

Course Catalog



2014-
2016



www.trinidadstate.edu
1-800-621-TSJC



1925

T **TRINIDAD STATE** **COLORADO**

2014 - CATALOG - 2016



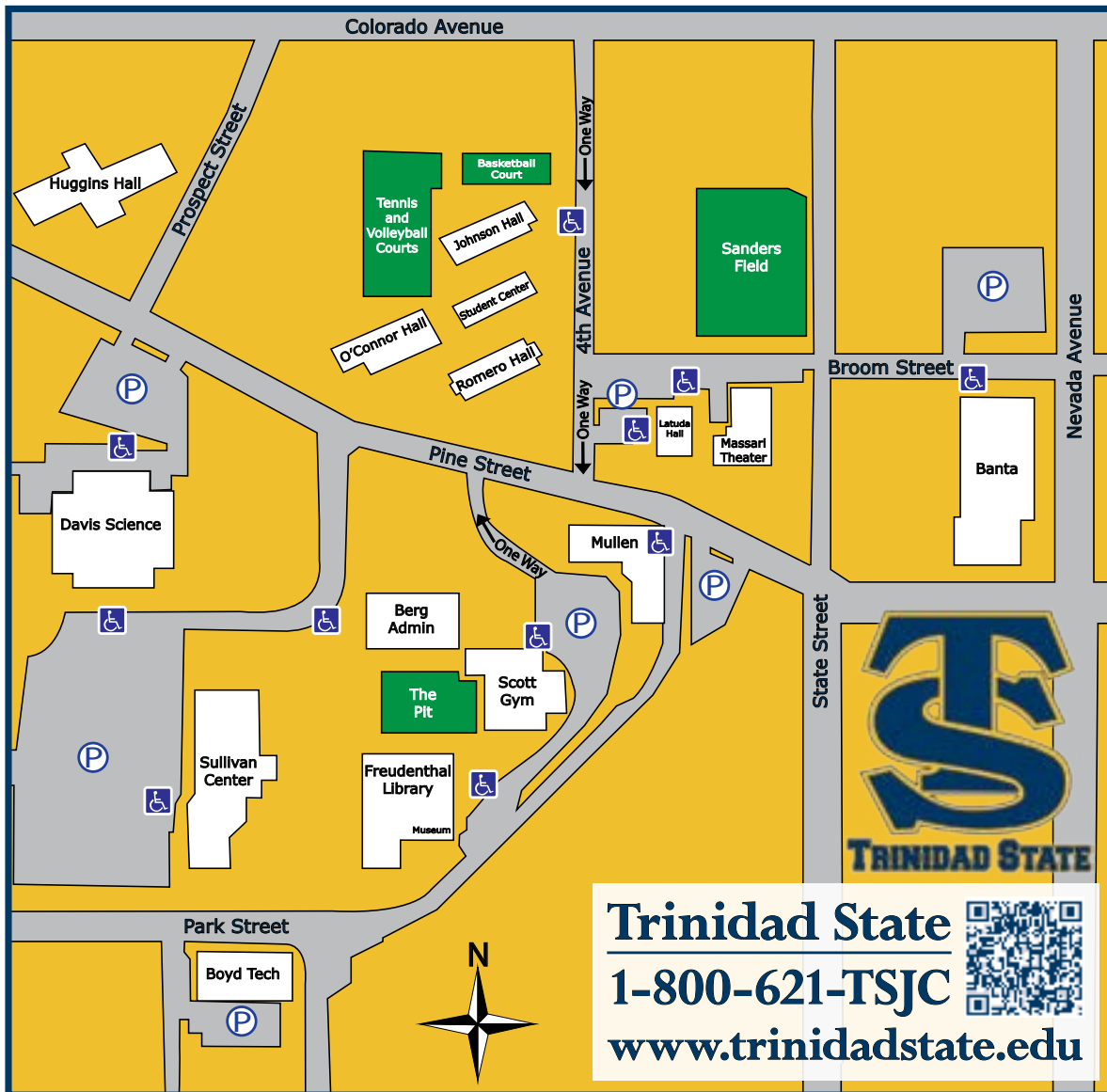
PROUDLY SERVING

**ALAMOSA, LAS ANIMAS, HUERFANO, COSTILLA,
SAGUACHE, MINERAL, RIO GRANDE, CONEJOS, COLFAX,
UNION, RIO ARRIBA AND TAOS COUNTIES**

Nothing in this Catalog is intended to create (nor shall be construed as creating) an expressed or implied contract. Trinidad State Junior College reserves the right to modify, change, delete, or add to, as it deems appropriate, the policies, procedures, and other general information in this Catalog. For the most current information please go to <http://www.Trinidadstate.edu/academics/catalog>



Trinidad Campus Map



Banta - Auto Mechanics, Maintenance Headquarters, Massage Therapy, Welding

Berg Admin - Academic Affairs Office, Admissions, Business Office, Classrooms, Financial Aid, Human Resources, Registrar, President's Office

Boyd Tech - Classrooms, Multimedia Facility, Marketing

Davis Science - Classrooms, IT Department, Nursing

Freudenthal Library - Academic Advising, Job Placement, Archaeology Museum, Classrooms, Learning Center, Library, Student Success Center, Writing Center

Johnson Hall - Residence Hall

Latuda Hall - Adult Education Services, GED Testing

Huggins Hall - Residence Hall

Massari Theater - Performance Arts Classrooms, Theater

Mullen - Cosmetology, Gunsmithing

O'Connor Hall - Residence Hall

Romero Hall - Residence Hall

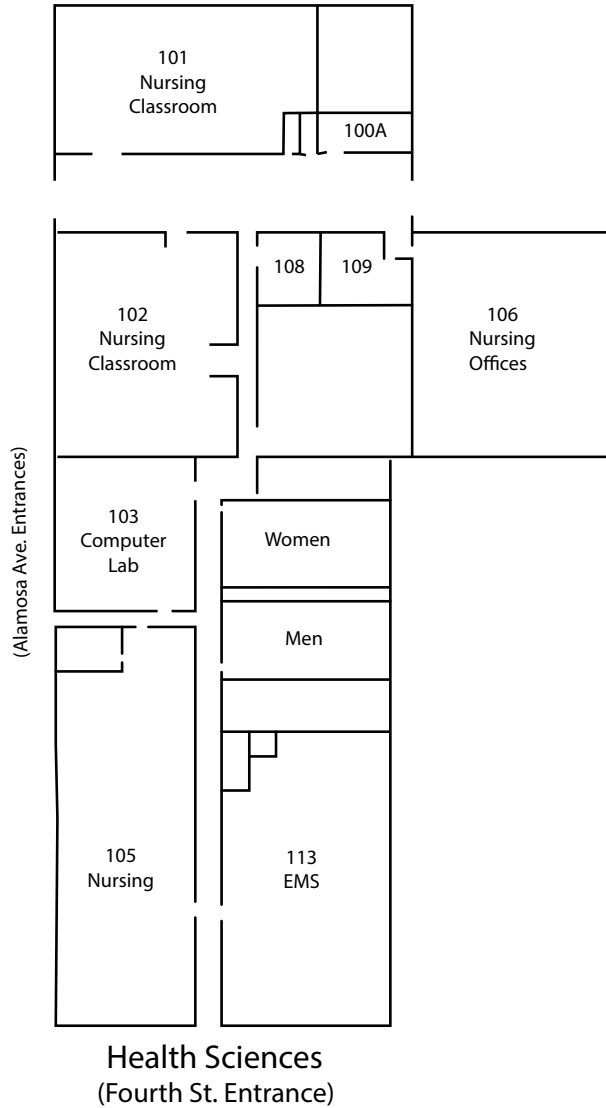
Sanders Field - Soccer Field

Scott Gym - Cardio Room, Coaches Offices, Gymnasium, Physical Education Classrooms, Weight Room

Student Center - Game Room, TV Lounge, Computer Lab, Kitchen, Student Activities

Sullivan Center - Aerobics Classroom, Bookstore, Cafeteria, Leone Lounge, Pioneer Room

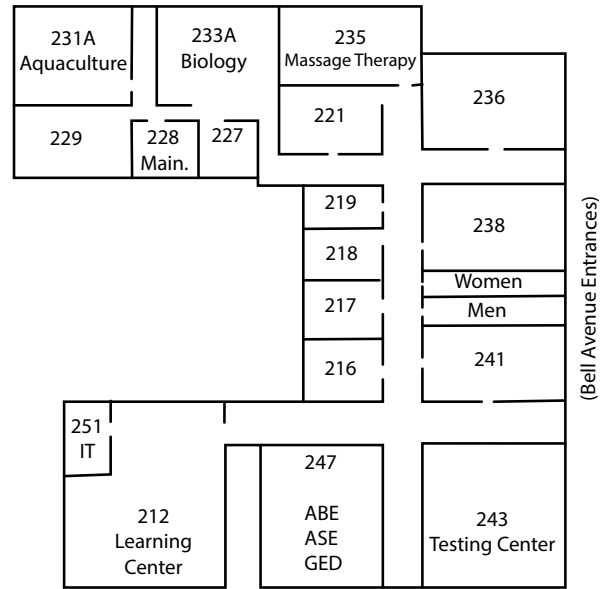
Valley Campus Map



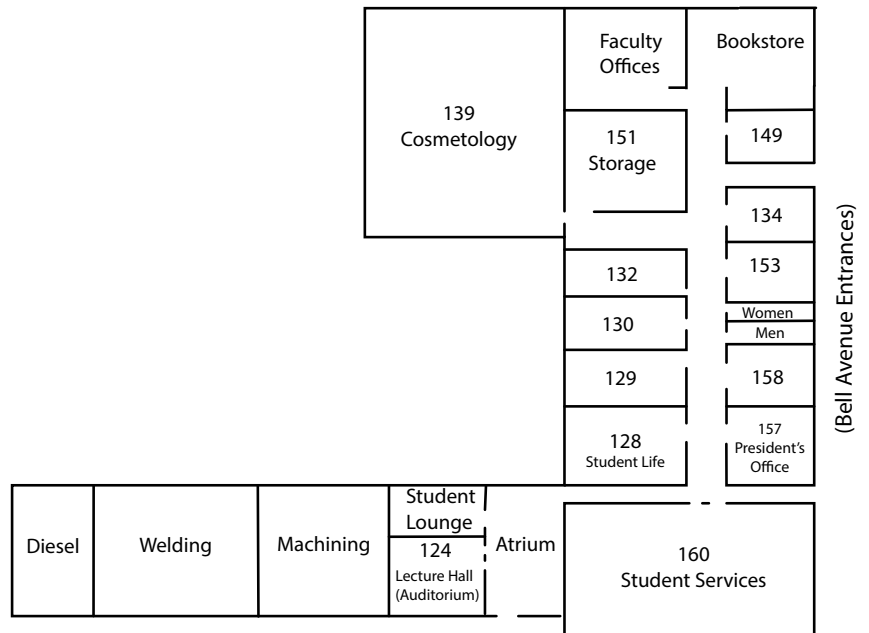
- RM OFFICE
- 128 Student Life & Recruiter
- 132 Conference Room
- 134 Associate Dean of Instruction
- 139 Cosmetology
- 149 Book Store
- 157 President's Office
- 160 Associate Dean of Student Services
- 212 Learning Center
- 243 Accuplacer/GED/Certified Testing
- 247 ABE / ASE / GED

Rooms 102, 124, 132, 229 & 236
have video conferencing equipment

Second Floor (Upper Level)



First Floor (Lower Level)



(Main Street Entrances)





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DISCOVER
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TRINIDAD STATE
JUNIOR COLLEGE

ABOUT THIS CATALOG . . .

The 2014 - 2016 Trinidad State Junior College Catalog contains a summary of campus facilities, services, programs, degree requirements, curricula, course descriptions, and listing of faculty and staff. Students should refer to this edition of the catalog for current program information, course descriptions and college policies. Students are subject to the degree, area of emphasis, or certification requirements in effect at the time they formally enroll in a program. For additional information, students should contact their advisor, faculty member, or Student Services Offices.

All statements made in this catalog and similar publications distributed generally to prospective or admitted students shall be for informational purposes only and should not be interpreted as being contractual for any purpose.

Attention: Changes can and are made to this catalog!

CHANGES

In an effort to offer our students the best educational choices possible our programs are reviewed from time to time. Programs can be added, dropped and/or changed as needed. Please check: www.Trinidadstate.edu for the current information.

Trinidad State Junior College reserves the right at any time, without notice, to change, modify, or cancel any course, procedure, policy, financial requirements, or disciplinary arrangements set forth in this catalog whenever, in its sole discretion, it determines such action to be appropriate.

COURSE NUMBERS AND DESCRIPTIONS ARE SUBJECT TO CHANGE

The Community Colleges of Colorado uses a common course numbering and common competency project to improve student transfer and to ensure curriculum quality across our system. For more information, contact the Registrar.

RIGHTS OF PERSONS WITH DISABILITIES

No "otherwise qualified individual" with a disability shall by reason of disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of Trinidad State Junior College, or be subjected to discrimination by the College.

Trinidad State Junior College is an Equal Opportunity Institution, which is committed to the educational pursuits of all, including

members of "special populations." The Special Populations/ Disability Services Office (SPDSO) is committed to facilitating access to educational opportunities in order for students receiving services to reach their highest possible potential. TSJC will provide accommodations for qualified students with disabilities. To request an accommodation or for more information regarding the SPDSO please visit our web page at: <http://www.Trinidadstate.edu/students/student-support/disability-services> or contact the Special Populations/Disability Services Coordinator on your respective campus: Trinidad Campus Coordinator is located in the Library or at (719) 846-5456. The Valley Campus Coordinator is located on the Alamosa Main Campus, Room LRC 203 or at (719) 589-7067.

NOTICE OF NON-DISCRIMINATION

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

The College has designated Lorrie Velasquez as its Affirmative Action Officer/Equal Opportunity Coordinator/Title IX Coordinator with the responsibility to coordinate its civil rights compliance activities and grievance procedures. For information, contact Lorrie Velasquez, Director of Human Resources, Trinidad Campus, 600 Prospect Street, Trinidad, CO, 81082 or Rachael Doyle, Director of Human Resources, Alamosa Campus, 1011 Main Street, Alamosa, CO, 81011, 719-589-7022.

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

CAREER SERVICES OFFICE

The TSJC Career Services Office is committed to serving the diverse career development needs of our students by providing career skills development and education in order to be successful in an ever-changing job market. For more information on career services, please visit our web page at: <http://www.Trinidadstate.edu/students/student-support/career-services> or contact the Career and Special Services Coordinator on your respective campus: Trinidad Campus Coordinator is located in the Library 308 or by phone at (719) 846-5456. The Valley Campus Coordinator is located on the Alamosa Main Campus, Room LRC 203 or by phone (719) 589-7067.



Need More Information...

Trinidad Campus Offices

600 Prospect Street

Trinidad, CO 81082

(719) 846-5011/(800) 621-TSJC (8752)/FAX (719) 846-5620

Service	Location	Extension
Accuplacer Testing	Library	5473
Admissions	Berg 201	5621
Advising	Library	5557
Adult Basic Ed. (GED)	Latuda Hall	5640
Adult Education Services	Latuda Hall	5682
Affirmative Action	Berg 101	5534
Alumni/Development	Berg 108	5649
Arts and Sciences	Berg 210	5474
Athletics	Scott Gym	5519
Bookstore	Sullivan Student Center	5610
Business Office	Berg 209	5546
Career Services/Disability Services		5567
Career & Technical Education	Berg 210	5440
Dean of Arts & Sciences	Berg 210	5589
Dean of Career & Technical Education	Berg 210	5669
Executive Director of Administrative Services	Berg 109	5691
Financial Aid	Berg 209	5553
Food Services	Sullivan Student Center	5629
Housing	SC	5517
Learning Center	Library	5664
Library	Library	5593
Maintenance	Banta Building	5618
Math Lab	Library 308	5515
Museum	Library (lower level)	5508
Nursing	Davis 128E	5535
President	Berg 218	5541
Recruiter	Berg 201	5622
Residence Hall	O'Connor Hall	5497
Residence Hall	Huggins Hall	5458
Security/Physical Plant	Banta Building	5618
Student Activities/Student Government	SC	5517
Student Life	SC	5517
Student Services	Berg 201	5621
Student Success Center	Library	5473
TRiO Educational Opportunity Center	Berg 209	5689
TRiO Student Support Services	Library 318	5645
TRiO Upward Bound Math Science	Davis 114	5554
Transcripts	Berg 201	5621
Tutoring	Library 311	5664
Veteran's Certifying Official	Berg 209	5555
Vice President of Student Affairs	Berg 201	5643
Writing Center	Library	5467

Valley Campus Offices
1011 Main Street
Alamosa, CO 81101
(719) 589-7000/(800) 411-8382/FAX (719) 589-7005

Service	Room	Extension
Accuplacer Testing	243	7003
Admissions	160	7026
Adult Basic Ed. (GED)		7131
Advising	212	7025
Affirmative Action	158	7022
Associate Dean of Arts & Science	134	7131
Associate Deane of Career & Technical Education		7064
Bookstore	136	7029
Business Office	168	7027
Career Service/Disabilities Services	203	7067
Dean of Arts & Science	157	5589
Deane of Career & Technical Education	157	5559
Dean of Students	167	7050
Executive Director of Administrative Services	157	7020
Financial Aid	160	7024
GED Program		7131
Identification Cards	134	7085
Learning Center	212	7135
Maintenance	228	7039
Nursing	106	7077
President	157	5541
Recruiter	128	7083
Student Life	128	7086
Student Success Center	212	7003
Transcripts	160	7026
TRiO – Activities/Transfer Coordinator	209	7063
TRiO – Retention Specialist	209	7001
Tutoring	209	7063
Veterans' Certifying Official	160	7024
Vice President of Student Affairs	158	7020

STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION (SBCCOE)

RICH MARTINEZ JR.

Chair

6TH DISTRICT, (UNAFFILIATED)

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Vice Chair

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MAURY DOBBIE

2ND DISTRICT, (R)

JIM JOHNSON

5TH DISTRICT, (R)

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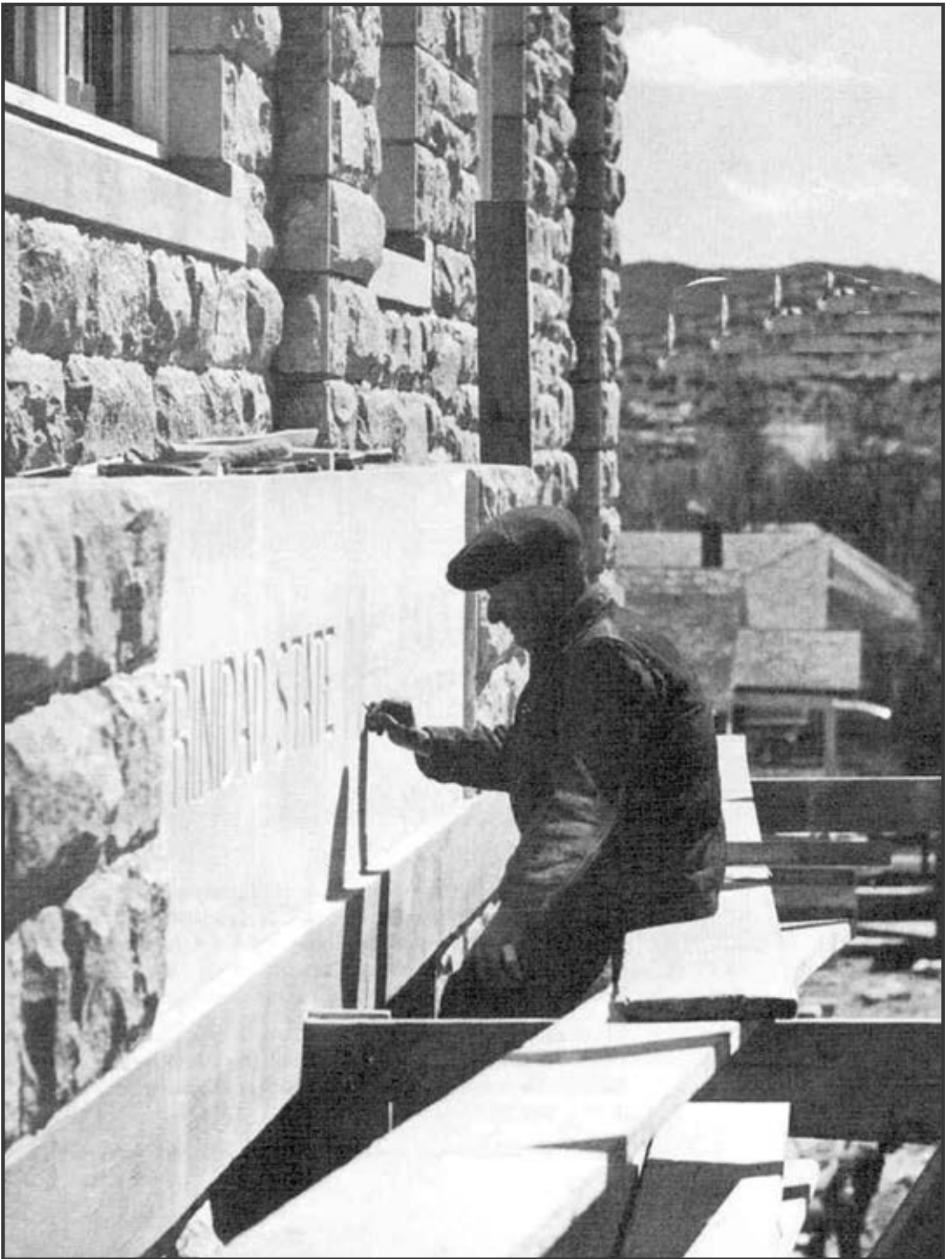
TARYN FLACK

Non-Voting Board Member
SSAC REPRESENTATIVE

ROBERT HENDERSON

Non-Voting Board Member
SFAC REPRESENTATIVE





History and Mission...

HISTORY

Trinidad State Junior College (TSJC), the first two-year college in Colorado, offers both Academic and Career and Technical Education programs. The legislature of the State of Colorado passed an Act in April 1925 authorizing the establishment of a junior college in Trinidad, Colorado. In 1937, the State Legislature passed an act enabling counties to organize a Junior College District. Las Animas County immediately took advantage of this act and organized the Las Animas County District. Since that time, the College has continued to grow and develop in its ability to meet the educational needs of southern Colorado and northern New Mexico.

