S., Metro State University of Denver; M.S., Colorado State University

Lynn Redmond Gold, GED
B.A., Colorado State University

Melanie Reece, Health Wellness
M.S., Ph.D., Colorado State University

Bethany Reid, Biology
B.S., University of North Carolina; Ph.D., University of Colorado - Denver

Alex Reinhardt, Paralegal
B.A., University of Colorado; J.D., New England School of Law

Linda Renquist, Education
B.A., Colorado State University

Kristine Reyes, Communication
B.A., University of Colorado Boulder; M.A., University of Northern Colorado

Ryan Rogers, Psychology
B.A., University of Tennessee Chattanooga; M.Ed. University of Tennessee Chatanooga

James Brian Rohleder, Fire Academy
B.S., Oklahoma State University; Fire Instructor I; Emergency Medical Technician (EMT)

Ryan Ronnebaum, Biology
B.S., Kansas State University; D.C., Palmer College of Chiropractic

Lena Ross, Mathematics
B.A., University of Colorado

Ronald Ross, Management
B.A., Regis University; M.P.A., University of Colorado

Douglas Rossi, Paralegal
Ph.D., University of Denver

Douglas Rother, Business
M.B.A., University of Memphis

Denis Roussel, Fine Art - Photography
M.A., M.F.A., University of Iowa

Ron Ruelle, Illustration - Graphic Storytelling
B.A., University of Tennessee

Daniel Sage, Philosophy and Psychology
B.A., Graceland University; M.A., Iliff School of Theology

Elena Sandoval-Lucero, Psychology
B.A., University of Northern Colorado, M.A., University of Colorado Denver, Ph.D., University of Colorado Denver

Melinda Sands, English
M.A., National University - La Jolla, CA

Shoshanna Shachtman, Psychology
B.A., Ohio State University; M.A., Argosy University

Theresa Schiavone-Gurule, English
B.A., Long Island University – C.W. Post Campus

Elizabeth Schroeder, College Preparatory ESL
B.A., University of Colorado; M.N.M., Regis University

Jill Schroeder Dom, Music
B.A., Colorado Christian University; M.M., University of Denver; D.A., University of NOrthern Colorado

Stephen Schwedt, Film Video Media
B.A., Metropolitan State College of Denver

Daniel Schweissing, College Preparatory ESL
B.A., Fort Lewis College; M.A., InterAmerican University of Puerto Rico at San German; M.A., Denver Seminary

Gary Scott, Anthropology
B.A., University of North Dakota; M.A., University of Tennessee

Jennifer Scott, Music
B.M., University of Idaho; M.M., University of Colorado at Boulder

Timothy Scott, Film Video Media

Steven Selby, Economics
B.A., Colorado State University; M.A., University of Colorado

Larry Sessions, Astronomy
B.S., University of Arkansas at Little Rock

William Shelton, Mathematics
B.S., University of Washington at Seattle; M.S., Colorado Technical University

Jon Sherrill, Mathematics
B.S., M.S., Regis University

Heather Shulman, Math
J.D., University of Denver

Teofilio Sison, Computer Science
B.S., M.B.A., Northwestern University

Mathew Skene, Philosophy
B.A., University of Colorado Boulder; Ph.D., Syracuse University

Kathryn Skowronski, Math
B.S., M.S., Florida State University

Laura Smallwood, College Preparatory ESL
M.A., University of Braunschweig

Erin Smith, Academic Enrichment
B.A., Adams State College, MA, Grand Canyon University

Mark Smith, Humanities
A.A.S., B.S., Rochester Institute of Technology; M.H., University of Colorado at Denver

Shirley Smith, Early Childhood Education
B.A., Metro State College; M.A., Walden University

Rebecca Snow, English
B.A., Whitman College; M.A., University of Montana
Richard Solomon, EMS Certified Emergency Medical Technician Paramedic

Marcie Sosebee, Computer Information Systems
B.A., University of Colorado; M.Ed., Lesley College

Mary Soya, Mathematics
M.A., Montclair State University

Shane Spivey, Physics
B.S., M.S., Ph.D., University of Texas at Arlington

Chelsea Spotts, Psychology
B.A., Colorado State University; M.S. Walden University

Elizabeth Sprafka, Mathematics
B.S., Colorado State University; M.A., University of Northern Colorado

David Staley, Spanish
B.A., Brigham Young University; M.A., Portland State University

Anne Stanwick, Communication
M.A., Regis University

Larry Steele, History
B.A., Metropolitan State University of Denver; M.A., Colorado State University

Virginia Steele, History
B.A., Regis University; M.A., Colorado State University

Lacey Stein, Communication
M.A., University of Colorado at Denver

Mark Stephenson, Fire Academy
M.P.A., University of Colorado, Emergency Medical Technician Paramedic