On July 1, 1968, TSJC became a member of the Community Colleges of Colorado System (CCCS). The College is governed by the State Board for Community Colleges and Occupational Education (SBCCOE). In 1994, to expand the College's service area, TSJC merged with the San Luis Valley Educational Center, in Alamosa, Colorado, forming the TSJC Valley Campus. TSJC has an Advisory Council, composed of seven members, who are appointed to provide advice to the college administration. Members of the Advisory Council represent Las Animas County, Huerfano County and the San Luis Valley.

The Higher Learning Commission of the North Central Association of Colleges and Schools has continuously accredited Trinidad State Junior College since 1962. TSJC grants Associate of Arts degrees, Associate of Science degrees, Associate of General Studies degrees, Associate of Applied Science degrees, and Certificates of Completion.

Trinidad State Junior College is committed to providing its students with rigorous, integrated, comprehensive academic and occupational-technical curricula, for quality academic transfer, occupational degree, and certificate programs. The institution has implemented unique pre-collegiate and specialized educational programs designed to introduce students to an approach to learning that will enhance any student's potential for success.

Reaching out to remote areas, the College offers several methods of alternative delivery including interactive video delivery, on-line, hybrid and on-site courses providing the opportunity for area high school students and persons in outlying communities to enroll in college-level courses. Additionally, the College has modern computer labs and state-of-the-art classroom technology to enhance the learning environment. The goal at TSJC is to empower students with the ability to compete in work environments and excel in highly mobile societies. The College will continue to explore, examine, develop and implement innovative methods to provide a comprehensive quality education.

The year 2014 marks the eighty-ninth anniversary of educational excellence for TSJC. Our faculty and staff provide the personalized attention with a student to faculty ratio of 15 to 1. The College has grown from its enrollment of thirty-seven students in 1926 to its present head-count of about two thousand students annually between Trinidad Campus, Valley Campus and four additional locations.

Trinidad Campus

The original campus of Trinidad State Junior College, located in the west central part of the city of Trinidad, abounds in a panorama of mountain beauty with the majestic Sangre de Cristo Mountain Range to the west, New Mexico mesas and a well-known landmark, Fisher's Peak, to the south.

The City of Trinidad, population 8,817, is nestled in a valley surrounded by pinon-studded hills and is known for its moderate, dry climate and clean air. It is located one hundred ninety seven miles south of Denver and about fifteen miles north of the New Mexico border on Interstate Highway 25. Having a population of nearly ten thousand, Trinidad is recognized for the convenience and friendliness of a small town. Recreation parks for camping and fishing are nearby. Trinidad has a nine-hole golf course that is considered to be one of the best in the state.

The Trinidad campus prides itself in being large enough to offer a wide selection of programs in the academic transfer and career and technical education areas, yet small enough to offer personal attention and individualized instruction for its students. The faculty and staff share a genuine interest in the success of their students.

VALLEY CAMPUS

The Valley Campus is located in Alamosa, Colorado, in the center of the San Luis Valley, which has an average elevation of 7500 ft. above sea level. Circled by mountains, the valley encompasses an area 122 miles long and 74 miles wide, and is the highest alpine desert in America; eleven "fourteener" peaks surround the valley. The sun sets over the beautiful San Juan mountain range in the west. To the east, at the base of the spectacular Sangre de Cristo Mountains, lie the largest natural sand dunes in America: the Great Sand Dunes National Monument. The TSJC Valley Campus serves the six counties which comprise the San Luis Valley: Alamosa, Conejos, Costilla, Mineral, Rio Grande, and Saguache. With a population of approximately 8,600, Alamosa is the hub of the valley and is located only 40 miles from the New Mexico border.

Additional notable attractions in the area include: the Rio Grande Scenic Railroad; Cumbres and Toltec Scenic Railroad; 186 million acre Rio Grande National Forest; Alamosa and Monte Vista National Wildlife Refuges; San Luis Lakes State Park; 100,000 acre Medano-Zapata Ranch preserve; Rio Grande River (third longest river in the U.S.); Penitente Canyon, noted for rock climbing, three natural hot springs, an alligator farm, and a UFO tower. Outdoor activities include hunting, camping hiking, boating, water

HISTORY AND MISSION

and snow skiing, snowboarding, fishing, golfing (three locations), birding, 4-wheeling and special events such as the nationally acclaimed Crane festival, Ski-Hi Stampede, rodeos and fairs.

Highway transportation in the Valley includes U.S. Highway 285, which comes from New Mexico in the south, merges with 160 in Alamosa going west, and then resumes as 285 going north from Monte Vista. Highway 160 extends the width of the valley from east to west. A commercial airline with daily flights to Denver operates out of Alamosa.

GOVERNANCE

Trinidad State Junior College is a comprehensive coeducational two-year state-supported institution operated under the governance of the State Board for Community Colleges and Occupational Education.

MISSION STATEMENT

Trinidad State's mission is to enrich the lives of our diverse communities by providing quality educational experiences and promoting lifelong learning.

TSJC VISION STATEMENT

Trinidad State's vision is to adapt to change, embrace diversity, and educate for the future.

CORE VALUES

Students First

Student success is our purpose and the focal point of decision making and resource allocation.

Diversity in Community

We value individual attributes, capabilities, and differences, and we foster the collaboration and social responsibility that create a vital institution.

Communication

We value professionalism in our interactions and cultivate an open, friendly environment of fairness and integrity on our campuses and in our communities.

Responsiveness

We recognize and act upon opportunities to be innovative, flexible, and adaptable.

Lifelong Learning

We are dedicated to providing lifelong learning opportunities that are accessible and relevant for our students, faculty, staff, and community members to empower them to achieve their dreams.

GENERAL EDUCATION

The College defines general education as courses that are balanced and broadly based. These courses expose the student to the mainstreams of thought and interpretation in humanities, sciences, communications, mathematics, social studies, and arts. They also develop the student's understanding of the interrelationships among these fields of study. These courses must not be directly related to a student's formal technical, vocational, or professional preparation.

The College works toward the enhancement of an informed citizenry with the ability to think critically, communicate effectively, and solve problems, both qualitative and quantitative. The College strives to provide general education that promotes tolerance, lifelong learning, and a devotion to free inquiry and free expression.

GOALS

- Read and comprehend college level work
- Explain and defend ideas verbally and in writing
- Examine ideas using critical reasoning
- Solve problems using logic, mathematics, technology, and creative thinking
- Demonstrate responsible citizenship.

These goals are addressed throughout a student's tenure at Trinidad State Junior College. Student learning in these areas are evaluated through components embedded within course assessments. Additionally, students may be asked to participate in various ongoing course assessment efforts. The Assessment for Improvement of Student Learning Committee (AISLC) oversees all assessment efforts at Trinidad State Junior College. This committee's principle task is to help improve student learning through regular reporting, discussion and course modification efforts.

TRANSFER EDUCATIONAL PROGRAMS

The College provides opportunities for students to fulfill the lower division requirements of a college education in liberal arts or the professions and to qualify students for admission to the junior year at other colleges and universities by providing two-year transfer educational programs.

GOALS

In addition to General Education goals, students transferring from TSJC in Arts and Sciences will be able to:

- Plan and write well-organized essays and papers that focus on interpretation, criteria analysis, and evaluation
- Use basic resources to conduct research (library, internet, and other secondary data sources)
- Think and respect different systems of human values, both contemporary and historical

- Make connections between the past, present, and future
- Use mathematical data and synthesize data using scientific methods
- Accept and apply professional ethics
- Be admitted to a four-year college or university and succeed in their chosen field of study at such an institution.

- Perform job related tasks
- Apply theory in an area of technical specialty
- Demonstrate work ethic and responsibility

CAREER AND TECHNICAL EDUCATION PROGRAMS

The College provides Career and Technical Education for specific professions.

GOALS

In addition to General Education goals, students graduating from career and technical educational programs will be able to:

CONTINUING AND CUSTOMIZED WORKFORCE EDUCATION

The College also provides non-credit programs and offerings that are academic, vocational, and cultural in nature.

GOALS

- Facilitate and /or enhance occupational, intellectual, cultural, social, and personal development
- Meet the changing needs of area residents, traditional and nontraditional students, business, industry and the community

TSJC Articulation Agreements with 4-year Institutions

CSU GLOBAL

AAS & AGS Business Management
 AAS & AGS Computer Information Systems
 AAS & AGS Computer Technologies
 AAS & AGS Criminal Justice
 AAS & AGS Criminal Justice
 AAS & AGS Early Childhood
 AAS & AGS Graphic Design
 AAS & AGS Massage Therapy
 AAS & AGS Occupational Safety & Health

BS Business Management
 BS Information Technology
 BS Information Technology
 BS Organizational Leadership
 BS Public Management
 BS Applied Social Science
 BS Business Management
 BS Business Management
 BS Business Management

NEW MEXICO HIGHLANDS UNIVERSITY

AS Natural Resources
 AS Geology
 AA Business Administration

 AA Business Administration

 AA Business Administration

 AA Business Administration

BS Forestry
 BS Geology
 Bachelor of Business Administration
With Concentration in Accounting
 Bachelor of Business Administration
With Concentration in Marketing
 Bachelor of Business Administration
With Concentration in Management
 Bachelor of Business Administration
With Concentration in Finance

NURSING AGREEMENTS

UNIVERSITY OF COLORADO AT COLORADO SPRINGS

ADN/RN Associate Degree of Nursing

BS in Nursing

ADAMS STATE UNIVERSITY

AND/RN Associate Degree of Nursing

BS in Nursing

Accreditations and Affiliations

Trinidad State Junior College is accredited by:

The Higher Learning Commission of the North Central Association of Colleges and Schools

230 South LaSalle St., Suite 7-500
Chicago, Illinois 60602-1411
(800) 621-7440; (312) 263-0456

The most recent comprehensive evaluation for continued accreditation at the Associates' degree-granting level occurred in 2008, with a result of continued eight-year accreditation.

Program Accreditations and governance:

Barbering and Cosmetology Programs

Division of Professions and Occupations
Department of Regulatory Agencies
1560 Broadway, Suite 1350
Denver, CO 80202
Phone: (303) 894-7800
Fax: (303) 869-0364
Email: dora_barbers-cosmetology@state.co.us

Certified Addiction Counselor Program

Division of Professions and Occupations
Department of Regulatory Agencies
1560 Broadway, Suite 1350
Denver, CO 80202
Phone: (303) 894-2430
Fax: (303) 894-2821

Colorado Law Enforcement Training Academy

Criminal Justice Section-Colorado Peace Officers Standards and Training Board
1300 Broadway, 9th Floor
Denver, CO 80203
Phone: (720) 508-6721
Email: post@state.co.us

Heavy Equipment-EPIC

National Center for Construction Research and Education
13614 Progress Boulevard
Alachua, FL 32615
Phone: (888) 622-3720
Fax: (386) 518-6303

Massage Therapy Program

Office of Massage Therapy Registration
Department of Regulatory Agencies
1560 Broadway, Suite 110
Denver CO, 80202
Phone: (303) 894-7855
Toll Free: (800) 886-7675

Occupational Safety and Health Technology

AAS degree program is accredited by Applied Science Accreditation Commission of ABET,
<http://www.abet.org>.
All statements on accreditation status must refer only to those programs that are accredited.
415 North Charles Street
Baltimore, MD 21201
Phone: 410-347-7700
Fax: 410-625-2238

Nursing Program is approved by

Colorado State Board for Nursing
1560 Broadway, Suite 1350
Denver, CO 80202
dora_registrations@state.co.us
Phone: (303) 894-7800
Fax: (303) 894-7693
<http://www.dora.state.co.us/nursing/>

The Accreditation Commission for Education in Nursing (candidate)

<http://acenursing.org/>
Accreditation Commission for Education in Nursing
3343 Peachtree Road NE, Suite 850
Atlanta, Georgia 30326

Certified Nursing Assistant Program

Colorado State Board for Nursing
1560 Broadway, Suite 1350
Denver, CO 80202
dora_registrations@state.co.us
Phone: (303) 894-7800
(303) 894-7693 – Fax
<http://www.dora.state.co.us/nursing/>

Welding-EPIC

National Center for Construction Research and Education
13614 Progress Boulevard
Alachua, FL 32615
Phone: (888) 622-3720
Fax: (386) 518-6303



TRINIDAD STATE
JUNIOR COLLEGE
TRINIDAD • EST. 1911 ALAMOGA • EST. 1991
THE VALLEY CAMPUS
Home of the Pioneers
REGISTER NOW!
TRINIDAD STATE

ONE WAY

TRINIDAD ST
VALLEY ST

Admissions...

Admission to Trinidad State Junior College is open to all Colorado high school graduates, non-graduates of high school who are 17 years of age or older and any other person who can benefit from the instruction. **Admission to Trinidad State Junior College does not ensure acceptance of an individual student in a particular course or program.** In the event that an applicant does not meet the requirements for a particular program, the student will be advised of special courses or programs available to them. Admissions are subject to space availability.

Non-high school graduates are strongly urged to take the General Educational Development (GED) Test and earn a high school equivalency certificate. This test is administered on campus and is recognized by the State Department of Education, potential employers, and the United States Armed Forces.

ACADEMIC YEAR

- **Freshman:** Completion of fewer than 30 semester credit hours
- **Sophomore:** Completion of 30 or more semester credit hours
- **Unclassified:** Previously awarded a degree at the associate level or above

ADMISSION STATUS

- **New Student:** Attending TSJC for the first time
- **Continuing Student:** Attended TSJC as a continuing student
- **Readmitted Student:** Have not attended TSJC within the past one or more semesters and are reentering

APPLICATION AND ENROLLMENT PROCEDURES

Detailed application procedures can be found at www.Trinidadstate.edu. In general, enrollment in Trinidad State Junior College consists of the following;

1. Apply for Admission (It's FREE!) Apply online at www.Trinidadstate.edu by clicking APPLY ONLINE on the right side of the page or complete a paper application from Admissions and Records. If you have questions about the Trinidad Campus please email bernadine.degarbo@trinidadstate.edu. Please email mathilda.westerman@trinidadstate.edu with questions about our Valley Campus.

Once you have been accepted you will be given a Student ID Number (S#). You will receive your S Number via online if you apply online or in an acceptance letter if you complete a paper application. You will need your S# to take the Accuplacer test, log onto school computers, for registration, etc.

2. Apply for Financial Assistance Complete the Free Applications for Federal Student Aid (FAFSA) to apply for federal, state, and institutional grants, work-study, and student loans at www.fafsa.gov. The priority deadline for the FAFSA is May 1 every year. Allow at least 4-6 weeks for processing. After May 1 you can still apply, but funding may be limited. Our school code when filling out the FAFSA is 001368.

If you have been a Colorado resident for twelve consecutive months, you are entitled to a state stipend for attending college! Did you check the box to apply for COF in your application? If not, sign up for the College Opportunity Fund (COF) online at <https://cof.college-assist.org> and go to the link Apply or a Stipend. Once you apply you'll be asked to authorize COF when you register for classes.

****Note: COF is not the same as federal student aid****

Be sure to apply for scholarships! For more information visit: <http://www.trinidadstate.edu/students/financial-aid/scholarship-information>. TScholarship deadlines vary. Check the website for details.

3. Meet the Academic Placement Requirements

Take the Accuplacer assessment test. The Accuplacer is an untimed, online/computer based, multiple-choice placement test, to assess your current academic skill levels in reading, math and English for placement into classes. The test includes up to four sections to the test with a possibility of a fifth: Arithmetic, Elementary Algebra, Reading Comprehension, Sentence Skills and WritePlacer. Depending on the score in the Sentence Skills section, a Writing Placer test will be prompted, which is another test giving the opportunity to write/type out short paragraphs to place the student correctly.

You must bring your Student ID number (8 digit S#) and a government issued ID with picture in order to take the test.

The first time you take the Accuplacer it's free! You may qualify for an exemption to the Accuplacer if you have recent ACT or SAT scores (within the last five years), or meet the other requirements listed in the course catalog. ACT scores of English 18, Math 23 and Reading 17, or SAT scores of English 440, Reading 430, and Math 460 qualify you for exemptions. Please bring a copy of unofficial transcripts or ACT, SAT, or Accuplacer scores when you meet with an Academic Advisor.

Retaking Accuplacer:

If you feel you were misplaced or you would like to retest to better your placement, you do have the option of retaking one section of the test for \$5 or \$20.00 for the full test. Please contact the Testing proctor correlated to your campus for payment information as there are restrictions on the number of times you can retake the test.

Studying for the Accuplacer:

For Accuplacer practice guides visit our website at www.trinidadstate.edu and select Academics and Testing Center to find different tips and links to help you study for the Accuplacer.

You may also use the YouTube website to practice and watch videos about and for the test. Search in the search bar (one or all of the following terms): Accuplacer test, Accuplacer arithmetic, Accuplacer elementary algebra, Accuplacer, Sentence Skills and Accuplacer reading comprehension.

Contact to set up a time to take the Accuplacer Test:

Trinidad Campus:

Tori Eckes
600 Prospect
1st Floor Library
Trinidad, CO 81082
719-846-5473
tori.eckes@trinidadstate.edu

Valley Campus:

Ashlie Cogburn
Second Floor in the Learning Center
Alamosa, CO 81101
719-589-7003
Ashlie.cogburn@trinidadstate.edu

4. Meet with an Academic Advisor An Advisor will help interpret your academic placement results, create an educational plan and review program requirements.

Acceptance packet must be complete with Admissions before meeting with an Academic Advisor. Always bring your state issued photo ID for service.

5. Log into Go2TSJC portal (Student Account and Activate your TSJC e-mail) From the TSJC website go to Go2TSJC link, located toward the top of the screen. To login for the first time, use your S# and your 6-digit birth date (mmddyy) as the password at the login screen. You will be asked to reset your password when you first log in, for security purposes. You can check e-mail, search and register for classes, pay tuition, view financial aid status, access online courses, and more in Go2TSJC. Note: If logging onto a TSJC computer for the first time your user name will be your S# and your password will be your birthday in the form of monthddyyyy. (Example: March012012)

To set up for e-mail from Go2TSJC, click on the small mail envelope that says "Student Email" in the upper right-hand corner to start the activation process. You will need to choose the Language and Time Zone for your e-mail account before you will be able to access your e-mail. All-important communications come through your student email so don't delay! IT Support Desk Trinidad:(719) 846-5663; IT Support Desk Valley: (719) 589-7105

6. Register for Classes

- To register online, login to Go2TSJC and click on the "Student" tab to register for classes. Use the 5-digit CRN# in the class schedule to add a class to your schedule. Verify your Academic Plan in Degree Works, located in Go2TSJC, under the "Student" tab.
- To register in person, meet with an Academic Advisor. Don't forget to authorize your COF funds while on Go2TSJC, so that they apply toward your courses. Note: May take 24-48 hours for COF to be applied to your account Print your class schedule.

7. Get your Student ID Get your official TSJC ID card. Your ID card gives you access to the library, computer labs, and other services on campus in addition to discounts around town. Bring a state issued photo ID, your current class schedule, and S number.

8. Complete the Payment Process Report to the business office to satisfy financial obligations. For more information visit, <http://www.Trinidadstate.edu/students/business-office/payment-options.html>. Note: If you are receiving financial aid and can charge your books, visit the Business Office to receive your Tuition Calculation Form.

You will receive a HigherOne refund card in the mail 7-10 days after registration (watch for the lime green envelope). Go online to activate your card and select your refund preference. Note: After you receive your HigherOne card, if you need assistance with your HigherOne card see the Student Success Center in the Library (Trinidad), or the Business Office on the Valley Campus. For more information on the CCCS HigherOne Refund Card, please visit <http://www.trinidadstate.edu/students/business-office/higherone>

9. Purchase Books & Supplies Books and supplies are available at the Trek Inn Bookstore on the Trinidad Campus or Room #134 on the Valley Campus. Bring your printed class schedule, photo ID, and tuition calculation (if applicable) to buy your books and supplies at the TSJC Bookstore. You can view your required books and supplies online at: <http://www.trinidadstate.edu/students/bookstore>.

10. Be Successful! TSJC is proud to provide academic support to every student who needs it.

Trio Support - Trinidad: (719) 846-5645

Trio Support - Valley: (719) 846-5467

Student Success Center Trinidad: (719) 589-7051

Student Success Center Valley: (719) 589-7058

ADVISORS

The educational needs of students are the highest priorities of the College. Although students are free to seek guidance or advising from any faculty member, the College provides several avenues to meet the needs of the students.

- Advising is available in the Library on the Trinidad Campus or the Valley Campus for individual sessions with students. Services available include academic advising, transfer and scholarship advice. All students are assigned an advisor and are encouraged to meet with their advisor early and often throughout the semester.
- Various tests and inventories offer students a realistic indication of their aptitudes, interests, and achievement levels. College in Colorado www.collegeincolorado.org provides an interest inventory, learning assessments and career planning tools that can be accessed online. This program allows the student insights into their choice of major programs, career and life-planning goals.
- Transfer advising is available for TSJC students hoping to attend a four-year college. It is important to get transfer advising, which is different than course registration.
- Once a student begins classes, transfer advisers can assist with selection of colleges, understanding the necessary steps to be transfer-ready, and assurance that the student is taking the appropriate courses for the major they want to take.

TSJC provides qualified advisors to assist students with planning proper programs in career and technical education and academic studies. Any student who desires assistance of any type should inquire in the Library on the Trinidad Campus or the Valley Campus Advising Center, Room 160. Students are encouraged to meet with their assigned advisor at the beginning of each semester. Advisors are available throughout the academic year.

NOTE: Self-advising is discouraged at TSJC. Students that choose not to meet with their assigned advisor may take courses that will not apply to their certificate or degree program, or transfer to four-year institutions.

REGISTRATION HOLDS

Academic and administrative offices can place holds on a student's account for many reasons (academic, financial aid, business office, etc.). These holds prevent registration and changes to the student's current registration, including adds, drops, and withdrawals.

A registration hold is placed on all new student accounts at TSJC. It will be removed once the student has met with an Advisor.

The student must clear each hold with the office involved before they can access registration. If a hold is placed on a student's registration after they have registered, the student will not have access to their registration to adjust their schedule or to register for subsequent terms until the hold is cleared. Holds do not extend other deadlines. It is the student's responsibility to ensure that course drops, withdrawals and deadlines are met regardless of a hold status on a student account. If a student has a hold and needs to drop or withdraw from a course they will need to contact their advisor to do so.

TUITION CLASSIFICATION

Colorado law requires a student be classified as in-state or out-of-state for tuition purposes. Tuition classification is based upon information supplied on the application for admission.

Students previously classified as out-of-state may have their classification changed through a Tuition Classification Petition process. Petitions and information concerning documentation may be obtained in the Student Services Office. Petition applications must be received by the Registrar's Office by the first Friday of class each semester.

A student classified as "Out-of-State" may request a change in tuition classification. The procedures require that a student must submit a petition for a change from "out-of-state" to "in-state" tuition status. The tuition classification officer must request and maintain adequate documentation to support any applicant's claim for change in status. Members of the armed forces, their spouse, and dependent children whose permanent duty 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. The policy for tuition classification is outlined in the Colorado Community College System (CCCS) System President's Procedure 4-40. For more information, go to www.cccs.edu/SBCCOE/Policies/SP/PDF/SP4-40.pdf.

A person moving to Colorado must be domiciled in the state for **TWELVE CONSECUTIVE MONTHS** before becoming eligible for a change in residence classification under the tuition classification law. A minor under 23 years of age who is not emancipated and whose parents move their domicile from Colorado is considered a nonresident and will be assessed nonresident tuition at the next registration. A student must

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notify the Student Services Office of a change in residency status from resident to nonresident.

ANY STUDENT WHO WILLFULLY GIVES WRONG INFORMATION TO AVOID PAYING NONRESIDENT TUITION IS SUBJECT TO DISCIPLINARY AND LEGAL ACTION.

TUITION CLASSIFICATION APPEAL PROCEDURES

When a decision is rendered and the student is not in agreement with the decision, the student may appeal the decision to the "Tuition Classification Panel" by contacting the Chief Student Services Officer on each respective campus. The student will be required to present supporting documentation to a panel of institutional representatives for review and resolution. The student will be notified of the decision made by the appeals panel and the reasons behind the decision. The decision of the appeals panel is final.

Deadlines: Students have until the first Friday of each semester to submit a petition for change in Tuition Classification. Once the petition is submitted, the College will make a determination by census date.

COLLEGE OPPORTUNITY FUND (COF)

Be sure to sign up for the College Opportunity Fund (COF), which provides a stipend to eligible college students in Colorado. Students who do not apply for and authorize the use of the COF funding will be responsible for the full amount of in-state tuition.

CREDIT HOURS

To be considered a full-time student under federal financial aid guidelines, students must be enrolled in at least 12 credit hours. If you are a full-time career and technical education student, you may not take more than 22 credit hours without the approval of the dean.

REGISTRATION DEADLINE

The deadline for registering for classes is the first Friday of class or as designated in the TSJC schedule. Students requesting to register after the deadline date must obtain approval from the department dean for the authorization and registration into a class after the deadline date.

COURSE CANCELLATIONS

The College reserves the right to cancel programs or courses, to change instructors, and to change times or locations of classes. The dean's office will have current, up-to-date information on scheduled classes.

CREDIT FOR PRIOR LEARNING

Prior learning is college-equivalent education acquired through non-traditional schooling, work or other life experiences. These might include skills from military, job-related training and volunteer arenas. Students demonstrate and earn credit for prior learning through such methods as nationalized testing, challenge exams and portfolio examination. For more information about how you might gain credit for prior

learning, inquire with the Registrar's Office in Trinidad and review the CCCS Credit for Prior Learning Handbook at www.cccs.edu/current-students.

Transfer of credit for career and technical education courses is determined by the program director of the occupational program in which the student is seeking a degree. See the Registrar for more information about how to receive credit for career and technical education courses.

DROPS OR WITHDRAWING FROM A COURSE

It is important to know the drop and withdrawal dates for all classes. The dates are listed on the academic calendar or in the individual course syllabus. If a student officially drops from a class prior to census date (the last day to drop a class without penalty), a 100% refund of tuition will be made. There will be no refund if the student withdraws after the class census date. To be eligible for tuition refunds, students must officially drop the credit hours through the Student Services Office and apply for the refund by presenting the completed documents to the Business Office.

What's the difference between "drop" and "withdraw"? If a student drops a class before the census date, he/she will receive a tuition refund, and will not lose College Opportunity Fund (COF) credits. If a student decides to withdraw from a class after the census date, but before the last 20% of the class, and has a passing grade, the grade will be recorded as "W." A "W" is not counted in computing grade point averages. If a student withdrew during the last 20% of the class, it will be assigned a regular grade that does count in computing grade point averages. Requests for exception to this policy may be made to the appropriate dean. However a student will not get a refund, and will lose COF credits. It is the student's responsibility to drop or withdraw from classes if they stop attending. Please go to the Student Services Office on either campus to drop or withdraw from a class.

REFUND POLICY

If a student officially drops from classes prior to the class census date, a 100% refund of tuition will be made. To be eligible for tuition refunds, students must officially drop through the Student Services Office and apply for the refund by presenting the completed documents to the Business Office. The College reserves the right to cancel course offerings where enrollment is too low to make a course educationally sound and/or economically feasible. Course cancellations will result in refund of tuition.

DEGREE/CERTIFICATE REQUIREMENTS

To earn a degree or certificate, students must satisfy all program, course and/or curriculum requirements for the curriculum under which they are registered and attain a cumulative grade point average of 2.0 or higher. Developmental education courses do not count toward a degree. Familiarize yourself with the provisions and regulations pertaining to your program. See your advisor when in doubt. TSJC will make every effort

to assist you in meeting requirements for graduation. Final responsibility, however, rests with the student.

DEVELOPMENTAL COURSES

Developmental courses include academic skills courses that are prerequisite to the level of work expected for college level instruction. Developmental courses are not allowed as degree credit for an Associate of Arts (AA), Associate of Science (AS), Associate of General Studies (AGS) or Associate of Applied Science (AAS) academic degrees at TSJC. Eligibility for financial aid assistance in developmental courses may vary. Please see the TSJC Financial Aid Director for additional requirements and information regarding financial aid in developmental courses.

IMMUNIZATION REQUIREMENTS

Colorado Law requires that all full-time students born after January 1, 1957, show proof of immunization against measles, mumps, and rubella. Students residing in student housing are required to show proof of immunization against meningococcal disease or the student or parent/guardian must sign a waiver. Proof of immunization is required at the time of registration. Certification forms are available at the Student Services Office.

INTERNATIONAL STUDENTS

Information for international students is available on line at www.Trinidadstate.edu or contact a TSJC admission specialist. International students may apply for admission for the fall, spring or summer semesters. Admission steps for international students include:

- 1 Apply for admission, include a copy of your Passport, there is no application fee.
- 2 Submit the International Student Supplement Form. This form verifies specific information required to complete the I-20 immigration document accurately.
- 3 Submit the International Student Statement of Financial Support. This document, along with the required paperwork documentation (bank statements, affidavits of support, sponsorship letters, etc.) verifies the student's ability to cover the cost of their academic program at Trinidad State Junior College.
- 4 Submit verification of Secondary School Completion to a TSJC Admission Specialist. International students must provide proof that they have completed their secondary education. Typical proof includes an academic transcript or certificate from the high school or program.
- 5 Submit proof of English proficiency as indicated by a TOEFL score of at least 475 paper-based, 153 computer-based, or 53 internet-based or provide

documentation showing that you have the ability to communicate in English in an academic setting.

- 6 Provide certified English translations of high school transcripts indicating graduation date and/or College transcripts from any college or university attended (U.S. and foreign).

Contact the TSJC Admissions Specialist at 719-846-5621 with questions about this process.

INTERNATIONAL TRANSFER STUDENTS

If you are transferring from another U.S. institution, you must provide documentation of transfer eligibility signed by your previous school's International Office and copies of your visa, passport, I-94, and previous I-20. You must submit completed documentation to TSJC's Registrar for review.

INTERNATIONAL ADMISSION TO TSJC

After all materials are reviewed, TSJC will issue the United States Immigration Form I-20. You then will apply for an F-1 visa through the U.S. Consulate in your home country. When you arrive in Colorado, you must report to the designated school official and bring with you your I-20, visa and passport.

ENGLISH AS A SECOND LANGUAGE

The purpose of the English as a Second Language (ABE/ESL) non credit bearing program is to meet the academic and social needs of students and community members who are in the process of learning English. Highly qualified TSJC instructors provide ESL teaching and help international students adjust socially and culturally.

All students for whom English is a second language are evaluated for English proficiency. After evaluation, you may be required to take the Levels of English Proficiency (LOEP) test. For more information, contact the TSJC Adult Education Director at 719-846-5682.

MILITARY/VETERANS AND THEIR FAMILIES

Trinidad State Junior College takes pride in being able to meet the educational needs of military service members, their families and veterans, and is approved by the Colorado State Approving Agency for Veterans Education. Military tuition assistance, veteran's education benefits, and veteran's vocational rehabilitation are administered by the Financial Aid office on both campuses.

Each semester, active duty military members and veterans using or wanting to use educational benefits must report to the Financial Aid Office. To maintain your educational benefits in good standing with your Service and/or the Department of Veterans Affairs you must immediately inform the Financial Aid office if you:

- drop, add or audit classes;
- stop attending classes;

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- have a class cancelled, withdraw or are withdrawn from classes or the college;
- are unable to attend classes or;
- make any changes to your enrollment status.

If you are a military dependent or the dependent of a disabled veteran you may be eligible for a variety of educational benefits. We recommend that you visit one of our Financial Aid Offices for more information. The TSJC Certifying Official is located in the Financial Aid Office on the Trinidad Campus in Berg Building, Room 209, or the Student Services Office Room 160 on the Valley Campus. TSJC requires Veteran's complete the checklist available on the TSJC website at www.Trinidadstate.edu each semester.

Trinidad State Junior College has been approved for veterans' training under Chapter 30 Title 38, Chapter 31, Chapter 35 Title 38(DEA) USC, and Chapter 1606/1607 Title 10 USC. A staff person is provided by Trinidad State Junior College for assistance with application process for Veteran's Educational Program benefits. Standards of Progress are set forth for veterans and eligible students receiving benefits under Chapter 30, 31, 35 Title 38 United States Code in compliance with V.A. Regulations 14253, 14277 and Chapter 1606/1607 Title 10 USC.

NEW STUDENT ORIENTATION AND CURRICULUM ADVISING

New students have the opportunity to attend orientation sessions prior to fall registration to select a major, take the assessment test, and meet with assigned advisors. Students learn about the College, its offerings and requirements, social and leadership opportunities and advising and counseling services available at TSJC. An online new student orientation is available through the TSJC Portal.

PLACEMENT

Students pursuing a degree program must complete assessment tests prior to enrollment. TSJC uses the Accuplacer computerized test as its assessment tool for course placement. The results of these tests provide information needed for pre-registration advising.

Trinidad State Junior College is committed to the success of each of its students. Therefore, minimum basic skill levels have been established for College programs in accordance with state mandates. It is the policy of the College that all students enrolling at TSJC must be assessed in mathematics, writing, and reading unless they meet the Accuplacer exemptions requirements. See the Student Success Center for more information.

The results of the assessment tests are used to place students into the proper English, reading, and mathematics course(s). The results are also used to advise students in the selection of other courses. Students, who score below placement test

scores in mathematics, writing, and/or reading, must take the appropriate developmental courses within their first 30 credit hours and are encouraged to complete them as early as possible.

NON-DISCRIMINATION

The College prohibits and will not tolerate discrimination or harassment that violates federal, state law, or Board Policy 3-120 or Board Policy 4-120. The College does not discriminate on the basis of gender, sex, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion or sexual orientation.

The College complies with Titles VI and VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, the Education Amendments of 1972 (Title IX), the Age Discrimination in Employment Act, the Rehabilitation Act of 1973, the Americans with Disabilities Act, Pregnancy Discrimination Act of 1978, Vietnam Era Veterans Readjustment Assistance Act of 1974; Executive Order 11246, and sections 24-34-301, C.R.S. et seq.

For information regarding civil rights or grievance procedures, contact: *Title IX Compliance /Equal Opportunity Officer:*

LORRIE VELASQUEZ
DIRECTOR OF HUMAN RESOURCES
600 PROSPECT ST
(719) 846-5534
Lorrie.Velasquez@www.Trinidadstate.edu

REGISTRATION

Students are encouraged to register early for classes. Registration dates and procedures are announced to currently enrolled students via TSJC-TV, on our website www.Trinidadstate.edu, in official informal notices, via e-mail, advertising, in the semester schedule of classes and by instructors in the classroom. New and returning students (those who have been out of school for one semester or more) must re-apply for admission and should familiarize themselves with the registration procedures by obtaining a schedule of classes from the respective campus Admissions Office.

To be eligible for registration, students must complete the steps listed under Application and Enrollment Procedures. Registration is not considered complete until the registration information has been filed and all tuition and fees have been paid.

No person may attend a course in which he/she has not been officially registered. A student must be on the class list in order for an instructor to admit that person into his/her class. The deadline for registering for classes is the first Friday of class or as designated in the TSJC schedule. Students requesting to register after the deadline date must obtain approval from the departmental dean for late authorization and registration into a class after the deadline date.

RESIDENCE HALLS

The Trinidad Campus has four residence halls on campus to house students. The residence halls are staffed with two full-time housing employees, and a supporting staff of resident assistants and resident hall assistants. Students living in the resident halls are required to have a meal plan through the cafeteria. The food service company, Sodexo, strives to serve the students with a variety of menus, quality service, and unlimited seconds for most meals. For more information about housing go to <http://www.Trinidadstate.edu/students/housing>.

SPECIAL POPULATIONS

Trinidad State Junior College is an equal opportunity institution committed to education for all, including members of special populations. The term "special populations" includes persons with disabilities, educationally and economically disadvantaged persons (including foster children), persons with limited English proficiency, persons eligible for programs designed to eliminate sex bias, and persons from correctional institutions.

According to the Americans with Disabilities Act (ADA), Trinidad State Junior College will provide accommodations for qualifying students with disabilities. To request an accommodation, contact the Special Populations Coordinator at 719-846-5456.

The Special Populations Office is located in the Library. In the Valley the office is located in the Learning Resource Center. Call 719-589-7067.

READMISSION

(Former students): Any students who have previously attended TSJC and who are returning after an absence of one academic year or three or more semesters must make readmission arrangements in the Student Service's Office. If students have attended any other educational institutions since their last registration at Trinidad State Junior College, they must also arrange to have official transcripts submitted to the respective Student Service's Office. Students seeking readmission are advised to complete the above requirements well in advance of scheduled registration dates.

TRIO STUDENT SUPPORT PROGRAMS

Trinidad State Junior College offers several federally funded programs designed to assist students in achieving success. TRIO programs offered at TSJC include:

- Educational Opportunity Center
- Math Science Upward Bound Programs.
- Student Support Services

TRIO EDUCATIONAL OPPORTUNITY CENTER

The Southern Colorado Educational Opportunity Center at Trinidad State Junior College is one of five in the State of Colorado. It is a federally funded program in which the efforts are geared toward serving the "nontraditional" student, www.Trinidadstate.edu

generally meaning those individuals returning to school after a long absence, and also those with dependents. Although high school juniors and seniors can be assisted with various college forms and applications, priority is given to those who are: 1) low-income; 2) first-generation (those whose parents do not have a four-year college degree); and 3) other. Each participant receives information about postsecondary education, admissions, and financial aid guidelines and opportunities. Clients will also be given intensive assistance in filling out forms, initial direction in selecting the most appropriate course of study, and extensive follow-up toward completing the educational objectives of the participant. The Trinidad EOC office is located in Berg 209. The phone number is 719-846-5689.

TRIO STUDENT SUPPORT SERVICES

Student Support Services is a college-sponsored, federally funded program designed to assist qualified students in pursuit of post-secondary education. Students involved in the SSS program are more than twice as likely to remain in college as those students from similar backgrounds who do not participate in the program. Services include the development of an individualized academic success plan; personal career counseling; tutoring and study group assistance to achieve academic success; learning outside the traditional classroom through cultural tours; visitations to four-year campuses to attend orientation sessions with advisors, faculty, and students; and advising in the selection of a four-year college or university.

Student Support Services (SSS) at both campuses of Trinidad State Junior College help first generation and low-income students stay in college and meet their educational goals. Eligible participants may receive the following services:

- Tutoring and study group assistance for any student in any TSJC course.
- Drop in assistance in completing writing assignments for any course.
- Drop in assistance for all students in any level of mathematics.
- State-of-the-art computer lab for word processing and writing assignments.
- Financial Aid guidance and counseling including assistance with completion of applications and forms.
- Grant aid for qualified participants.
- Guidance in identifying a course of study & defining career goals for SSS eligible students.
- Advising and visits (all expenses paid) to assist in transferring to a four-year college or university for SSS eligible students.

ADMISSIONS

Student Support Services are located above the library on the Trinidad Campus and in the Learning Center on the Valley Campus. For additional information, call (719) 846-5645 or (719)-589-7031.

TRIO MATH SCIENCE UPWARD BOUND PROGRAM

The Math Science Upward Bound Program offers high school students from Colorado and New Mexico concentrated studies in mathematics and science courses. The purpose of the program is to prepare the students for and encourage them to pursue post high school degrees and careers in fields related to science, mathematics and technology. On the Trinidad campus students reside in residence halls for six weeks during the summer, with follow-up services provided throughout the school year. This program is available on both campuses.

ADULT EDUCATIONAL SERVICES

The Adult Basic Education (ABE) and General Educational Development (GED) programs are committed to meeting the broad spectrum of adult and nontraditional students' educational needs in their respective communities. With more than thirty years of service to the community, the Adult Education Services Program continues to show great success, not only in terms of number of participants and GED completion rates, but also in the percentage of those that transfer on to higher education. In addition, the growing population of non-English speaking residents in our communities has resulted in an increasingly successful ESL Program. These students first learn to communicate in English, and then many continue on through the GED program and on to TSJC.

The Adult Educational Services Program has formed community linkages. Agreements throughout TSJC's service area have given the Adult Education program the opportunity to serve those students who choose alternative educational pathways, on their way to higher education at TSJC. With the goal of improving the connection between the employment pool and the training and educational programs at TSJC, the Adult Education program provides a representative to the One-Stop Centers in Trinidad and Alamosa, four mornings each week. The Las Animas County Social Services Program, as well as the Valley's Programs, continues to use the TSJC Adult Education Program as their primary educational unit for their various assistance programs. For more information about adult education in Trinidad call 719-846-5682. In Alamosa, call 719-589-7131.

LIBRARY

students, staff and faculty of the Trinidad and San Luis Valley campuses. The library has approximately 55,000 volumes, 80 periodical titles and six newspapers. The TSJC library card catalog can be accessed from any computer on or off campus at the following web site: <http://tsjc-verso.auto-graphics.com/iluminar/home.asp#TSJC%20Home>. Library hours are subject to change without notice, please contact the library for current hours. The library's phone number is: (719) 846-5593. The Valley Campus features the Learning Resource Center located in room 212. The contact number is (719)589-7135.

The library has a computer lab with workstations that provide internet, e-mail, and word processing capabilities for registered students. Wireless internet is available for registered students in the library. The library also has four computers that are open to the public for their use. There are several research databases available via the Internet for students including SIRS Researcher; CINAHL, Reference USA, Learning Express and EbscoHost. The library has a magni-sight machine for student use along with a TV and VCR for videotape viewing. The library is a member of the CLC (Colorado Library Card) program and participates in borrowing items through interlibrary loan.

Library services are available for Trinidad State Junior College Valley Campus students through the Community Library Account agreement with the Nielson Library at Adams State University. The facility is located six blocks from the Valley Campus in Alamosa. Students have computer access to on-line electronic databases, including Britannica Online, SIRS, First Search, EbscoHost and ProQuest. Students should present their student I.D. when visiting the Adams State University Library. The student success center also offers a small CTE library.

Student Success Centers: The Trinidad Campus Ruth Ann Woods Student Success Center was established June 2009 to enhance academic opportunities and support for all students to increase retention, graduation, articulation agreements, and transfer of Trinidad State Junior College's diverse student population.

In July 2010, TSJC's Valley Campus established a Student Success Center on the second floor. Both centers provide students with academic support, referrals and intervention services. For additional information, call (719) 846-5477 for Trinidad and 719-589-7003 for Alamosa. Services provided to all students at no charge include.

- ACCUPLACER® and other computer-based testing
- Individualized student academic assessment and case management
- Academic support and service referral
- Instructional assistance with online classes, and with classroom-based learning success strategies
- Hybrid/online support for both students and instructional faculty
- Transfer and articulation agreement advising

TRANSFER

Trinidad State Junior College has transfer agreements with Colorado's four-year colleges and universities. These agreements ensure that if you successfully complete requirements for graduation with an Associate of Arts or Associate of Science Degree, you have fulfilled general education requirements and you will be granted upper division status at the receiving institution. Each applicant for

www.Trinidadstate.edu

admission who has attended another institution or college may not disregard a previous collegiate record. Transfer students will be applying for admissions as a first-time freshman. A student who wishes to transfer to Trinidad State Junior College may do so provided that the student is in good standing at the college from which he/she wishes to transfer.

An official transcript must be sent directly to the college from the institution where the credits were earned. The student may be admitted upon receipt of an application form and a transcript of all work completed at previous institutions. College transcripts will be evaluated prior to registration to ascertain acceptable credits that will apply to the student's program of study. Courses for which the student has earned a grade of "D" or "F" will not be accepted for credit.

Students with a GPA below 1.5 may be admitted on academic probation. In determining academic standing while attending TSJC, the GPA of a transfer student is computed on the basis of credits attempted at Trinidad State Junior College only and will not include credits and grade points earned at other colleges. Remedial classes do not transfer. It is always up to the receiving institution to decide the transfer of credit. However, TSJC has many articulation agreements (see page 17).

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 GPA calculation. Academic renewal applies only to courses taken at TSJC and may be awarded only one time, and only to currently enrolled students. The original grades and credit hours remain on the permanent academic transcript, and credit hours are deducted from the student's remaining COF stipend eligible hours. A notation indicates that academic renewal has been awarded, and the GPA 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 TSJC certificate or degree. Students applying for academic renewal must see the Registrar for further instructions.