Eric Stewart, Criminal Justice
M.A., Bellevue University

Brad Stratton, Mathematicst
B.A., University of Northern Colorado; M.E., Lesley University

Mary Stratton, Mathematics
B.S., The Pennsylvania State University; M.A., University of Northern Colorado

Julie Stremel, Mathematics
B.S., M.S., University of Maryland; M.A., University of Colorado

James Sundeen, English
M.A., Ph.D., University of Nebraska

Karin Theisen, English
M.A., University of Colorado at Denver

Arthur O. Thomas, Film Video Media
B.S., & M.B.A., Notre Dame de Namur University

Michael Thrapp, Criminal Justice and Police Academy
A.A.S., Community College of Aurora

Angela Tiedeman, Academic Achievement Strategies
B.S.W., Colorado State University at Pueblo

Tony Tilger, Criminal Justice and Paralegal
B.S., J.D., University of Colorado

George Todd, Business
B.S., Brigham Young University; M.B.A., University of Oregon

Sterling Townsend, Mathematics
A.A., Casper College; B.A., University of Wyoming

William Turney, Philosophy
B.A., University of Arkansas - Little Rock; M.A., Northern Illinois University

Frank Vianzon, Computer Information Systems
CompTIA A+, GPEN - GIAC, and GCWN - GIAC Certifications

Cheryl Waite, U.S. and Women's History
B.A., M.A., University of Colorado at Denver

Anita Walker, Early Childhood Education
B.S., University of Oklahoma; M.A., University of Colorado

Stephanie Walsh, Political Science
M.A., University of Colorado

Jo Anne Ward, Academic Enrichment
    M.A., University of Texas at Arlington

Megan Webb, History
    B.A., Seattle Pacific University, M.A., University of Colorado

Theresa Weber, Early Childhood Education
    B.S., University of Idaho; M.A., University of Colorado at Denver

Beth Wedlake, Photography
    A.A.S., Lansing Community College

Paul Wedlake, Photography
    A.A.S., Lansing Community College

James Weedin, Biology and Geology
    A.S., San Antonio College; B.A., University of Texas at Austin;
    M.S., Sul Ross State University

Donna Marie Westmoreland, Psychology
    M.A., Regis University

Matthew Wichern, History
    B.A., M.A., Colorado State University

Kristofer Whited, English
    M.F.A., California State University

Timothy Wilkerson, Paralegal
    J.D., University of Southern California

Anne Williams, Mathematics
    B.A., Michigan State University

Ian Wilson, History
    B.A., Colgate University; M.A., University of Colorado at Denver

Jennifer Wolfe, Physical Education
    B.A., University of Missouri Columbia; Group Fitness & Exer-
    cise Certification, Aerobics and Fitness Association of America;

Stanford Yan, Illustration - Graphic Storytelling
    B.A., University of Colorado, Boulder

Betty Yonce, Mathematics
    B.S., Iowa State University

Kate Yonce, Mathematics
    M.A., University of Phoenix

Amy Zsohar, Communication
    M.S., University of North Texas; B.A., Stephen F. Austin State
    University

**Adjunct Faculty - The Aurora Language Center - English as a
    Second Language**

Robert Bayers, College Preparatory ESL
    M.A., University of Colorado Denver

Jayni Breaux, College Preparatory ESL
    B.A., University of Colorado; M.A., University of Colorado

Mary Jo Brezzell, College Preparatory ESL
    B.A., Colorado State University; TESL Teaching Certificate, New
    World Teachers-San Francisco

Peggy Bruce, Community ESL
    B.S., University of Maryland; MACI, Colorado Christian
    University

Ronda Curtis, Community ESL
    M.A., University of Colorado Denver

Svetlana Ehrhart, Advising, Community ESL
    B.A., University of Humanities, St. Petersburg, Russia

John Eichenour, College Preparatory ESL
    B.A., Colorado State University

Marina Fedrid, College Preparatory ESL
    B.A., Metropolitan State College; M.A., University of Colorado at
    Boulder

Kathy Gunsalus, ESL
    B.A., Edgewood College

Jane Harding, Community ESL
    B.S., Iowa State University

Lee Horst, Community ESL
    B.S., Concordia Teachers College; M.A., University of Northern
    Colorado

Yelena Karabushin, College Preparatory ESL
    M.A., University of Colorado at Denver

Kaaz Kuriyagawa, Community ESL
    B.A., University of Northern Colorado; M.A., Waseda University

Kay Levinson, Community ESL
    B.A., Purdue University; M.A., University of Colorado

Irene O'Brien, Community ESL
    B.A., Wayne State University

Glen Olmstead, Community ESL
    B.S., Colorado State University; M.A., Colorado State University

Susan Paff, Community ESL
    B.A., University of California, Los Angeles

Newt Ungka-Uthaiworn, ESL
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