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

1. The student must wait at least two calendar years after the coursework was completed to apply for academic renewal. The student cannot be enrolled in classes at TSJC during those two years.
2. The student must complete 6 semester credit hours with grades of "C" or better.
3. The transcript of a student awarded academic renewal will reflect the entire academic record, but the courses covered under academic renewal will be excluded from GPA calculations and will be so identified.
4. Only grades of D or F are eligible for academic renewal and exclusion from GPA calculation.

A student concerned about a poor academic record is encouraged to meet with an advisor to discuss TSJC's strategies for academic success.

The Academic Renewal Policy is only applicable to classes taken at Trinidad State Junior College. Students applying for academic renewal are responsible for investigating the impact of renewal on transfer admission, financial aid, remaining COF stipend eligible hours, and Veterans Administration benefits. For clarification of the scope and definition of this policy, contact the Registrar.

STATE AUTHORIZATION

Trinidad State Junior College is currently working cooperatively with higher education authorities in all states and other U.S. jurisdictions to ensure compliance with state authorization requirements that govern the offering of courses in those states, including complaint processes. TSJC will continue to monitor developments in the jurisdictions in which it enrolls students, and, if authorization or licensure is or becomes necessary, it will obtain approvals or provide notice here of the jurisdictions in which it is not authorized to offer courses or programs.

Currently TSJC has approval to offer courses in the following states:

Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

TSJC is currently NOT authorized to offer courses in the following states:

Alabama, Alaska, Arkansas, Iowa, Massachusetts, Minnesota, Oregon, Tennessee, Utah, District of Columbia

If you are not an on-campus student at TSJC and plan to enroll in distance education classes, please check the information provided above to verify that your state has either authorized or exempted our college to offer such classes or programs to you as a resident of that state.

If you reside in an "unauthorized" state and plan to take distance education classes, please note that we are not authorized or exempted to offer distance education classes or programs to you as a resident of an "unauthorized" state. Contact the Registrar's Office for any questions.



Financial Matters...

PAYMENT OF FEES

All tuition and fees are due and payable at the time of registration each semester. Registration is not complete until the student's financial obligation is met in full. A student with unpaid financial obligations, of any type, due to the College will not be allowed to register for subsequent semesters, graduate, or receive any transcript of credits.

Tuition and fees are subject to change depending on legislative and state board action. Therefore, TSJC reserves the right to change the amount of tuition and fees pursuant to such action. Students should refer to the appropriate Semester Schedule of Classes for current tuition and fees.

FINANCIAL AID

The following information has been prepared to provide a better understanding of the financial aid programs at Trinidad State Junior College. The purpose of financial aid is to assist those eligible students who, without such aid, would be unable to pursue their educational goals. The primary responsibility to meet college costs lies with the student and the student's family, with financial aid from the college being a supplementary source of financing.

The amount of need-based financial aid offered to a student cannot exceed the student's documented financial need. A student's financial need is determined through a uniform need analysis of the student's and/or family's income, assets, etc., compared with the anticipated costs of the student's education. Financial aid records are classified, confidential, and are treated accordingly. Students are encouraged to seek additional information on financial aid from the Financial Aid Office.

FINANCIAL AID AWARDS

All financial aid awards are made in compliance with the policies, guidelines and regulations set by the State of Colorado, federal government and Trinidad State Junior College. Awards may consist of one or a combination of the various financial aid.

Financial Aid recipients are notified of their award by mail, online or in person (providing an award has been made). Award estimates are **NOT** made. Funding of all financial awards is contingent upon the State and Federal funding of the financial aid program at TSJC.

All students who receive financial aid must meet the standards of satisfactory progress. The standards outlined in the General Information Publication available on request from the Financial Aid Office.

www.Trinidadstate.edu

APPLICATION FOR FINANCIAL AID

- File an application for admission to TSJC (required only once during attendance at TSJC with consecutive enrollment).
- Submit a Free Application for Federal Student Aid (FAFSA) or a renewal Free Application for Federal Student Aid for each year of college attendance. The web address for FAFSA is www.fafsa.ed.gov. Federal code for TSJC is 001368.
- After FAFSA receives the student and/or the parent signatures, a Student Aid Report (SAR), will be sent in the mail or e-mailed directly to the student within 10 days.
- If you were selected for verification, see Part 1 of the Student Aid Report (SAR), you must provide the Financial Aid Office with the documents to verify taxed and untaxed income and complete a verification worksheet. The worksheet can be obtained from the Financial Aid Office or online at www.Trinidadstate.edu. It is important to submit the required information to the financial aid office by June 30 of the subsequent year. For the subsequent year, June 30 is the deadline. Incomplete documentation will not be accepted. Failure to meet this deadline will keep the applicant's aid from being processed.
- Register for classes.
- Once your financial aid application is complete and has been verified, you will be mailed an award notice indicating how much, and the different types of aid you have been awarded. This is the amount of financial aid that you have available to assist you with your educational expenses, beginning with your tuition and fees. Keep this for your records.
- Depending on your award notice, you may then seek a work-study position and/or a student loan. Inquire at the Financial Aid Office on your respective campus for further details.

APPLICATION DEADLINE

The deadline for early consideration for financial aid is May 1, preceding the college year for which assistance is desired. The final deadline for financial aid applications is June 15th of the current academic year.

Eligibility for Financial Aid must be determined each college year; therefore, an annual application is required.

VERIFICATION POLICY AND PROCEDURE

Verification is the process of checking the accuracy of the information you provide when you apply for federal

student aid from the U.S. Department of Education. The U.S. Department of Education is required to select 30% of all federal aid applicants for verification. The institution may also select additional applicants for verification. If you are chosen for verification, you will be notified by the Financial Aid Office to submit additional documentation. It is important to submit the required information to the financial aid office by June 30 of the subsequent year. For example: 2013-14 academic year, June 30, 2014 will be the deadline. Incomplete documentation will not be accepted. Failure to meet this deadline will keep the applicant's aid from being processed.

SATISFACTORY ACADEMIC PROGRESS

In order to meet satisfactory academic progress requirements for terms in which assistance was received, financial aid recipients must:

1. Maintain a cumulative term grade point average of 2.0 or above for all classes attempted; **AND**
2. Successfully complete a minimum of 67% of attempted credit hours.

Review of Satisfactory Academic Progress will be done shortly after the stated due date for grades at the end of each term. Credit hours attempted through consortium agreements will be included in the review of this criterion. Students who fail to meet either or both of these criteria will be notified through a warning, probation or letter of eligibility from the Financial Aid Director.

Credit hours successfully completed result in the following Satisfactory Progress Status

TSJC defines and assigns grades and their interpretations.

1. Grade symbols of A, B, C, D earned during the fall, spring and summer will be considered acceptable for courses completed and Satisfactory Academic Progress consideration. S and P (credit) grades will be assigned the equivalent value of a 2.0 GPA.
refer to page 40 for guaranteed transfer requirements
2. Grades of F, I, W, IP, AW, and AU earned during the fall, spring and Summer **WILL NOT** be considered acceptable for Satisfactory Academic Progress.
3. Students who received an incomplete grade (I) are responsible for notifying the Financial Aid Office if the incomplete grade has been removed. Students can be made aware of this by statements in the Financial Aid Handbook, via a web site or within probation and/or suspension letters. Refer to individual college catalogs as to when the "Incomplete" grade will be changed to a failing grade should the student not

complete the course as agreed to in the Incomplete Grade Contract.

A student's academic progress will be measured by comparing the number of attempted credit hours with credit hours successfully completed.

- Good Standing: Student is eligible to receive all types of aid.
- Warning: Student is eligible to receive all types of aid.
- Probation: Student will continue to receive aid, but will be monitored closely and must meet good standing criteria by the end of the probation term.
- Ineligible: Student is not eligible to receive financial aid (federal, state or, at times, institutional.)

MAXIMUM TIME LENGTH

Federal regulations require that institutions establish a maximum time period or maximum number of credit hours in which a student should complete an educational degree and/or certificate if financial aid is received. Financial aid recipients will be considered to be making satisfactory academic progress if they complete their educational degree and/or certificate in the time frame indicated below. If a student changes a course of study, the attempted hours under all courses of study are included in the calculation of attempted and earned hours. Transfer credit hours are included in the calculation of allowable maximum time length. All attempted credit hours, whether or not financial aid was received for the credit hours, must be evaluated when determining the maximum time length for financial aid consideration.

Associate Degree: This program requires a minimum of 60 credit hours. Students must complete their program by the time they have attempted 90 credit hours.

Certificate: TSJC offers a number of eligible certificate programs each requiring a specific number of credit hours for completion. Students enrolled in certificate programs must complete their program by the time they have completed 150% of the number of credit hours required for the specific program. Example: A student, who is enrolled in a 24 credit Certificate program, must complete that program by the time he/she has attempted 36.0 credit hours.

According to clarification from the U.S. Department of Education, up to 30 credit hours of "for credit" remedial coursework or credit-bearing English as a Second Language (ESL) courses are allowed when determining enrollment status. Those same credits are not required to be included when calculating the quantitative measurement, based upon 150% of the credit hours required for program completion, provided that such exemption is defined in policy. Therefore,

as a policy statement of the Community Colleges of Colorado, up to 30 credit hours of remedial/ESL credits will **NOT** be included in the calculation when determining if the student has exceeded the maximum time length (150% of the hours required) for the declared program of study provided that the courses are not applicable to the declared program of study.

Payment of aid is allowed for repeated courses. However, these courses will be counted toward students' maximum time length.

FINANCIAL AID ALERT, WARNING, PROBATION AND INELIGIBLE STATUSES

The Financial Aid Office will evaluate each financial aid recipient's academic progress each term. Each semester-end evaluation will include a GPA review as well as an assessment of the student's completion of the credit hours attempted for that term.

Financial aid recipients will be placed on an alert status if they have reached 110% to 150% of the maximum allowable credit hours for their current program. This includes students who have obtained a degree and/or certificate and are seeking to pursue another degree and/or certificate.

Students will be placed on financial aid warning:

- If they fail to successfully complete at least 67% of the total attempted hours
- If they earn a term GPA below 2.0

Students are eligible for payment of aid during the probationary term. Students are not able to appeal probation. If at the end of the probationary term under the first two bullet points above, students successfully complete 67% of their attempted hours with a minimum cumulative GPA of 2.0, they will automatically be removed from financial aid probation.

All financial aid recipients will be ineligible for financial aid consideration for the next semester of attendance if:

- They fail to complete 67% of the credit hours they attempt **and/or**
- They earn less than a 2.0 cumulative GPA and/or
- They have reached 150% of the maximum allowable credit hours for their current program. This includes students who have obtained a degree and/or certificate and are seeking to pursue another degree and/or certificate.

FINANCIAL AID APPEALS

TSJC maintains an initial review and financial aid appeal committee process for students to appeal the primary decision

of the Financial Aid Appeal Committee. All decisions made at the Financial Aid Appeal Committee are final.

A student may appeal when they do not meet the GPA standard or the 67% minimum completion rate. Appeals must be submitted in writing to the Financial Aid Office with supporting documentation attached.

Appeals may be filed for mitigating circumstances, such as:

1. Medical problems (family illness).
2. Family emergency (death of a family member).
3. Other documented extenuating circumstances beyond the student's control.

A student may also appeal the following:

1. Extension of the maximum allowable credit hours for the currently enrolled program, or
2. Funding for an additional degree and/or certificate, **MAY** be required to meet with an academic advisor or counselor to discuss the accumulation of attempted hours beyond the degree requirements and/or the educational purpose of a subsequent degree and/or certificate.

An appeal form can be obtained from the Financial Aid Office or online at the www.Trinidadstate.edu website. The student is responsible for presenting sufficient information and documentation to substantiate the existence of mitigating circumstances.

The Financial Aid Director will initially review and make a decision about the appeal. If the student wishes to appeal that decision, he/she may submit a written request to have the appeal reviewed by the Financial Aid Appeal Committee. The committee is made up of five members. The committee will notify the student within five days of the decision.

Students with approved appeals will be notified in writing and will be placed on Probation for the term in which the appeal was approved. Students with denied appeals will be notified in writing of the decision and of the reinstatement process.

REINSTATEMENT

A student who has been terminated may request reinstatement of eligibility after completing one term of a minimum of 6.0 credit hours at his or her own expense, (without the assistance of federal, state or institutional money) meeting the satisfactory academic progress requirements, and repaying any overpayment that he or she may have received. Once these criteria are met, the student must submit a written request to the Financial Aid Office for a review of their satisfactory academic progress eligibility status.

TSJC RETURN OF TITLE IV FUNDS

When a Title IV aid recipient completely withdraws from TSJC prior to the end of the term, a refund of the aid will be calculated. The calculation will be based on the number of days attended compared to the total number of days in the semester. Withdrawal after 60% of the term is not subject to the return calculation. Aid used for tuition, fees, books, and room/board, will be refunded by both the student and the College.

The withdrawal date will need to be determined in order to calculate the amount to be returned. This will be the date the student began the withdrawal process with the Student Services Office, or otherwise provide the institution with notification of intent to withdraw. If the student drops without any notification, the midpoint of the term (50% aid returned) will be used as the withdrawal date or the student's last date of attendance at a documented academically related activity. If the withdrawal process was not begun because of illness, accident, or similar circumstance beyond the student's control the institution will determine the appropriate withdrawal date. If at the end of the semester the student receives all W's, F's or a combination, then again, the midpoint of the term (50% aid returned) will be used as the withdrawal date or the student's last date of attendance at a documented academically related activity.

Students who withdraw from all of their classes or fail all of their courses will be required to pay back their financial aid.

The College will return to the Title IV programs, the amount based on the standard calculation. That amount is now due to the College by the student. Additionally, the student will return any remaining unearned Title IV funds. (If the student needs to return funds to the Pell or SEOG programs based on the return priority, they need to return no more than 50% of the original amount). Students have 45 days to repay their portion. After 45 days, the College will notify the Department of Education. The student will then be ineligible for Federal Title IV aid at any post-secondary institution until the overpayment is repaid. The loan amounts the student needs to return will be repaid according to the regular repayment schedule for the loan. The school refund to the loan will be credited to the original loan amount.

Example: A student received a Pell Grant for \$1563 for full time enrollment of 12.0 credit hours. Student charges for the term totaled \$726.20. The student completed 30 calendar days of the 111 days of the term.

Original Pell Award	\$1,563.00
Student withdraws after attending 30 calendar days (30/111)	
Percentage of Title IV aid earned 27% Amount of Title IV aid earned.....	\$422.01

Pell award amount of Title IV aid unearned (Title IV aid to be returned).....	\$1,140.99
Institutional Charges incurred by student.....	\$726.20
Percentage of Title IV aid unearned	73%
Institutional Charges unearned.....	\$530.13

Title IV Aid to be returned by student, computed as follows:

(Original award - institutional charges) = student amount x percentage unearned / 2 = total amount student must repay
 (\$1563 - \$726.20) x 73% = 610.86 / 2 = \$305.43.

Pell Funds to be returned to the Department of Education by the institution

	\$530.13
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The order of return of Title IV funds will be as follows:

- Unsubsidized Stafford Loans
- Subsidized Stafford Loans
- PLUS Loans
- Federal Pell Grant
- Federal SEOG

The fees, procedures, and policies listed above supersede those published previously and are subject to change at any time. Financial aid policies not listed here are available in the Financial Aid Office or online.

POST-WITHDRAWAL DISBURSEMENT:

If a student withdraws or drops and as a result of applying the institutional refund policy the school reverses, reduces or cancels a student's charges, the return to Title IV Financial Aid requirements still apply. An otherwise eligible student who begins attendance at a school and is disbursed or could have been disbursed Title IV grant or loan funds prior to a withdrawal or drop earns a portion of these funds.

Students dropping all courses during the add/drop period may be eligible for a Post Withdrawal Disbursement based on the amount of time they were in attendance. Any otherwise eligible student who began attendance at an institution and was disbursed or could have been disbursed Title IV grant or loan funds prior to a withdrawal has earned a portion of those Title IV funds (668.22 (a) and 668.22 (1) (4)). The charges used in the return calculation are always the charges on the student's account prior to withdrawal or drop.

SCHOLARSHIPS

Trinidad State Junior College offers many scholarships annually to students who attend Trinidad State Junior College on a full-time basis. The scholarships provide monetary recognition on a year-by-year basis to first time and continuing students who demonstrate academic expertise in a particular field of study or skill. Many Trinidad State Junior College scholarships are funded by the state of Colorado. Therefore, most of these scholarships are available to Colorado residents only. Examples of TSJC scholarships include: President's, Athletic (male and female), and First Choice. Trinidad State Junior College scholarships may be renewed provided the recipient continues to meet the eligibility requirements of the scholarship. In addition, Trinidad State Junior College offers a number of endowed scholarships to TSJC students.

Eligibility for scholarships must be determined each college year. Therefore, a renewal application is required. Scholarship information is available at the Financial Aid Office or online at: www.Trinidadstate.edu/ and click on prospective students.

LOANS

- **Federal Direct Loan Stafford Student Loan Program**
The Federal Stafford Subsidized and Unsubsidized Loan enables students to borrow from the Department of Education at a low interest (variable) rate. You may borrow each year based on a scale available in the Financial Aid Office.
- **Federal Direct Loan Parent Loan to Undergraduate Students (PLUS)** This program makes additional loans available to parents of undergraduate students. Application materials and instructions may be obtained from the Financial Aid Office or on line at www.Trinidadstate.edu. Students must complete a FAFSA form.

GRANTS

- **Federal Pell Grant** The Federal Grant Program is designed to provide financial assistance to those students who are eligible. The award varies each college year.

- **Supplemental Educational Opportunity Grant Program (SEOG)** This grant is available to students attending institutions of higher education who are eligible. Grants range from \$200 to \$4,000 per college year.

- **Colorado Student Grant Program (CSG)**
This grant is available to resident students who demonstrate financial need. A student may receive up to \$5,000 per college year.

EMPLOYMENT

- **Federal Work-study Program (FWS)** The purpose of this program is to provide a means through employment, whereby an eligible student can earn funds with which to pay for educational expenses. The rate of pay is in compliance with the Federal Minimum Wage Law. Based on the amount of demonstrated need, a student could earn as much as \$3,000 during the two-semester college year. Through this program students may work up to 20 hours per week while attending classes. In order to qualify for Federal College Work-study, students must demonstrate financial need. They then must find a job on their own. A work-study employment booklet is available in the Financial Aid Office.
- **Colorado Work-study Program (CWS)** The purpose of this program is to provide a means through employment, whereby an eligible student can earn funds with which to pay for educational expenses. The rate of pay is in compliance with the Federal Minimum Wage Law. Based on the amount demonstrated need, a student could earn as much as \$3,000 during the two semester college year. Through this program students may work up to 20 hours per week while attending classes and up to 40 hours per week during vacation periods. Generally, students must demonstrate financial need to qualify for this program. It is the student's responsibility to secure their own work-study position. A work-study employment booklet is available in the Financial Aid Office.



Total credit hours completed (11). Total quality points (35). The grade point average (GPA) is computed as follows:

GPA = Total Quality Points (35), divided by total credit hours earned (11), $35/11 = 3.1818$ GPA.

Cumulative Grade Point Average

To compute the cumulative GPA, add the # of credit hours earned for each semester completed and add the total quality points earned for each semester. Divide the total quality points by the total credit hours earned.

Example:

Semester	Earned Hours	Quality Points
Fall	15	40
Spring	13	32
Total	28	72

$72/28 = 2.57$ cumulative GPA. A cumulative GPA of 2.0 is required to graduate with a degree or certificate.

AU - AUDIT

By auditing a course, a student may participate in course activities, but does not receive a formal transcript grade. Students must indicate intent to audit a course at registration or by the deadline listed in the course schedule. Audited courses are not eligible for the College Opportunity Fund stipend. Students will be responsible for the full in-state or out-of-state tuition and all applicable fees. Audited courses do not meet the credit hour requirements for financial aid or veteran benefits and may not be applied to certificates or degrees.

INCOMPLETE

The "Incomplete" (I) 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).

Students are encouraged to let instructors know, as soon as possible (before withdraw date), if they are having difficulties that may prevent them from completing a test or assignments at the end of the term. In requesting an Incomplete grade the student must present to the instructor the documentation of circumstances justifying an Incomplete grade.

Instructors will fill out an "Incomplete Contract Agreement" with the terms, i.e. assignments and / or tests to be completed and deadlines for completion. The agreement will be signed by the instructor and student.

In the event that a student and instructor cannot reach resolution concerning an Incomplete, the student can seek mediation with the appropriate Dean.

Academic Matters...

FULL-TIME AND PART-TIME ENROLLMENT

To be considered a full-time student at Trinidad State Junior College, you must be enrolled in at least 15 credit hours. Federal Financial Aid recognizes a student carrying 12 credit hours to be full-time. A student who registers for fewer than 12.0 hours within a semester is a part-time student.

A student enrolled in an academic program may not register for more than 18.0 credit hours without permission from his or her advisor and the approval of the appropriate Instructional Dean. A student enrolled in a career and technical education program may not register for more than 22.0 credit hours without permission from his or her advisor and the appropriate Instructional Dean.

GRADE POINT AVERAGE (GPA)

The scholastic standing of students at Trinidad State Junior College is indicated by letter grades, which have the following interpretation:

GRADE EARNED	QUALITY POINTS EARNED
A – Superior	4 credit points per credit hour.
B – Good	3 credit points per credit hour.
C – Average	2 credit points per credit hour.
D – Deficient, but passing	1 credit point per credit hour.
F - Failure	0 credit points per credit hour.
S – Satisfactory	0 credit points per credit hour.
U – Unsatisfactory	0 credit points per credit hour.
W - Withdrawal Passing	0 credit points per credit hour.
AU – Audit	0 credit points per credit hour.
SP- Satisfactory Progress	0 credit points per credit hour.

Grades of "AU", "I", "S", "U", and "W" are not assigned quality points and are not computed into the grade point average.

The computation of a student's grade point average takes into consideration the grades received for successful completion of classes, the quality points earned for those classes, and the total number of completed credit hours. Please note, transfer credits do not include the transfer of quality points or calculated grade point average.

Example:

	Grade Earned	Credit Hours	Grade Points	Quality Points
Sociology 251	B	3	X 3	= 9
Biology 111	A	5	X 4	= 20
English 121	C	3	X 2	= 6
History 201	W	3	X 0	= 0

Military personnel and emergency management officials who are required to go TDY in the middle of a term should contact their instructor for special consideration. Documentation of an official TDY assignment is required and must be approved by the appropriate Dean.

Incomplete grades that are not converted to a letter grade by the instructor after one subsequent semester (not including the summer semester) will revert to an F grade unless a higher default grade has been assigned by the instructor.

FINAL EXAMINATIONS

Final exams and/or final evaluations are given the last full week of classes during regular class times.

GRADE APPEAL

The Grade Appeal Procedures are THE ONLY method by which a student may challenge a final grade issued by an instructor at Trinidad State Junior College.

1. The student **must** contact the instructor **after** the grade is issued to discuss any change in grade. The student must contact the instructor within 90 calendar days of the end of the semester during which student was enrolled. If student is unable to contact instructor, contact the appropriate Associate Dean on the respective campus.
2. If the student is dissatisfied with the instructor's response, the student may appeal the instructor's decision by sending, in writing, a written request to the appropriate Associate Dean requesting a review.
3. The appropriate Instructional Dean will contact the instructor notifying him/her of student's request to appeal the grade.
4. Within fourteen (14) calendar days of receipt of the student's written request, the appropriate Associate Dean shall either sustain the instructor's grade or recommend a grade change to be carried out by the instructor. This decision shall be mailed to both the student and the instructor. Failure to receive a response within fourteen (14) calendar days from the instructor does not constitute or imply a grade will be changed without proper documentation from the student.
5. A recommendation to change a grade requires that the instructor complete and submit a Change of Grade request via email/written documentation within seven (7) calendar days after receiving the written notice of the student grade appeal. An administrative change of grade is made when the instructor fails to comply or is unable to complete the request.

6. Either the instructor or the student may appeal the decision in writing within seven (7) working days to the Scholastic Standards Committee, via the Instructional Dean.
7. If the grade is appealed, the appeal shall be heard by the Scholastic Standards Committee. The committee shall be comprised of:
 - A. One faculty member, preferably in the discipline, but not the instructor whose grade is in dispute.
 - B. One representative appointed by the appropriate Student Services Administrator.
 - C. The committee shall be chaired by the appropriate Instructional Dean, who shall not have a voting right.
8. Both the student and the instructor shall be notified of the date, time and place of the hearing. Both shall be available to the Committee should further clarification be necessary. Attendance is not mandatory. (While the student and/or instructor may invite third parties to the meeting, the student and/or instructor shall present their case and no third party may cross-examine or represent any individual.)
9. The decision of the Scholastic Standards Committee will be communicated in writing to both the student and instructor via the committee chairperson. Either the student and/or instructor may appeal the Committee's decision to the Instructional Dean within seven (7) working days.

In the event of an appeal, the Instructional Dean or designee shall give written notice to the other party (e.g., if the student appeals, the appeal is shared with the instructor who may also wish to file a response), and then the Instructional Dean or designee will draft a response memorandum (also shared with all parties).

All appeals and responses are forwarded to the Instructional Dean 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 committee findings 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 standing are:

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.

- Sanctions imposed are implemented immediately unless the Instructional Dean or designee stays their implementation in extraordinary circumstances, pending the outcome of the appeal.
- The Scholastic Standards Committee Chairperson 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.

If the Instructional Dean determines that a material procedural or substantive error occurred, it may return the complaint to the Scholastic Standards Committee or designee with instructions to reconvene to cure the error. In rare cases, where the procedural or substantive error cannot be cured by the Committee or in cases of bias, the Instructional Dean may order a new hearing be held by a different Scholastic Standards Committee. 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 Instructional Dean determines that new evidence should be considered, it will return the complaint to the Committee Chairperson 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 Instructional Dean, 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 opportunity to return the appeal to the instructor or designee for reconsideration (remand) should be pursued;
- Appeals are not intended to be full re-hearings 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 a Scholastic Standards committee to substitute their judgment for that of the Instructional Dean 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.

ACADEMIC PROGRESS POLICY

All Trinidad State Junior College students are expected to achieve satisfactory progress as required by the Colorado Community College System (CCCS), System President's Procedure (SP4-20d). Through the Academic Alert Process students will be informed when they are not making satisfactory academic progress. The following outlines the standards and practices of the CCCS Academic Process Policy:

1. The Academic Process Procedure applies to all students who have completed nine (9) or more credits in residence while attending a Colorado Community College System college.
2. During the student's first 8 credit hours of enrollment, TSJC will monitor satisfactory progress through the Academic Alert process.
3. A student is considered in "Good Standing" when the student's cumulative GPA is at least 2.0 or greater for all courses completed at TSJC.
4. A student is placed on Probation (initial) when the student's cumulative GPA is less than 2.0 for all courses completed at TSJC.
5. A student is considered on Probation (continuing) when the student's cumulative GPA remains less than 2.0 for all courses completed at TSJC and the student's last term GPA is 2.0 or greater.
6. A student is placed on Suspension (initial) when his/her cumulative GPA is less than 2.0 for all classes completed at the College and the last term GPA is also below 2.0. A student placed on Suspension (initial) is not permitted to register at any CCCS college for the next term, excluding summer term, after the term of suspension unless a suspension appeal is approved. A student may appeal for unusual or mitigating circumstances by meeting with an academic advisor and submitting an academic plan to the Vice President of Student Affairs for approval. A student who is approved to register for classes will remain on probation (continuing) and must complete the semester with a semester GPA of 2.0 to continue enrollment. Initial suspension is for one term.

7. A student is placed on Suspension (second) when his/her cumulative GPA is less than 2.0 for all classes completed at TSJC and the last term GPA is less than 2.0 for the second time. A student placed on Suspension (second) is not permitted to register for the next two terms after the term of suspension unless a suspension appeal is approved, excluding summer term. A student may appeal for unusual or mitigating circumstances by meeting with an academic advisor and submitting an academic plan to the Vice President of Student Affairs for approval. A student who is approved to register for classes will remain on probation (continuing) and must complete the semester with a semester GPA of 2.0 to continue enrollment.
8. A student is placed on Suspension (third) when his/her cumulative GPA is less than 2.0 for all classes completed at the College and the last term GPA is also below 2.0 for the third time. A student placed on Suspension (third) is not permitted to register for the next two years after the term of suspension. The student must meet with an advisor from the CCCS college the student wishes to attend in order to get their suspension hold removed.
9. Summer term may NOT be used as a "suspension term."

ATTENDANCE POLICY

Roll is taken at the beginning of every class period. Students are expected to attend all scheduled class periods. Students are expected to be on time and stay until class is dismissed. Absence, for any reason, does not relieve the student of the responsibility of completing coursework as assigned.

If the student is absent from class for three contact hours and such absences are unexcused, his or her final grade for the course may be reduced by one letter grade. If the student has been absent for six or more contact hours and such absences are unexcused, he or she may be withdrawn from the class entirely.

Attendance definitions

Contact hour: A contact hour is fifty minutes of clock time.

Class period: That period of time during which the Instructor meets with the Student in a classroom, lab or other educational setting, beginning and ending at previously announced times. It may include one or more contact hours. Students should expect to spend approximately two hours on out of class assignments and preparation for every one hour of class time.

Excused Absence: Any absence caused by travel to and attendance of any function approved by a coach of a recognized college sport or sponsor of an approved campus club by a current team or

club member. Any absence caused by illness if the student presents a written statement from a certified health care provider. Any other reasonable excuse that is acceptable to the Instructor.

REPEATING A COURSE

Students may repeat a course in which they did not receive at least a C grade. Both grades will remain on the permanent record; the latest grade is used to compute the grade point average. Courses may not be repeated for credit if the final grade was a C or better unless approved through the academic dean and a waiver signed.

GENERAL EDUCATION GUARANTEED TRANSFER PROGRAM

A student completing an AA or AS degree, containing a minimum of 38 credit hours of State Guaranteed Transfer Courses and passing all coursework with a "C" or higher is guaranteed to have a minimum of 60 credit hours transfer to any 4-year state college/ university in Colorado. For further information, contact a community/junior college advisor.

GRADUATION REQUIREMENTS

TSJC awards the Associates of Arts (A.A.) Degree, Associate of Science (A.S.) Degree, Associate of General Studies (A.G.S.) Degree, Associate of Applied Science (A.A.S.) Degree, and various Certificates. The following graduation requirements generally apply for each degree or certificate conferred:

To be eligible for the Associate of Arts (A.A.) Degree, Associate of Science (A.S.) Degree, Associate of General Studies (A.G.S.) Degree or the Associate of Applied Science (A.A.S.) Degree granted by Trinidad State Junior College, the student must:

1. Fulfill the curricular requirements of the degree program as outlined in the College Catalog and State Board for Community Colleges and Occupational Education policies.
2. Complete common core of general education courses as prescribed by the program selected.
3. Have earned a minimum cumulative grade point average 2.0.
4. Have completed a minimum of fifteen (15) semester hours at TSJC.

Note: Students who complete all required courses in the appropriate areas with grades of "C" or better will have their transcript stamped "core transfer program completed." When a student has not satisfactorily completed the core courses prior to transfer, the receiving institution will review and accept courses on a course-by-course basis in relation to college/university requirements.

To be eligible for a Certificate granted by TSJC, students must:

1. Fulfill the curricular requirements of the occupational program pursued as outlined in the College catalog.
2. Have earned a minimum cumulative grade point average 2.0.
3. Have completed a minimum of fifteen (15) semester hours at TSJC.

Fall	November 1
Spring	March 1
Summer	June 30

Applications for Graduation are available from the following areas: Registrar's Office, Student Services Office, or www.Trinidadstate.edu web page.

COMMENCEMENT PROGRAM: Graduate's name, program and hometown will be listed in the Spring commencement program.

APPLYING FOR GRADUATION

All students must apply for graduation to participate or walk at graduation. Students may complete graduation requirements anytime during a specific term; however, the official graduation date that is posted on the student's transcript is the last day of full-term classes for the appropriate term. TSJC holds one formal graduation ceremony for all three terms. This is held at the end of spring semester.

It is recommended that the student schedule an appointment with the advisor for verification of eligibility for graduation at the beginning of the semester in which the student will complete his/her program of study. The student should review the following areas with his/her advisor:

1. Confirm that the course and area of study is correct for the Current Academic Program;
2. Confirm that all transfer credit and Credit for Prior Learning that applies to the student's current program has been posted on the transcript;
3. Confirm with the advisor that all course substitutions and/or waivers that were previously discussed have been approved and posted to the student's record;
4. To participate in the graduation ceremony please submit a complete Application for Graduation upon appropriate verification of eligibility as outlined in: (A) for fulfilling curricular requirements for an Associate of Arts Degree, Associate of Science Degree, Associate of General Studies Degree or Associate of Applied Science Degree; or in (B) for fulfilling curricular requirements for a Certificate;
5. Complete Exit Interview with Financial Aid Office.

The **Application for Graduation Form** must be completed and returned to the Office of the Registrar, Berg 201 or Valley Campus Student Services Office, prior to the following Graduation Application Deadlines to be eligible to participate in the graduation ceremony:

GRADUATION HONORS

Graduation honors recognize outstanding academic achievement throughout a student's academic career at the home institution. The honors are awarded to students who complete the requirements for an associate degree and earn a 3.5 or better cumulative grade point average at the institution. Only college level courses completed at the institution will be included in the GPA calculation. For those students transferring credits from another institution, Trinidad State Junior College requires a minimum of 15 credits to be earned in residence to be eligible for graduation honors. The three levels of recognition are defined as follows and will be posted on the student's transcript.

Cum Laude ("with honor")
3.50 to 3.749 Cumulative GPA

Magna Cum Laude ("with great honor")
3.75 to 3.990 Cumulative GPA

Summa Cum Laude ("with greatest honor")
4.00 Cumulative GPA

Phi Theta Kappa (PTK) Honor Graduates: Phi Theta Kappa is recognized by the American Association of Community and Junior Colleges as the only official honor fraternity for two-year colleges. PTK recognizes and encourages scholarship among college students. PTK provides opportunity for stimulation of interest in continuing academic excellence, for the development of leadership and service and for lively fellowship of scholars. The Gamma Xi Chapter, the oldest PTK Chapter in Colorado, was chartered at Trinidad State Junior College in 1937. Students will be invited to join Gamma Xi chapter if they perform academically as follows: A grade point average of 3.5 must be obtained during a semester in which a student is enrolled in a minimum of 12 college-level credit hours. A cumulative 3.5 GPA must be maintained to retain membership.

Membership is open to all students without regard to their status as candidates for a degree. PTK members in good standing are permitted to wear the PTK gold stole at graduation indicating their participation in the Honor Fraternity.

Scholastic Achievement List: Students who excel in their courses of study at TSJC may qualify to be named to the Scholastic Achievement List.

President's List: Students who enroll in twelve or more college credit hours and earned a 4.0 grade point average are recognized on the President's List.

Vice-President's List: Students who enroll in twelve or more college credit hours and earn a grade point average between 3.75 and 3.99 are recognized on the Vice-President's List.

Dean's List: Students who enroll in twelve or more college credit hours and earn a grade point average between 3.5 and 3.749 are recognized on the Dean's List.

GAINFUL EMPLOYMENT DISCLOSURE INFORMATION

Beginning July 1, 2011, the US Department of Education began requiring colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation." The required information for these programs offered at Trinidad State Junior College is available at <http://www.trinidadstate.edu/academics/programs/gainful-employment>.

The information provided at this website represents only one year's data, but will be updated as more statistics become available in the future.

Trinidad State Junior College is committed to providing current and prospective students with the information they need to make informed education and career decisions. We hope this information is helpful to you. If you have any questions regarding the data provided and what it means to you as a student, please feel free to contact the Vice President of Student Affairs at kerry.gabrielson@www.Trinidadstate.edu.

SELECTION OF APPROPRIATE CATALOG

All first-time entering students are allowed five (5) years from their entrance date as a degree-seeking student to complete requirements and regulations in force at the time of their entrance to Trinidad State Junior College. If graduation requirements are not completed within the five-year span, the student must meet the requirements and regulations that exist at the time of application for graduation. Students who interrupt their studies for one year or more will enter under the current catalog.

SELECTING YOUR EMPHASIS

Students may choose one or more area of emphasis. The Associate of Arts (AA) and the Associate of Science (AS) degrees allow students to select a specific emphasis of study. Though it is not necessary to select an emphasis other than AA or AS, their doing so will help those planning to transfer to a four-year college or university and aid them in setting educational and career objectives. Completion of an AA or AS degree is guaranteed to transfer to any four-year college or university in Colorado.

For those interested in a Career Degree or Certificates, please see your advisor for options regarding areas of emphasis. Also for transfer, see articulations on page 17.

(A complete list of AA and AS Degree Transfer Emphasis can be found on page 38.)

FULL-TIME AND PART-TIME ENROLLMENT STATUS

Enrollment status of a student is determined by the number of semester hours of credit that the student is pursuing for the term for which the certification is made. Credit requirements are as follows:

Full-time: 12 or more semester hours of credit.

Three-Quarter Time: 9 to 11 semester hour of credit.

Half-time: 6 to 8 semester hours of credit.

Less than Half-time: 1 to 5 semester hours of credit.

STUDENT LOAD

Normal load for a full-time student is 12 to 18 academic credit hours per semester. A student should plan to devote about two hours per week for each credit hour for which the student is registered, including time spent on outside preparation. Students who wish to attend class regularly but do not wish to receive credit or a grade for the class should register for "AUDIT" after receiving permission from the instructor. The student will be charged full tuition for an "Audit". Credit for such courses cannot be established at a later date. The total of all credit and audit hours shall not exceed a normal load.

ACADEMIC DISHONESTY

Academic dishonesty will not be tolerated and is grounds for compulsory withdrawal, suspension, or disenrollment. Academic dishonesty includes, but is not limited to, "cheating" and "plagiarism."

"Cheating" means assisting another student, receiving assistance from another student, or relying on any unauthorized assistance, whether provided orally, in

writing, or by other means, in the course of taking tests or examinations, conducting research for or writing research papers, carrying out laboratory experiments, preparing projects, or meeting any other course requirement.

“Plagiarizing” means intentionally presenting the words, ideas or work of others as if they were the student’s own, or unintentionally presenting them as such without proper attributions. Instructors are authorized and required to make use of all reasonable means to deter, prevent, and detect academic dishonesty.

If in the considered judgment of his or her instructor a student is determined to have committed an act of academic dishonesty, the instructor should inform the student(s) of the allegation and recommend action to the appropriate Dean. Program handbooks may define consequences, if not penalties will be defined in conjunction with the Dean. Penalties may include assigning a failing grade to the particular course requirement, lowering the student’s grade for the course, failing the student for the course as a whole, or suspending the student for a defined period of time.

If the instructor decides that the student warrants suspension or disenrollment, he or she should bring the matter to the attention of the Instructional Dean who will follow up the decision. A student who believes that he or she has been wrongfully charged with committing an act of academic dishonesty should see the current Student Handbook for the official procedure for grade appeal.

DISTANCE EDUCATION

Distance Education consists of various media styles including online, hybrid, two-way video/audio, or other combinations of media to deliver instruction at a distance or where the student is not normally required to be on campus in a traditional classroom. TSJC offers a number of methods of alternative delivery including;

- Online courses delivered through a Learning Management System (LMS).
- Hybrids are those courses delivered partially (30% or more) through a LMS with reduced contact hours.

Polycom/CISCO Telepresence are two-way video/audio systems for courses where a network, linking the Trinidad campus to the Valley Campus or other locations such as area high schools and other Colorado Community Colleges provides opportunity for interactive video conferencing.

To find the current offerings of each of these types of classes in addition to the traditional face-to-face classes see www.Trinidadstate.edu.

Trinidad State Junior College also offers many classes on-line through CCCOnline. See the schedule of CCCOnline classes on www.cconline.org/courses.

Trinidad State Junior College has several programs that can be completed online. One such program is our nationally recognized Occupational Safety and Health Technology Program delivered via Distance Learning visit www.Trinidadstate.edu/academics/programs/osh. This option for obtaining a Degree or Certificate in Occupational Safety and Health is designed for the employed person who desires safety education but cannot attend college full-time, and/or does not live near an institution, which provides this type of training. If interested please call (719) 846-5052.

Trinidad State Junior College continues to update computer laboratories, equipment, and peripherals needed to achieve student success and retention.

ASSESSMENT AND CONTINUOUS IMPROVEMENT OF STUDENT LEARNING

Trinidad State Junior College is committed to the assessment of student learning as a strategy for understanding, confirming, and improving student learning in academic curriculum, programs, and services offered by the college. The Higher Learning Commission and TSJC share a common definition of assessment, as “a participative and iterative process” that:

- Provides information regarding student learning,
- Engages stakeholders in analyzing and using information on student learning to confirm and improve teaching and learning,
- Produces evidence that confirms achievement of intended student learning outcomes, and
- Guides broader educational and organizational improvement.

Because students, faculty, staff, and administrators all play a role in student learning, assessment activities at TSJC are conducted by academic, administrative, business, and student affairs departments and units. Assessment of student learning and satisfaction may take the form of surveys, standardized tests, program evaluation forms, focus groups, student projects, student reflective activities, or any of a variety of other mechanisms. Some assessment instruments are given to specific groups of students. Assessments may be administered both inside and outside of the classroom. Some assessments may be voluntary; others may be required. Educational support unit and academic program assessment includes business and industry input; analysis of general education, learning, and program outcomes; and indirect measures such as surveys, student data, and other items as appropriate.

TSJC's Assessment for Improvement of Student Learning Committee (AISLC) oversees all academic assessment efforts at Trinidad State Junior College. This committee's principle task is to help improve student learning through improvement of assessment processes, review of data, regular reporting, discussion and course or program enhancement efforts. The Assessment Committee for Educational Support (ACES) coordinates assessment activities aimed at improving the quality of services and outcomes in student affairs, student services, business and campus planning, athletics, student activities, and areas with federal grants.

Assessment-related data are kept confidential for individual students and are released only in aggregate form. Unless the assessment tool is also part of the assignments for a course, student performance in the assessment activity does not affect course grades or progress toward graduation.

Additional information about assessment at TSJC can be found on the assessment web site at: <http://www.trinidadstate.edu/assessment/>.







Additional Student Information...

STUDENT CONDUCT

TSJC maintains a Student Code of Conduct. The Code of Conduct is available in the Student Services Office on either campus and is published in the TSJC Student Handbook. It is the personal responsibility of every member of the campus community not only to protect his/her own rights, but to respect the rights of others and conduct themselves in a manner conducive to learning in an educational environment. A TSJC student is not exempt from local, state, or federal laws and TSJC students have the additional obligation of abiding by all of TSJC's regulations.

It is the intent of the Code of Conduct to ensure students at TSJC neither lose their rights nor escape the responsibility of citizenship in the college community. While the activities covered by the laws of the larger community and those covered by TSJC's rules may overlap, it is important to note that the community's laws and TSJC's rules operate independently and that they do not substitute for each other. TSJC may pursue enforcement of its own rules whether or not legal proceedings are underway or in prospect, and may use information from third party sources (such as law enforcement agencies and the courts) to determine whether TSJC conduct has been violated. For a copy of the Student Code of Conduct, go to the TSJC website at www.Trinidadstate.edu.

STUDENT BILL OF RIGHTS

The General Assembly hereby finds 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 credit hours or their baccalaureate programs in no more than one hundred twenty 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

www.Trinidadstate.edu

ADDITIONAL STUDENT INFORMATION

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 be transferable.

STUDENT RECORDS

Trinidad State Junior College is obligated to annually notify you of the Family Educational Rights and Privacy Act (FERPA) of 1974, Sec. 438, Publ. L. 90-247, as amended, which sets forth requirements governing protection of right to privacy in educational records, and affords rights to inspect such records. If you believe that Trinidad State Junior College has failed to comply with the above Act and/or regulations, you may file a complaint with the U.S. Department of Education; or alternatively, you may follow College procedure by contacting the Vice President of Student Affairs.

Trinidad State Junior College has adopted a policy that summarizes in greater detail rights under the Act and regulations, and describes a procedure for handling alleged violations of the above Act and/or regulations. Upon written request, a student may obtain a copy of the policy (or any page of your records, except transcripts from other institutions). Such requests shall be filed with the campus student services office. Every effort is made to protect the privacy and confidentiality of student records.

Official academic records, supporting documents, and other records are maintained by appropriate members of the College administration. Separate files are maintained for academic and general education records, records of disciplinary procedures, job placement records, financial aid records, and residence life records. Information regarding the responsible College administrator or faculty member for maintenance of these records is available from the Vice President of Student Affairs.

STUDENT RECORD DISCLOSURE TO FACULTY AND ADMINISTRATION

Disclosure of student records to faculty and administrative officers shall be only for (1) internal educational purposes, (2) routine administrative and statistical purposes, or (3) legitimate inquiries made by faculty instructors pertinent to the specific instructor's need to review your background information in order to adequately instruct and guide a student in a specific academic area.

STUDENT RECORD DISCLOSURE TO PERSONS OUTSIDE THE COLLEGE

Certain information is designated as directory information and may be released without the student's consent. It should not be released indiscriminately if there is any question about

ADDITIONAL STUDENT INFORMATION

the appropriate use of the information. Release of any other information normally requires the student's written consent.

When can TSJC disclose information from a student's records without consent?

- Directory information
- To a college official with a legitimate need for access
- To the parent of a student under 21 who violates drug/alcohol policy regardless of dependency
- To another college which the student attends or seeks to attend
- If the student poses a threat to self or others
- To the parents of a tax-dependent student of any age (campus registrar must approve documentation)

Directory Information includes the following:

1. Student Name
2. Major field of study
3. Participation in officially recognized activities and sports
4. Dates of attendance
5. Degrees and awards received
6. Most recent educational institution attended
7. Student enrollment status

Additional items for student athletes include height & weight. Directory information is limited to current academic year only.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which education records and personally identifiable information (PII) contained in such records — including Social Security Number, grades, or other private information — may be accessed without consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to records and PII without consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to education records and PII without consent to researchers performing certain types of

studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities they authorize to receive information, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without consent from education records, and they may track student participation in education and other programs by linking to other personal information obtained from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Student Record Review

Students may keep track of entries made to official educational records by viewing your academic records online through the TSJC portal. Students are guaranteed access to permanent educational records, subject only to reasonable regulation as to time, place, and supervision. You should direct requests to review educational records to the student services office on each campus.

Contact the student services office to question the content of educational records. Further appeal should be directed in writing to the Vice President of Student Affairs. Student access to the financial records of parents through the student financial aid file is not permitted. In addition, any confidential letters and statements of recommendation placed in the educational records prior to January 1, 1975, are not available for review.

FERPA RELEASE

Records at TSJC are considered confidential. Records will be released to faculty and professional staff for authorized College related purposes. Student academic records are released only with written consent by the student or under specific guidelines set out in the Family Educational Rights and Privacy Act of 1974. Transcripts may be withheld because of outstanding financial obligations to TSJC.

Currently enrolled students may withhold disclosure of directory information by notifying the Vice-President of Student Affairs, in writing, each academic year, that he/she does not want the directory information released for that period of time. TSJC will honor the request, and all or any portion of the information that the student requests to be withheld will be confidential. TSJC assumes that unless a student specifically requests directory information be withheld, he/she is approving the directory information for disclosure. The FERPA release form is available on the TSJC website at www.Trinidadstate.edu or in the Student Services Office on each campus.

STUDENT RECORDS RETENTION

Official student academic records, financial aid data and applicant materials and documents are maintained by the College during your enrollment and for a specified period after your enrollment. Some records such as courses attempted, grades, etc., are maintained permanently

(electronically) in the College's computer systems. Documents related to your admission and enrollment, such as the Application for Admission, are maintained by the College. The retention period varies by document, with the longest retention period being five years subject to audit. Contact the student services office at your campus for details on this policy.

USE OF STUDENT PHOTOGRAPHS

Photographs taken of students, for example, in classrooms, student lounge areas, and outdoors on campus, may be used by the College for release to newspapers or other media and for reproduction in TSJC publications. If included in such photographs, individuals are not identified by name or position and will not have their name released to outside individuals or organizations without prior written permission. Student photographs taken for the TSJC ID card are not intended for marketing and reproduction in TSJC publications without consent.

TSJC STUDENT ID NUMBER

A TSJC ID will be used to identify a student in the TSJC software maintenance system "Banner" and college records. Banner assigns a Student ID number at the time you apply for admission.

COMPLAINTS

Trinidad State welcomes comments, suggestions or feedback from students and stakeholders throughout the campus community. Individuals are encouraged to provide feedback or seek resolution about any concern or complaint at the lowest informal level progressing through the appropriate chain of command at both TSJC campuses. If the concern or complaint is not resolved through an informal process, a written complaint may be submitted to the Vice President to Student Affairs in Trinidad or the Dean of Students in Alamosa. Complaint forms are available in the Student Services Office on each campus or online through the TSJC portal at www.trinidadstate.edu.

Students or prospective students who wish to file a complaint related to accreditation or grievance may submit a formal written Student Grievance in the Student Services Office of either campus, or at 600 Prospect Street, Berg Office 201, Trinidad, Colorado 81082, or by going online and filling out the form electronically at <http://www.trinidadstate.edu>.

Complaints regarding accreditation can also be made by contacting the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools, 230 North LaSalle Street, Suite 7-500, Chicago, IL 60640-1411, telephone: 1-800-621-7440.

JENNIE CLERY DISCLOSURE OF CAMPUS SECURITY POLICY AND CAMPUS CRIME STATISTICS ACT

The Clery Act Disclosure is accessible on the TSJC Website: www.trinidadstate.edu. Hard copies are also available through the Student Services Office on each campus.

Sexual assault protocols and victims' rights provisions are described on the TSJC website at www.trinidadstate.edu

Victims are encouraged to report. Help is available. Sex offender information is available at the Colorado Convicted Sex Offender website: <http://sor.state.co.us>

Campus security will notify the campus community upon the confirmation of a significant emergency or dangerous situation involving an immediate threat to the health or safety of students or staff.

Report crimes, violations, accidents, suspicious persons and incidents to campus security or through the Student Life Director at (719)846-5517 on the Trinidad Campus or the Dean of Students on the Valley Campus at (719)589-7050.

If there is an eminent threat or concern, please contact local law enforcement or call 911.

STUDENT RIGHT TO KNOW

In accordance with Title I of Public Law 101-542, information about graduation rates is available on the TSJC website or from the Office of Institutional Research; additional graduation data is also available at the Colorado Department of Higher Education website.

FACTA NOTIFICATION TO STUDENTS

FACTA Notification to Students In accordance with the Fair and Accurate Credit Transactions Act (FACTA) of 2003, TSJC adheres to the Federal Trade Commission's (FTC) Red Flag Rule (A Red Flag is any pattern, practice, or specific activity that indicates the possible existence of identity theft.), which implements Section 114 of the FACTA and to the Colorado Community College System's Identity Theft Prevention and Detection Program, which is intended to prevent, detect and mitigate identity theft.

For more information on the steps that consumers can take to protect themselves against Identity Theft visit Trinidadstate.edu. Contact Christy Holden, Registrar, for reporting identity theft concerns.

VOTER REGISTRATION INFORMATION

TSJC fully supports and advocates that students and staff register to vote. Voter registration forms are available on the Colorado Secretary of State website at <https://www.sos.state.co.us/voter-classic/secuRegVoterIntro.do>.

SMOKING POLICY

Smoking is prohibited in all College buildings as directed by the Governor's Executive Order D0036.90. Smoking is also prohibited at all doorway entrances. Specified outdoor smoking areas have been identified on the Valley Campus. Smoking is prohibited within 25 feet of doorways and buildings.



Areas of Study...

ASSOCIATE OF ARTS (AA)

This degree is designed for students who wish to transfer into a bachelor's degree program, with junior standing, in the arts, humanities, social or behavioral sciences, or one of the professional fields with such disciplines as its base.

ASSOCIATE OF SCIENCE (AS)

This degree is designed for students who wish to transfer into a bachelor's degree program, with junior standing, in one of the mathematical, biological, physical sciences, or one of the professional fields with such disciplines as its base.

ASSOCIATE OF GENERAL STUDIES (AGS)

The Associate of General Studies degree curriculum is designed for students who want to complete a broad program of both career/technical and academic transfer courses without the constraints of specialization, or for those students desiring a specific mix of career/technical and traditional academic transfer courses. Transferability of the Associate of General Studies degree depends upon the courses taken and the receiving institution.

The Associate of General Studies degree program requires a minimum of 30 credit hours of general education courses including 25 of these credit hours in prescribed general education courses. An additional 30 credit hours of electives, in Career and Technical Education courses or any other area of interest is required. This is an excellent degree completion option for certificate holders where no AAS is available.

ASSOCIATE OF APPLIED SCIENCE (AAS)

This degree, with a specific occupational field, is designed to prepare individuals in skilled and/or paraprofessional

occupations or to upgrade/enhance their employment. These degree programs are not intended for transfer to bachelor's degree programs; however, some AAS degrees and certain courses may be accepted toward a bachelor's degree at various institutions. Many Articulation Agreements exist between Trinidad State Junior College and four year institutions. The required general education component for the Associate of Applied Science degree is a minimum of 15 semester hours.

TIME LIMITATIONS ON CREDIT EARNED TOWARD AN ASSOCIATE DEGREE OR CERTIFICATE

Courses completed may apply toward an Associate Degree or Certificate at Trinidad State Junior College. The College also reserves the right to examine all credits to determine obsolescence of content. In the event that course work is found to be obsolete, the student may be required to update the credit.

WITHDRAWAL FROM COLLEGE

To leave the College in good standing, a student must first consult with his/her advisor and a staff member in the Office of Student Services. The student must then secure written clearance from each instructor, the program advisor, the Librarian, Business Office and the Financial Aid Office. When clearance from the above individuals or offices is obtained, the signed clearance document is to be returned to the Student Services Office.

CO-CURRICULAR ACTIVITIES

Since there are only freshmen and sophomores at a community college, each student has an unusual opportunity not only to participate in, but also to experience leadership in clubs, music, dramatics, publications, and athletics. These varied activities are considered an integral part of campus life and are therefore kept inexpensive and, in most cases, entirely free.



AREAS OF ACADEMIC TRANSFER EMPHASIS FOR AA AND AS

AREA OF STUDY	ASSOCIATE OF ARTS	ASSOCIATE OF SCIENCE	DEGREES OF DESIGNATION
Agriculture Business		✓	✓
Animal Science		✓	✓
Anthropology	✓		✓
Art	✓		
Biology		✓	
Business Administration	✓		✓
Chemistry		✓	
Communications	✓		
Criminal Justice	✓		✓
Early Childhood Education	✓		
Economics	✓		✓
Elementary Education	✓		
English	✓		
French	✓		✓
General Exercise Science & Sport	✓		
Geography	✓		
Geology		✓	
History	✓		✓
Liberal Arts	✓	✓	
Mathematics		✓	✓
Music	✓		
Natural Resources		✓	
Philosophy	✓		
Physics		✓	
Political Science	✓		✓
Pre-Engineering		✓	
Pre-Medical/Dental/Physical Therapy		✓	
Pre-Pharmacy		✓	
Pre-Veterinary		✓	
Psychology	✓	✓	✓
Sociology	✓		✓
Soil & Crop Sciences		✓	✓
Spanish	✓		✓
Theater	✓		

AREAS OF AAS DEGREES AND/OR CERTIFICATES

PROGRAM	DEGREE	CERTIFICATE	TRINIDAD	VALLEY
Addictions Counseling	✓			
Certified Addictions Counseling Level I Certificate		✓		✓
Certified Addictions Counseling Level II Certificate		✓		✓
Administrative Medical Assistant	✓			
Administrative Medical Assistant Certificate		✓		✓
Agribusiness/Agriculture Technology	✓			
Advanced Ag Science Certificate		✓		✓
Ag Business Certificate		✓		✓
Ag Mechanics Certificate		✓		✓
Animal Science Certificate		✓		✓
Crop Science Certificate		✓		✓
Aquaculture	✓			
Aquaculture Certificate		✓		✓
Aquaculture Technology Certificate		✓		✓
Automotive Service Technology	✓		✓	✓
Automotive Service Technology Certificate		✓	✓	✓
Business Management	✓		✓	✓
Accounting Clerk Certificate		✓	✓	✓
Basic Job Skills Certificate		✓	✓	
Business Management Certificate		✓	✓	✓
Entrepreneurial Operations Certificate		✓	✓	✓
Graphic Design Certificate		✓	✓	✓
Office Basics Certificate		✓		✓
Office Professional Certificate		✓		✓
Team Leadership Certificate		✓	✓	
Construction Technology				
Construction Technology Certificate				
Basic Construction Technology Certificate				
Construction Layout and Blueprint Certificate		✓		✓
Interior and Exterior Carpentry Certificate		✓		✓
Cosmetology		✓		✓
Barber Certificate		✓		✓
Cosmetology Certificate		✓	✓	✓
Esthetician Certificate		✓	✓	✓
Hairstylist Certificate		✓	✓	✓
Manicurist Certificate		✓	✓	✓
Criminal Justice	✓		✓	✓
Colorado Law Enforcement Training Academy (CLETA)		✓		✓

AREAS OF AAS DEGREES AND/OR CERTIFICATES CONTINUED

PROGRAM	DEGREE	CERTIFICATE	TRINIDAD	VALLEY
Diesel Technology - EPIC	✓		✓	✓
Diesel Certificate		✓	✓	✓
Early Childhood	✓		✓	✓
Early Childhood Teacher		✓	✓	✓
Infant/Toddler Supervisor Certificate		✓	✓	✓
Director of Education Certificate		✓	✓	✓
Emergency Medical Services	✓		✓	✓
EMT Basic Certificate		✓	✓	✓
EMT Intermediate Certificate		✓	✓	✓
Heavy Equipment – EPIC	✓		✓	
Heavy Equipment Certificate		✓	✓	
Gunsmithing	✓		✓	
Gunsmithing Certificate		✓	✓	
Gunsmithing Technician Certificate		✓	✓	
Line Technician	✓		✓	
Power Construction Supervision Degree	✓		✓	
Rocky Mountain Line Technician Certificate		✓	✓	
Southern Colorado Line Technician Certificate		✓	✓	
Manufacturing Technology				
Mini-CNC Machining Certificate		✓	✓	✓
Mini Manual Machining Certificate		✓	✓	✓
Massage Therapy and Holistic Health	✓		✓	✓
Health and Wellness Certificate		✓	✓	✓
Herbology Certificate		✓	✓	✓
Massage Therapy Certificate		✓	✓	✓
Reflexology Certificate		✓	✓	✓
Nursing	✓		✓	✓
Nurse Aide Certificate		✓	✓	✓
Long Term Care		✓	✓	✓
Level I Practical Nursing		✓	✓	✓
Level II Registered Nurse		✓	✓	✓
Occupational Safety & Health	✓		✓	
Occupational Safety & Health Certificate		✓	✓	
Welding Technology – EPIC	✓		✓	✓
Welding Technology Certificate		✓	✓	✓



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Associate of Arts Degree (AA)

Program: Anthropology



GRADUATION REQUIREMENTS

General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

Mission Statement:

The mission of the Social and Behavioral Sciences Program is to promote individual, social, and political awareness; to encourage civic engagement; and to develop ethical and empathetic global citizens within a changing and complex world.

Program Learning Outcomes:

- Demonstrate an understanding of theories and their practical application within the sciences of Psychology, Sociology, Economics, and Anthropology.
- Use technologies appropriately to conduct research in order to evaluate and manage information.
- Identify and apply methods, such as observation, hypothesis development, experimentation, evaluation of evidence or measurement, and data collection, used by social scientists to study human behavior.

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours
ENG 121 English Composition I 3 ENG 122 English Composition II 3 COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication 3	<i>9 credits in two different areas, 1 must be a History</i> History: HIS 101 Western Civ: Antiquity-1650 3 HIS 102 Western Civ: 1650-Present 3 HIS 121 U.S. History to Reconstruction 3 HIS 122 U.S. History since Civil War 3
Mathematics 4 credit hours minimum MAT 120 Mathematics for Liberal Arts 4 MAT 121 College Algebra - required course 4 MAT 135 Intro to Statistics 3 MAT 166 Pre-Calculus 5 MAT 201 Calculus I 5 MAT 202 Calculus II 5	Economic and Political Systems: ECO 201 Principles of Macroeconomics 3 ECO 202 Principles of Microeconomics 3 POS 105 Introduction to Political Science 3 POS 111 American Government 3 POS 205 International Relations 3
Physical and Life Sciences 8 - 10 credit hours AST 101 Astronomy I 4 AST 102 Astronomy II 4 BIO 105 Science of Biology 4 BIO 111 General College Biology I 5 BIO 112 General College Biology II 5 BIO 201 Human Anatomy & Physiology I 4 BIO 202 Human Anatomy & Physiology II 4 BIO 204 Microbiology 4 BIO 220 General Zoology 5 BIO 221 Botany 5 CHE 101 Introduction to Chemistry I 5 CHE 102 Introduction to Chemistry II 5 CHE 111 General College Chemistry I 5 CHE 112 General College Chemistry II 5 ENV 101 Environmental Science 4 GEY 111 Physical Geology 4 GEY 112 Historical Geology 4 PHY 105 Conceptual Physics 4 PHY 111 Physics: Algebra-Based I 5 PHY 112 Physics: Algebra-Based II 5 PHY 211 Physics: Calculus-Based I 5 PHY 212 Physics: Calculus-Based II 5	Geography: GEO 105 World Regional Geography 3 Human Behavior and Social Systems: ANT 101 Cultural Anthropology 3 ANT 111 Physical Anthropology 3 PSY 101 General Psychology I 3 PSY 102 General Psychology II 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 249 Abnormal Psychology 3 SOC 101 Introduction to Sociology 3 SOC 102 Introduction to Sociology II 3 SOC 205 Sociology of Family Dynamics 3
<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>	

Continued on next page

Anthropology Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 21 credits from list below</i>	21 credit hours
Arts:		ANT 101 Cultural Anthropology - required course	3
ART 110 Art Appreciation	3	ANT 107 Introduction to Archaeology - required course	3
ART 111 Art History I	3	ANT 111 Physical Anthropology - required course	3
ART 112 Art History II	3	ANT 201 Forensic Anthropology - required course	3
MUS 120 Music Appreciation	3	<i>Please select 9 additional hours of electives **</i>	
MUS 121 Music History I	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Art



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The Arts and Humanities Program develops curriculum and delivers instruction to stimulate intellectual and imaginative curiosity; critical and creative thinking; and varied means of expression to prepare culturally literate, ethical, and civically-engaged citizens for a global and technologically sophisticated world through interdisciplinary education.

Program Learning Outcomes:

- Demonstrate proficiency in applying concepts and terminologies related to major movements, genres, artists, thinkers, theories, and forms.
- Demonstrate proficiency with creative or communicative processes within the arts and humanities.
- Exhibit an appreciation of the arts and humanities within their cultural, historical, contemporary and global context.
- Demonstrate technical skills in areas of application within the arts and humanities.
- Demonstrate an aesthetic appreciation for, and critical analysis of, visual, musical, or other non-verbal forms of expression within the arts and humanities.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours				Social & Behavioral Sciences 9 credit hours			
ENG 121	English Composition I		3	<i>9 credits in two different areas, 1 must be a History</i>			
ENG 122	English Composition II		3	History:			
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication		3	HIS 101	Western Civ: Antiquity-1650		3
Mathematics 3 credit hours minimum				HIS 102	Western Civ: 1650-Present		3
MAT 120	Math for Liberal Arts		4	HIS 121	U.S. History to Reconstruction		3
MAT 121	College Algebra		4	HIS 122	U.S. History since Civil War		3
MAT 122	Trigonometry		3	Economic and Political Systems:			
MAT 135	Intro to Statistics		3	ECO 201	Principles of Macroeconomics		3
MAT 166	Pre-Calculus		5	ECO 202	Principles of Microeconomics		3
MAT 201	Calculus I		5	POS 105	Introduction to Political Science		3
MAT 202	Calculus II		5	POS 111	American Government		3
Physical and Life Sciences 8 - 10 credit hours				POS 205	International Relations		3
AST 101	Astronomy I		4	Geography:			
AST 102	Astronomy II		4	GEO 105	World Regional Geography		3
BIO 105	Science of Biology		4	Human Behavior and Social Systems:			
BIO 111	General College Biology I		5	ANT 101	Cultural Anthropology		3
BIO 112	General College Biology II		5	ANT 111	Physical Anthropology		3
BIO 201	Human Anatomy & Physiology I		4	PSY 101	General Psychology I		3
BIO 202	Human Anatomy & Physiology II		4	PSY 102	General Psychology II		3
BIO 204	Microbiology		4	PSY 226	Social Psychology		3
BIO 220	General Zoology		5	PSY 227	Psychology of Death and Dying		3
BIO 221	Botany		5	PSY 235	Human Growth and Development		3
CHE 101	Introduction to Chemistry I		5	PSY 238	Child Development		3
CHE 102	Introduction to Chemistry II		5	PSY 249	Abnormal Psychology		3
CHE 111	General College Chemistry I		5	SOC 101	Introduction to Sociology		3
CHE 112	General College Chemistry II		5	SOC 102	Introduction to Sociology II		3
ENV 101	Environmental Science		4	SOC 205	Sociology of Family Dynamics		3
GEY 111	Physical Geology		4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>			
GEY 112	Historical Geology		4				
PHY 105	Conceptual Physics		4				
PHY 111	Physics: Algebra-Based I		5				
PHY 112	Physics: Algebra-Based II		5				
PHY 211	Physics: Calculus-Based I		5				
PHY 212	Physics: Calculus-Based II		5				
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>							

Continued on next page

Art Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		ART 121 Drawing I	3
ART 110 Art Appreciation	3	ART 221 Drawing II	3
ART 111 Art History I - required course	3	ART 124 Watercolor I	3
ART 112 Art History II - required course	3	ART 224 Watercolor II	3
MUS 120 Music Appreciation	3	ART 154 Sculpture I	3
MUS 121 Music History I	3	ART 151 Painting I	3
MUS 122 Music History II	3	ART 251 Painting II	3
MUS 123 Survey of World Music	3	ART 239 Digital Photography II	3
THE 105 Theater Appreciation	3	ART 145 Digital Darkroom	3
THE 211 Development of Theatre I	3	ART 155 Portraiture	3
THE 212 Development of Theatre II	3	ART 161 Ceramics I	3
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Business Administration



GRADUATION REQUIREMENTS	
General Education	40 ¹
Major Requirements	20
Total Credit Hours Required	60

General Education Requirements 40¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
8 credit hours		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra - required course	4	HIS 122 U.S. History since Civil War	3
MAT 135 Intro to Statistics	3	Economic and Political Systems:	
MAT 125 Survey of Calculus - required course	4	ECO 201 Principles of Macroeconomics - required course	3
MAT 201 Calculus I	5	ECO 202 Principles of Microeconomics - required course	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences		POS 111 American Government	3
8 - 10 credit hours		Geography:	
AST 101 Astronomy I	4	GEO 105 World Regional Geography	3
AST 102 Astronomy II	4	Human Behavior and Social Systems:	
BIO 105 Science of Biology	4	ANT 101 Cultural Anthropology	3
BIO 111 General College Biology I	5	ANT 111 Physical Anthropology	3
BIO 112 General College Biology II	5	PSY 101 General Psychology I	3
BIO 201 Human Anatomy & Physiology I	4	PSY 102 General Psychology II	3
BIO 202 Human Anatomy & Physiology II	4	PSY 235 Human Growth and Development	3
BIO 204 Microbiology	4	SOC 101 Introduction to Sociology	3
BIO 220 General Zoology	5	SOC 102 Introduction to Sociology II	3
BIO 221 Botany	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 101 Introduction to Chemistry I	5		
CHE 102 Introduction to Chemistry II	5		
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Business Administration Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 20 credits from list below</i>	20 credit hours
Arts:		ACC 121 Principles of Accounting I - required course	4
ART 110 Art Appreciation	3	ACC 122 Principles of Accounting II - required course	4
ART 111 Art History I	3	BUS 115 Introduction to Business - required course	3
ART 112 Art History II	3	BUS 226 Business Statistics - required course	3
MUS 120 Music Appreciation	3	BUS 216 Legal Environment of Business - required course	3
MUS 121 Music History I	3	BUS 217 Bus. Communication & Report Writ. - required course	3
MUS 122 Music History II	3	CIS 118 Introduction to PC Applications	3
MUS 123 Survey of World Music	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 124 Theater Appreciation	3		
THE 105 Development of Theatre I	3		
THE 211 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Communication



GRADUATION REQUIREMENTS	
General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The mission of the Communications Program is to achieve proficiency in English in the following areas: reading, writing, speaking, and listening. We prepare our students to read at the college level, to express themselves coherently in written and oral modalities, and to understand communications made by others.

Program Learning Outcomes:

- Demonstrate effective communication skills appropriate for our multicultural and diverse society.
- Recognize ethical responsibilities to community, society, discipline, and profession based on standards of ethical communication.
- Acquire analytical and critical thinking skills related to communication.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication - required course	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics 3 credit hours minimum		HIS 102 Western Civ: 1650-Present	3
MAT 120 Math for Liberal Arts	4	HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra	4	HIS 122 U.S. History since Civil War	3
MAT 122 Trigonometry	3	Economic and Political Systems:	
MAT 135 Intro to Statistics	3	ECO 201 Principles of Macroeconomics	3
MAT 166 Pre-Calculus	5	ECO 202 Principles of Microeconomics	3
MAT 201 Calculus I	5	POS 105 Introduction to Political Science	3
MAT 202 Calculus II	5	POS 111 American Government	3
Physical and Life Sciences 8 - 10 credit hours		POS 205 International Relations	3
AST 101 Astronomy I	4	Geography:	
AST 102 Astronomy II	4	GEO 105 World Regional Geography	3
BIO 105 Science of Biology	4	Human Behavior and Social Systems:	
BIO 111 General College Biology I	5	ANT 101 Cultural Anthropology	3
BIO 112 General College Biology II	5	ANT 111 Physical Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	PSY 101 General Psychology I	3
BIO 202 Human Anatomy & Physiology II	4	PSY 102 General Psychology II	3
BIO 204 Microbiology	4	PSY 227 Psychology of Death and Dying	3
BIO 220 General Zoology	5	PSY 235 Human Growth and Development	3
BIO 221 Botany	5	PSY 238 Child Development	3
CHE 101 Introduction to Chemistry I	5	PSY 249 Abnormal Psychology	3
CHE 102 Introduction to Chemistry II	5	SOC 101 Introduction to Sociology	3
CHE 111 General College Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 112 General College Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
ENV 101 Environmental Science	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Communications Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		COM 115 Public Speaking - required course	3
ART 110 Art Appreciation	3	COM 125 Interpersonal Communication - required course	3
ART 111 Art History I	3	COM 217 Group Communication - required course	3
ART 112 Art History II	3	COM 220 Intercultural Communication - required course	3
MUS 120 Music Appreciation	3	10 additional credits**	
MUS 121 Music History I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Criminal Justice



GRADUATION REQUIREMENTS	
General Education	36 ¹
Major Requirements	24
Total Credit Hours Required	60

Mission Statement:

The Criminal Justice program prepares students for careers in law enforcement, corrections, and social services by providing curriculum related to upholding social control, deterring and mitigating crime, and sanctioning those who violate laws with criminal penalties and rehabilitation efforts.

Program Learning Outcomes:

- Analyze the philosophical underpinnings of Criminal and Civil Law including the rules of evidence.
- Explain the functions and role of various criminal justice practitioners in the operation of an ethical and professional system of justice that exists within a diverse society.
- Describe the function of criminal justice, including the system’s principles, agencies, and processes.
- Describe problems associated with effecting justice in a diverse and stratified society.

General Education Requirements 36¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours	
ENG 121 English Composition I 3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II 3		
COM 115 Public Speaking or 125 Interpersonal Communication 3		
Mathematics 4 credit hours minimum		
MAT 120 Math for Liberal Arts 4	History:	
MAT 121 College Algebra - required course 4	HIS 101 Western Civ: Antiquity-1650 3	
MAT 122 Trigonometry 3	HIS 102 Western Civ: 1650-Present 3	
MAT 135 Intro to Statistics 3	HIS 121 U.S. History to Reconstruction 3	
MAT 166 Pre-Calculus 5	HIS 122 U.S. History since Civil War 3	
MAT 201 Calculus I 5	Economic and Political Systems:	
MAT 202 Calculus II 5	ECO 201 Principles of Macroeconomics 3	
Physical and Life Sciences 8 - 10 credit hours		
AST 101 Astronomy I 4	ECO 202 Principles of Microeconomics 3	
AST 102 Astronomy II 4	POS 105 Introduction to Political Science 3	
BIO 105 Science of Biology 4	POS 111 American Government 3	
BIO 111 General College Biology I 5	POS 205 International Relations 3	
BIO 112 General College Biology II 5	Geography:	
BIO 201 Human Anatomy & Physiology I 4	GEO 105 World Regional Geography 3	
BIO 202 Human Anatomy & Physiology II 4	Human Behavior and Social Systems:	
BIO 204 Microbiology 4	ANT 101 Cultural Anthropology 3	
BIO 220 General Zoology 5	ANT 111 Physical Anthropology 3	
BIO 221 Botany 5	PSY 101 General Psychology I 3	
CHE 101 Introduction to Chemistry I 5	PSY 102 General Psychology II 3	
CHE 102 Introduction to Chemistry II 5	PSY 227 Psychology of Death and Dying 3	
CHE 111 General College Chemistry I 5	PSY 235 Human Growth and Development 3	
CHE 112 General College Chemistry II 5	PSY 238 Child Development 3	
ENV 101 Environmental Science 4	PSY 249 Abnormal Psychology 3	
GEY 111 Physical Geology 4	SOC 101 Introduction to Sociology - required course 3	
GEY 112 Historical Geology 4	SOC 102 Introduction to Sociology II 3	
PHY 105 Conceptual Physics 4	SOC 205 Sociology of Family Dynamics 3	
PHY 111 Physics: Algebra-Based I 5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112 Physics: Algebra-Based II 5		
PHY 211 Physics: Calculus-Based I 5		
PHY 212 Physics: Calculus-Based II 5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>		

Continued on next page

Criminal Justice Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 15 CRJ credits from list below</i>	24 credit hours
Arts:		CRJ 110 Introduction to Criminal Justice - required course	3
ART 110 Art Appreciation	3	CRJ 125 Policing Systems - required course	3
ART 111 Art History I	3	CRJ 135 Judicial Functions	3
ART 112 Art History II	3	CRJ 145 Correctional Process - required course	3
MUS 120 Music Appreciation	3	CRJ 230 Criminology	3
MUS 121 Music History I	3	CRJ 209 Criminal Investigation I	3
MUS 122 Music History II	3	CRJ 257 Victimology	3
MUS 123 Survey of World Music	3	<i>Choose three (3) courses from the following**</i>	
THE 105 Theater Appreciation	3	ANT 201 Introduction to Forensic Anthropology	3
THE 211 Development of Theatre I	3	POS 111 American Government	3
THE 212 Development of Theatre II	3	POS 125 American/State and Local Government	3
SPA 211 Spanish Language III	3	PSY 207 Introduction to Forensic Psychology	3
SPA 212 Spanish Language IV	3	PSY 249 Abnormal Psychology	3
		PSY 226 Social Psychology	3
		SOC 231 Sociology of Deviant Behavior	3
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Early Childhood Teacher Education



GRADUATION REQUIREMENTS	
General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The mission of the Early Childhood Education Program is to provide all early learning professionals the knowledge, skills and dispositions needed to implement quality early education while fostering the professional's career opportunities and responding effectively to the workforce needs of our diverse communities.

Program Learning Outcomes:

- Identify, articulate, and implement developmentally appropriate health, nutrition and safety standards and procedures for children ages birth through 8.
- Plan curriculum to meet each child's cognitive, physical, social and emotional needs in a developmentally appropriate manner.
- Demonstrate an understanding of typical and atypical child development, including physical, social-emotional, cognitive domains from birth through age 8.
- Demonstrate ability to observe, assess and document individual student's behaviors in a developmentally appropriate manner.
- Demonstrate ability to assess learning environments in a developmentally appropriate manner.
- Identify and implement techniques to build partnerships with families, community and schools in ways that introduce and share information, resources, and referrals, as well as include parents and community as partners in the learning environment.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours				Social & Behavioral Sciences 9 credit hours			
ENG 121	English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>				
ENG 122	English Composition II	3					
COM 115	Public Speaking	3					
Mathematics 6 credit hours minimum				History:			
MAT 120	Math for Liberal Arts or - required course	4	HIS 101	Western Civ: Antiquity-1650	3		
MAT 121	College Algebra and - required course	4	HIS 102	Western Civ: 1650-Present	3		
MAT 122	Trigonometry	3	HIS 121	U.S. History to Reconstruction - required course	3		
MAT 135	Intro to Statistics or - required course	3	HIS 122	U.S. History since Civil War	3		
MAT 166	Pre-Calculus	5	Economic and Political Systems:				
MAT 201	Calculus I	5	ECO 201	Principles of Macroeconomics	3		
MAT 202	Calculus II	5	ECO 202	Principles of Microeconomics	3		
MAT 155	Integrated Math I - required course	3	POS 105	Introduction to Political Science	3		
MAT 156	Integrated Math II - required course	3	POS 111	American Government - required course	3		
			POS 205	International Relations	3		
Physical and Life Sciences 8 - 10 credit hours				Geography:			
AST 101	Astronomy I	4	GEO 105	World Regional Geography - required course	3		
AST 102	Astronomy II	4	Human Behavior and Social Systems:				
BIO 105	Science of Biology	4	ANT 101	Cultural Anthropology	3		
BIO 111	General College Biology I	5	ANT 111	Physical Anthropology	3		
BIO 112	General College Biology II	5	PSY 101	General Psychology I	3		
BIO 201	Human Anatomy & Physiology I	4	PSY 102	General Psychology II	3		
BIO 202	Human Anatomy & Physiology II	4	PSY 227	Psychology of Death and Dying II	3		
BIO 204	Microbiology	4	PSY 235	Human Growth and Development	3		
BIO 220	General Zoology	5	PSY 238	Child Development	3		
BIO 221	Botany	5	PSY 249	Abnormal Psychology	3		
CHE 101	Introduction to Chemistry I	5	SOC 101	Introduction to Sociology	3		
CHE 102	Introduction to Chemistry II	5	SOC 102	Introduction to Sociology II	3		
CHE 111	General College Chemistry I	5	SOC 205	Sociology of Family Dynamics	3		
CHE 112	General College Chemistry II	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>				
ENV 101	Environmental Science	4					
GEY 111	Physical Geology	4					
GEY 112	Historical Geology	4					
PHY 105	Conceptual Physics	4					
PHY 111	Physics: Algebra-Based I	5					
PHY 112	Physics: Algebra-Based II	5					
PHY 211	Physics: Calculus-Based I	5					
PHY 212	Physics: Calculus-Based II	5					
SCI 155	Integrated Science I - required course	4					
SCI 156	Integrated Science II - required course	4					

Continued on next page

Early Childhood Teacher Education Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		ECE 101 Introduction to Early Childhood Education - required course	3
ART 110 Art Appreciation - required course	3	ECE 202 Intro to Early Childhood Lab - required course	3
ART 111 Art History I	3	ECE 103 Guidance Strategies for Young Child	3
ART 112 Art History II	3	ECE 205 Nutrition, Health and Safety - required course	3
MUS 120 Music Appreciation	3	ECE 225 Language & Cognition	3
MUS 121 Music History I	3	ECE 238 Child Growth & Development - required course	3
MUS 122 Music History II	3	ECE 241 Human Relations for Child Development - required course	3
MUS 123 Survey of World Music	3	LIT 255 Children's Literature	3
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
LIT 115 Introduction to Literature - required course	3		
LIT 201 World Literature to 1600	3		
LIT 202 World Literature after 1600	3		
LIT 211 American Literature to Civil War	3		
LIT 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)**Program: Economics****GRADUATION REQUIREMENTS**

General Education	40 ¹
Major Requirements	20
Total Credit Hours Required	60

Mission Statement:

The mission of the Social and Behavioral Sciences Program is to promote individual, social, and political awareness; to encourage civic engagement; and to develop ethical and empathetic global citizens within a changing and complex world.

Program Learning Outcomes:

- Demonstrate an understanding of theories and their practical application within the sciences of Psychology, Sociology, Economics, and Anthropology.
- Use technologies appropriately to conduct research in order to evaluate and manage information.
- Identify and apply methods, such as observation, hypothesis development, experimentation, evaluation of evidence or measurement, and data collection, used by social scientists to study human behavior.

General Education Requirements 40¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours				Social & Behavioral Sciences 9 credit hours			
ENG 121	English Composition I		3	<i>9 credits in two different areas, 1 must be a History</i>			
ENG 122	English Composition II		3	History:			
COM 115	Public Speaking		3	HIS 101	Western Civ: Antiquity-1650		3
Mathematics 5 credit hours minimum				HIS 102	Western Civ: 1650-Present		3
MAT 120	Math for Liberal Arts		4	HIS 121	U.S. History to Reconstruction		3
MAT 121	College Algebra		4	HIS 122	U.S. History since Civil War		3
MAT 122	Trigonometry		3	Economic and Political Systems:			
MAT 135	Intro to Statistics		3	ECO 201	Principles of Macroeconomics - required course		3
MAT 166	Pre-Calculus		5	ECO 202	Principles of Microeconomics - required course		3
MAT 201	Calculus I - required course		5	POS 105	Introduction to Political Science		3
MAT 202	Calculus II		5	POS 111	American Government		3
Physical and Life Sciences 8 - 10 credit hours				POS 205	International Relations		3
AST 101	Astronomy I		4	Geography:			
AST 102	Astronomy II		4	GEO 105	World Regional Geography		3
BIO 105	Science of Biology		4	Human Behavior and Social Systems:			
BIO 111	General College Biology I		5	ANT 101	Cultural Anthropology		3
BIO 112	General College Biology II		5	ANT 111	Physical Anthropology		3
BIO 201	Human Anatomy & Physiology I		4	PSY 101	General Psychology I		3
BIO 202	Human Anatomy & Physiology II		4	PSY 102	General Psychology II		3
BIO 204	Microbiology		4	PSY 227	Psychology of Death and Dying		3
BIO 220	General Zoology		5	PSY 235	Human Growth and Development		3
BIO 221	Botany		5	PSY 238	Child Development		3
CHE 101	Introduction to Chemistry I		5	PSY 249	Abnormal Psychology		3
CHE 102	Introduction to Chemistry II		5	SOC 101	Introduction to Sociology		3
CHE 111	General College Chemistry I		5	SOC 102	Introduction to Sociology II		3
CHE 112	General College Chemistry II		5	SOC 205	Sociology of Family Dynamics		3
ENV 101	Environmental Science		4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>			
GEY 111	Physical Geology		4				
GEY 112	Historical Geology		4				
PHY 105	Conceptual Physics		4				
PHY 111	Physics: Algebra-Based I		5				
PHY 112	Physics: Algebra-Based II		5				
PHY 211	Physics: Calculus-Based I		5				
PHY 212	Physics: Calculus-Based II		5				

The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.

Continued on next page

Economics Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 20 credits from list below</i>	20 credit hours
<p>Arts:</p> <p>ART 110 Art Appreciation 3</p> <p>ART 111 Art History I 3</p> <p>ART 112 Art History II 3</p> <p>MUS 120 Music Appreciation 3</p> <p>MUS 121 Music History I 3</p> <p>MUS 122 Music History II 3</p> <p>MUS 123 Survey of World Music 3</p> <p>THE 105 Theater Appreciation 3</p> <p>THE 211 Development of Theatre I 3</p> <p>THE 212 Development of Theatre II 3</p> <p>SPA 211 Spanish Language III 3</p> <p>SPA 212 Spanish Language IV 3</p> <p>Literature & Humanities:</p> <p>HUM 115 World Mythology 3</p> <p>HUM 121 Humanities Early Civilizations 3</p> <p>HUM 122 Humanities Medieval to Modern 3</p> <p>HUM 123 Humanities Modern World 3</p> <p>LIT 115 Introduction to Literature 3</p> <p>LIT 201 World Literature to 1600 3</p> <p>LIT 202 World Literature after 1600 3</p> <p>LIT 211 American Literature to Civil War 3</p> <p>LIT 212 American Literature after Civil War 3</p> <p>Ways of Thinking:</p> <p>PHI 111 Introduction to Philosophy 3</p> <p>PHI 112 Ethics 3</p> <p>PHI 113 Logic 3</p> <p>PHI 214 Philosophy of Religion 3</p>		<p>MAT 135 Statistics - required course 3</p> <p>17 additional credits**</p> <p><i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i></p>	<p>3</p>



Associate of Arts Degree (AA)

Program: Elementary Teacher Education



GRADUATION REQUIREMENTS	
General Education	41 ¹
Major Requirements	19
Total Credit Hours Required	60

Mission Statement:

The mission of the Education Program is to provide a foundation for thinking critically about teaching and learning, and to promote appreciation of diversity among all types of learners.

Program Learning Outcomes:

- Demonstrate knowledge of the foundations of education using multiple methods of communication.
- Demonstrate an understanding of theories and their practical application within the topics of teaching and learning.
- Demonstrate an understanding of the diverse people and groups that make up the U.S. educational system.

General Education Requirements 41¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
6 credit hours minimum		HIS 121 U.S. History to Reconstruction - required course	3
MAT 120 Math for Liberal Arts	4	HIS 122 U.S. History since Civil War	3
MAT 121 College Algebra	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	ECO 201 Principles of Macroeconomics	3
MAT 135 Intro to Statistics	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I	5	POS 111 American Government - required course	3
MAT 202 Calculus II	5	POS 205 International Relations	3
MAT 155 Integrated Math - required course	3	Geography:	
MAT 156 Integrated Math - required course	3	GEO 105 World Regional Geography - required course	3
Physical and Life Sciences		Human Behavior and Social Systems:	
8 - 10 credit hours		ANT 101 Cultural Anthropology	3
AST 101 Astronomy I	4	ANT 111 Physical Anthropology	3
AST 102 Astronomy II	4	PSY 101 General Psychology I	3
BIO 105 Science of Biology	4	PSY 102 General Psychology II	3
BIO 111 General College Biology I	5	PSY 227 Psychology of Death and Dying	3
BIO 112 General College Biology II	5	PSY 235 Human Growth and Development	3
BIO 201 Human Anatomy & Physiology I	4	PSY 238 Child Development	3
BIO 202 Human Anatomy & Physiology II	4	PSY 249 Abnormal Psychology	3
BIO 204 Microbiology	4	SOC 101 Introduction to Sociology	3
BIO 220 General Zoology	5	SOC 102 Introduction to Sociology II	3
BIO 221 Botany	5	SOC 205 Sociology of Family Dynamics	3
CHE 101 Introduction to Chemistry I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 102 Introduction to Chemistry II	5		
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
SCI 155 Integrated Science I - required course	4		
SCI 156 Integrated Science II - required course	4		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Elementary Teacher Education Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 19 credits from list below</i>	19 credit hours		
Arts:		CSI 118 Introduction to PC Applications	3		
ART 110 Art Appreciation - required course	3	EDU 121 Introduction to Education - required course	3		
ART 111 Art History I	3	EDU 188 Classroom Observation	1		
ART 112 Art History II	3	LIT 255 Children's Literature	3		
MUS 120 Music Appreciation	3	PSY 238 Child Development - required course	3		
MUS 121 Music History I	3	6 additional credits**			
MUS 122 Music History II	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.			
MUS 123 Survey of World Music	3				
THE 105 Theater Appreciation	3				
THE 211 Development of Theatre I	3				
THE 212 Development of Theatre II	3				
SPA 211 Spanish Language III	3				
SPA 212 Spanish Language IV	3				
Literature & Humanities:					
HUM 115 World Mythology	3				
HUM 121 Humanities Early Civilizations	3				
HUM 122 Humanities Medieval to Modern	3				
HUM 123 Humanities Modern World	3				
LIT 115 Introduction to Literature - required course	3				
LIT 201 World Literature to 1600	3				
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LIT 211 American Literature to Civil War	3				
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Ways of Thinking:					
PHI 111 Introduction to Philosophy	3				
PHI 112 Ethics	3				
PHI 113 Logic	3				
PHI 214 Philosophy of Religion	3				



<h2 style="margin: 0;">Associate of Arts Degree (AA)</h2> <h3 style="margin: 0;">Program: English</h3>		GRADUATION REQUIREMENTS General Education 38 ¹ Major Requirements 22 Total Credit Hours Required 60
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Mission Statement:

The English Program prepares students to express themselves in written form at a level that will allow success in higher education, careers, and adult life.

Program Learning Outcomes:

- Demonstrate effective communication skills appropriate for our multicultural and diverse society.
- Recognize ethical responsibilities to community, society, discipline, and profession based on standards of ethical communication.
- Acquire analytical and critical thinking skills related to communication.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours																																																																								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">ENG 121</td> <td style="width: 70%;">English Composition I</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>ENG 122</td> <td>English Composition II</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COM 115</td> <td>Public Speaking, or 125 Interpersonal Communication or 220 Intercultural Communication</td> <td style="text-align: right;">3</td> </tr> </table>	ENG 121	English Composition I	3	ENG 122	English Composition II	3	COM 115	Public Speaking, or 125 Interpersonal Communication or 220 Intercultural Communication	3	<p><i>9 credits in two different areas, 1 must be a History</i></p> <p>History:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">HIS 101</td> <td style="width: 70%;">Western Civ: Antiquity-1650</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>HIS 102</td> <td>Western Civ: 1650-Present</td> <td style="text-align: right;">3</td> </tr> <tr> <td>HIS 121</td> <td>U.S. History to Reconstruction</td> <td style="text-align: right;">3</td> </tr> <tr> <td>HIS 122</td> <td>U.S. History since Civil War</td> <td style="text-align: right;">3</td> </tr> </table> <p>Economic and Political Systems:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">ECO 201</td> <td style="width: 70%;">Principles of Macroeconomics</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>ECO 202</td> <td>Principles of Microeconomics</td> <td style="text-align: right;">3</td> </tr> <tr> <td>POS 105</td> <td>Introduction to Political Science</td> <td style="text-align: right;">3</td> </tr> <tr> <td>POS 111</td> <td>American Government</td> <td style="text-align: right;">3</td> </tr> <tr> <td>POS 205</td> <td>International Relations</td> <td style="text-align: right;">3</td> </tr> </table> <p>Geography:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">GEO 105</td> <td style="width: 70%;">World Regional Geography</td> <td style="width: 20%; text-align: right;">3</td> </tr> </table> <p>Human Behavior and Social Systems:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">ANT 101</td> <td style="width: 70%;">Cultural Anthropology</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>ANT 111</td> <td>Physical Anthropology</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 101</td> <td>General Psychology I</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 102</td> <td>General Psychology II</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 227</td> <td>Psychology of Death and Dying</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 235</td> <td>Human Growth and Development</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 238</td> <td>Child Development</td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 249</td> <td>Abnormal Psychology</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOC 101</td> <td>Introduction to Sociology</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOC 102</td> <td>Introduction to Sociology II</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOC 205</td> <td>Sociology of Family Dynamics</td> <td style="text-align: right;">3</td> </tr> </table>	HIS 101	Western Civ: Antiquity-1650	3	HIS 102	Western Civ: 1650-Present	3	HIS 121	U.S. History to Reconstruction	3	HIS 122	U.S. History since Civil War	3	ECO 201	Principles of Macroeconomics	3	ECO 202	Principles of Microeconomics	3	POS 105	Introduction to Political Science	3	POS 111	American Government	3	POS 205	International Relations	3	GEO 105	World Regional Geography	3	ANT 101	Cultural Anthropology	3	ANT 111	Physical Anthropology	3	PSY 101	General Psychology I	3	PSY 102	General Psychology II	3	PSY 227	Psychology of Death and Dying	3	PSY 235	Human Growth and Development	3	PSY 238	Child Development	3	PSY 249	Abnormal Psychology	3	SOC 101	Introduction to Sociology	3	SOC 102	Introduction to Sociology II	3	SOC 205	Sociology of Family Dynamics	3
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English Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		ENG 221 Creative Writing I	3
ART 110 Art Appreciation	3	ENG 226 Fiction Writing	3
ART 111 Art History I	3	ENG 231 Literary Magazine	3
ART 112 Art History II	3	LIT 201 World Literature to 1600 and/or	3
MUS 120 Music Appreciation	3	LIT 202 World Literature after 1600	3
MUS 121 Music History I	3	LIT 211 American Literature to the Civil War and/or	3
MUS 122 Music History II	3	LIT 212 American Literature after the Civil War	3
MUS 123 Survey of World Music	3	LIT 241 Studies of American Drama	3
THE 105 Theater Appreciation	3	LIT 278 Seminar: English Honors	3
THE 211 Development of Theatre I	3	THE 211 Development of Theater I and/or	3
THE 212 Development of Theatre II	3	THE 212 Development of Theater II	3
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
LIT 115 Introduction to Literature - required course	3		
LIT 201 World Literature to 1600	3		
LIT 202 World Literature after 1600	3		
LIT 211 American Literature to Civil War	3		
LIT 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		

** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.



Associate of Arts Degree (AA)

Program: Exercise Science, Health & Recreation



GRADUATION REQUIREMENTS	
General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

Program Learning Outcomes:

- Demonstrate understanding of the general principles of natural and physical sciences.
- Apply scientific knowledge and skills to real world scenarios.
- Recognize ethical issues and understand the social responsibility involved in scientific decision making.
- Demonstrate effective personal safety.
- Explain the natural and physical world using reflection, qualitative, and quantitative analysis, including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings and communication of the conclusions.

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking, or 125 Interpersonal Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics 4 credit hours minimum		HIS 102 Western Civ: 1650-Present	3
MAT 120 Math for Liberal Arts	4	HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra - required course	4	HIS 122 U.S. History since Civil War	3
MAT 135 Intro to Statistics	3	Economic and Political Systems:	
MAT 166 Pre-Calculus	5	ECO 201 Principles of Macroeconomics	3
MAT 201 Calculus I	5	ECO 202 Principles of Microeconomics	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences 8 - 10 credit hours		POS 111 American Government	3
AST 101 Astronomy I	4	POS 205 International Relations	3
AST 102 Astronomy II	4	Geography:	
BIO 105 Science of Biology	4	GEO 105 World Regional Geography	3
BIO 111 General College Biology I	5	Human Behavior and Social Systems:	
BIO 112 General College Biology II	5	ANT 101 Cultural Anthropology	3
BIO 201 Human Anatomy & Physiology I - required course	4	ANT 111 Physical Anthropology	3
BIO 202 Human Anatomy & Physiology II - required course	4	PSY 101 General Psychology I	3
BIO 204 Microbiology	4	PSY 102 General Psychology II	3
CHE 101 Introduction to Chemistry I	5	PSY 235 Human Growth and Development - required course	3
CHE 102 Introduction to Chemistry II	5	SOC 101 Introduction to Sociology	3
CHE 111 General College Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 112 General College Chemistry II	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Exercise Science, Health & Recreation Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 21 credits from list below</i>	21 credit hours
Arts:		BIO 111 General College Biology I	5
ART 110 Art Appreciation	3	CIS 118 Introduction to PC Applications - required course	3
ART 111 Art History I	3	HPE 100 Introduction to Physical Education & Sport - required course	2
ART 112 Art History II	3	HPE 231 Care & Prevention of Athletic Injuries - required course	3
MUS 120 Music Appreciation	3	PED/REC/HPE (see advisor)**	13
MUS 121 Music History I	3		
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		

*** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.*



Associate of Arts Degree (AA)**Program: French****GRADUATION REQUIREMENTS**

General Education	37 ¹
Major Requirements	23
Total Credit Hours Required	60

General Education Requirements 37¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
		HIS 102 Western Civ: 1650-Present	3
		HIS 121 U.S. History to Reconstruction	3
		HIS 122 U.S. History since Civil War	3
Mathematics	3 credit hours minimum	Economic and Political Systems:	
MAT 120 Math for Liberal Arts	4	ECO 201 Principles of Macroeconomics	3
MAT 121 College Algebra	4	ECO 202 Principles of Microeconomics	3
MAT 122 Trigonometry	3	POS 105 Introduction to Political Science	3
MAT 135 Intro to Statistics	3	POS 111 American Government	3
MAT 166 Pre-Calculus	5	POS 205 International Relations	3
MAT 201 Calculus I	5		
MAT 202 Calculus II	5	Geography:	
Physical and Life Sciences	7 - 10 credit hours	GEO 105 World Regional Geography	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 105 Science of Biology	4	ANT 111 Physical Anthropology	3
BIO 111 General College Biology I	5	PSY 101 General Psychology I	3
BIO 112 General College Biology II	5	PSY 102 General Psychology II	3
BIO 201 Human Anatomy & Physiology I	4	PSY 227 Psychology of Death and Dying	3
BIO 202 Human Anatomy & Physiology II	4	PSY 235 Human Growth and Development	3
BIO 204 Microbiology	4	PSY 238 Child Development	3
BIO 220 General Zoology	5	PSY 249 Abnormal Psychology	3
BIO 221 Botany	5	SOC 101 Introduction to Sociology	3
CHE 101 Introduction to Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 102 Introduction to Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
SCI 105 Science in Society	3		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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French Continued

Arts and Humanities <i>9 credits in two different areas</i>		9 credit hours	Electives** <i>Choose 23 credits from list below</i>	23 credit hours
Arts:			FRE 111 French Language I - required course	5
ART 110	Art Appreciation	3	FRE 112 French Language II - required course	5
ART 111	Art History I	3	Thirteen additional credits**	
ART 112	Art History II	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
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	Theater Appreciation	3		
THE 211	Development of Theatre I	3		
THE 212	Development of Theatre II	3		
FRE 211	French Language III - required course	3		
FRE 212	French Language IV - required course	3		
Literature & Humanities:				
HUM 115	World Mythology	3		
HUM 121	Humanities Early Civilizations	3		
HUM 122	Humanities Medieval to Modern	3		
HUM 123	Humanities Modern World	3		
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 212	American Literature after Civil War	3		
Ways of Thinking:				
PHI 111	Introduction to Philosophy	3		
PHI 112	Ethics	3		
PHI 113	Logic	3		
PHI 214	Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Geography



GRADUATION REQUIREMENTS	
General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking, or 125 Interpersonal Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
3 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 120 Math for Liberal Arts	4	HIS 122 U.S. History since Civil War	3
MAT 121 College Algebra	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	ECO 201 Principles of Macroeconomics	3
MAT 135 Intro to Statistics	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I	5	POS 111 American Government	3
MAT 202 Calculus II	5	POS 205 International Relations	3
Physical and Life Sciences		Geography:	
8 - 10 credit hours		GEO 105 World Regional Geography - required course	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 105 Science of Biology	4	ANT 111 Physical Anthropology	3
BIO 111 General College Biology I	5	PSY 101 General Psychology I	3
BIO 112 General College Biology II	5	PSY 102 General Psychology II	3
BIO 201 Human Anatomy & Physiology I	4	PSY 227 Psychology of Death and Dying	3
BIO 202 Human Anatomy & Physiology II	4	PSY 235 Human Growth and Development	3
BIO 204 Microbiology	4	PSY 238 Child Development	3
BIO 220 General Zoology	5	PSY 249 Abnormal Psychology	3
BIO 221 Botany	5	SOC 101 Introduction to Sociology	3
CHE 101 Introduction to Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 102 Introduction to Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
CHE 111 General College Chemistry I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		

The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.

Continued on next page

Geography Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		GEO 111 Physical Geography-Landforms	4
ART 110 Art Appreciation	3	GEO 112 Physical Geography-Weather & Climate	4
ART 111 Art History I	3	GEO 165 Human Ecology	3
ART 112 Art History II	3	Eleven additional credits**	
MUS 120 Music Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 121 Music History I	3		
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: History



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Program Learning Outcomes:

- Demonstrate how changes in the human experience occur over time and impact the present.
- Demonstrate how to interpret and contextualize primary sources.
- Demonstrate how specific events cause subsequent outcomes.
- Demonstrate how historical events or processes are contingent upon a range of specific conditions.
- Demonstrate how moral, epistemological and causal complexity creates historical ambiguity.
- Demonstrate historical thinking and knowledge using multiple methods of communication.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking, or 125 Interpersonal Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
3 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 120 Math for Liberal Arts	4	HIS 122 U.S. History since Civil War	3
MAT 121 College Algebra	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	ECO 201 Principles of Macroeconomics	3
MAT 135 Intro to Statistics	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I	5	POS 111 American Government	3
MAT 202 Calculus II	5	POS 205 International Relations	3
Physical and Life Sciences		Geography:	
8 - 10 credit hours		GEO 105 World Regional Geography	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 105 Science of Biology	4	ANT 111 Physical Anthropology	3
BIO 111 General College Biology I	5	PSY 101 General Psychology I	3
BIO 112 General College Biology II	5	PSY 102 General Psychology II	3
BIO 201 Human Anatomy & Physiology I	4	PSY 227 Psychology of Death and Dying	3
BIO 202 Human Anatomy & Physiology II	4	PSY 235 Human Growth and Development	3
BIO 204 Microbiology	4	PSY 238 Child Development	3
BIO 220 General Zoology	5	PSY 249 Abnormal Psychology	3
BIO 221 Botany	5	SOC 101 Introduction to Sociology	3
CHE 101 Introduction to Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 102 Introduction to Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
CHE 111 General College Chemistry I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

History Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		HIS 101 Western Civ: Antiquity-1650 or - required course	3
ART 110 Art Appreciation	3	HIS 111 The World: Antiquity-1500 - required course	3
ART 111 Art History I	3	HIS 102 Western Civ:1650-Present or - required course	3
ART 112 Art History II	3	HIS 112 The World: 1500-Present - required course	3
MUS 120 Music Appreciation	3	HIS 121 U.S. History to Reconstruction - required course	3
MUS 121 Music History I	3	HIS 122 U.S. History to Civil War - required course	3
MUS 122 Music History II	3	1 additional gt Pathways History course	3
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Liberal Arts



GRADUATION REQUIREMENTS

General Education	37 ¹
Major Requirements	23
Total Credit Hours Required	60

General Education Requirements 37¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
3 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 120 Math for Liberal Arts	4	HIS 122 U.S. History since Civil War	3
MAT 121 College Algebra	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	ECO 201 Principles of Macroeconomics	3
MAT 135 Intro to Statistics	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I	5	POS 111 American Government	3
MAT 202 Calculus II	5	POS 205 International Relations	3
Physical and Life Sciences		Geography:	
7 - 10 credit hours		GEO 105 World Regional Geography	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 105 Science of Biology	4	ANT 111 Physical Anthropology	3
BIO 111 General College Biology I	5	PSY 101 General Psychology I	3
BIO 112 General College Biology II	5	PSY 102 General Psychology II	3
BIO 201 Human Anatomy & Physiology I	4	PSY 227 Psychology of Death and Dying	3
BIO 202 Human Anatomy & Physiology II	4	PSY 235 Human Growth and Development	3
BIO 204 Microbiology	4	PSY 238 Child Development	3
BIO 220 General Zoology	5	PSY 249 Abnormal Psychology	3
BIO 221 Botany	5	SOC 101 Introduction to Sociology	3
CHE 101 Introduction to Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 102 Introduction to Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
CHE 111 General College Chemistry I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
SCI 105 Science in Society	3		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Liberal Arts Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 23 credits from list below</i>	23 credit hours
Arts:		Twenty-three additional credits**	
ART 110	Art Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>
ART 111	Art History I	3	
ART 112	Art History II	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	Theater Appreciation	3	
THE 211	Development of Theatre I	3	
THE 212	Development of Theatre II	3	
SPA 211	Spanish Language III	3	
SPA 212	Spanish Language IV	3	
Literature & Humanities:			
HUM 115	World Mythology	3	
HUM 121	Humanities Early Civilizations	3	
HUM 122	Humanities Medieval to Modern	3	
HUM 123	Humanities Modern World	3	
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 212	American Literature after Civil War	3	
Ways of Thinking:			
PHI 111	Introduction to Philosophy	3	
PHI 112	Ethics	3	
PHI 113	Logic	3	
PHI 214	Philosophy of Religion	3	



Associate of Arts Degree (AA)

Program: Music



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The Arts and Humanities Program develops curriculum and delivers instruction to stimulate intellectual and imaginative curiosity; critical and creative thinking; and varied means of expression to prepare culturally literate, ethical, and civically-engaged citizens for a global and technologically sophisticated world through interdisciplinary education.

Program Learning Outcomes:

- Demonstrate proficiency in applying concepts and terminologies related to major movements, genres, artists, thinkers, theories, and forms.
- Demonstrate proficiency with creative or communicative processes within the arts and humanities.
- Exhibit an appreciation of the arts and humanities within their cultural, historical, contemporary and global context.
- Demonstrate technical skills in areas of application within the arts and humanities.
- Demonstrate an aesthetic appreciation for, and critical analysis of, visual, musical, or other non-verbal forms of expression within the arts and humanities.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours
ENG 121 English Composition I 3 ENG 122 English Composition II 3 COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication 3	<i>9 credits in two different areas, 1 must be a History</i> History: HIS 101 Western Civ: Antiquity-1650 3 HIS 102 Western Civ: 1650-Present 3 HIS 121 U.S. History to Reconstruction 3 HIS 122 U.S. History since Civil War 3
Mathematics 3 credit hours minimum	Economic and Political Systems: ECO 201 Principles of Macroeconomics 3 ECO 202 Principles of Microeconomics 3 POS 105 Introduction to Political Science 3 POS 111 American Government 3 POS 205 International Relations 3
Physical and Life Sciences 8 - 10 credit hours	Geography: GEO 105 World Regional Geography 3 Human Behavior and Social Systems: ANT 101 Cultural Anthropology 3 ANT 111 Physical Anthropology 3 PSY 101 General Psychology I 3 PSY 102 General Psychology II 3 PSY 227 Psychology of Death and Dying 3 PSY 235 Human Growth and Development 3 PSY 238 Child Development 3 PSY 249 Abnormal Psychology 3 SOC 101 Introduction to Sociology 3 SOC 102 Introduction to Sociology II 3 SOC 205 Sociology of Family Dynamics 3
MAT 120 Math for Liberal Arts 4 MAT 121 College Algebra 4 MAT 122 Trigonometry 3 MAT 135 Intro to Statistics 3 MAT 166 Pre-Calculus 5 MAT 201 Calculus I 5 MAT 202 Calculus II 5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>
AST 101 Astronomy I 4 AST 102 Astronomy II 4 BIO 105 Science of Biology 4 BIO 111 General College Biology I 5 BIO 112 General College Biology II 5 BIO 201 Human Anatomy & Physiology I 4 BIO 202 Human Anatomy & Physiology II 4 BIO 204 Microbiology 4 BIO 220 General Zoology 5 BIO 221 Botany 5 CHE 101 Introduction to Chemistry I 5 CHE 102 Introduction to Chemistry II 5 CHE 111 General College Chemistry I 5 CHE 112 General College Chemistry II 5 ENV 101 Environmental Science 4 GEY 111 Physical Geology 4 GEY 112 Historical Geology 4 PHY 105 Conceptual Physics 4 PHY 111 Physics: Algebra-Based I 5 PHY 112 Physics: Algebra-Based II 5 PHY 211 Physics: Calculus-Based I 5 PHY 212 Physics: Calculus-Based II 5	
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>	

Continued on next page

Music Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		MUS 110 Music Theory I - required course	3
ART 110	3	MUS 111 Music Theory II - required course	3
ART 111	3	MUS 112 Ear Training/Sight Singing Lab I - required course	1
ART 112	3	MUS 113 Ear Training/Sight Singing Lab II - required course	1
MUS 120	3	MUS 141-144 Private Instruction-Variable Credit	Variable Credit
MUS 121	3	MUS 151-154 Ensemble Groups I/II/III/IV	1 credit each
MUS 122	3	MUS 210 Music Theory III - required course	3
MUS 123	3	MUS 211 Music Theory IV - required course	3
MUS 123	3	MUS 212 Adv. Ear Training/Sight Singing Lab I - required course	1
THE 105	3	MUS 213 Adv. Ear Training/Sight Singing Lab II - required course	1
THE 211	3	MUS 120 Music Appreciation	3
THE 212	3		
SPA 211	3		
SPA 212	3		
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		



Associate of Arts Degree (AA)

Program: Philosophy



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The Arts and Humanities Program develops curriculum and delivers instruction to stimulate intellectual and imaginative curiosity; critical and creative thinking; and varied means of expression to prepare culturally literate, ethical, and civically-engaged citizens for a global and technologically sophisticated world through interdisciplinary education.

Program Learning Outcomes:

- Demonstrate proficiency in applying concepts and terminologies related to major movements, genres, artists, thinkers, theories, and forms.
- Demonstrate proficiency with creative or communicative processes within the arts and humanities.
- Exhibit an appreciation of the arts and humanities within their cultural, historical, contemporary and global context.
- Demonstrate technical skills in areas of application within the arts and humanities.
- Demonstrate an aesthetic appreciation for, and critical analysis of, visual, musical, or other non-verbal forms of expression within the arts and humanities.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics 3 credit hours minimum		HIS 102 Western Civ: 1650-Present	3
MAT 120 Math for Liberal Arts	4	HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra	4	HIS 122 U.S. History since Civil War	3
MAT 122 Trigonometry	3	Economic and Political Systems:	
MAT 135 Intro to Statistics	3	ECO 201 Principles of Macroeconomics	3
MAT 166 Pre-Calculus	5	ECO 202 Principles of Microeconomics	3
MAT 201 Calculus I	5	POS 105 Introduction to Political Science	3
MAT 202 Calculus II	5	POS 111 American Government	3
Physical and Life Sciences 8 - 10 credit hours		POS 205 International Relations	3
AST 101 Astronomy I	4	Geography:	
AST 102 Astronomy II	4	GEO 105 World Regional Geography	3
BIO 105 Science of Biology	4	Human Behavior and Social Systems:	
BIO 111 General College Biology I	5	ANT 101 Cultural Anthropology	3
BIO 112 General College Biology II	5	ANT 111 Physical Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	PSY 101 General Psychology I	3
BIO 202 Human Anatomy & Physiology II	4	PSY 102 General Psychology II	3
BIO 204 Microbiology	4	PSY 227 Psychology of Death and Dying	3
BIO 220 General Zoology	5	PSY 235 Human Growth and Development	3
BIO 221 Botany	5	PSY 238 Child Development	3
CHE 101 Introduction to Chemistry I	5	PSY 249 Abnormal Psychology	3
CHE 102 Introduction to Chemistry II	5	SOC 101 Introduction to Sociology	3
CHE 111 General College Chemistry I	5	SOC 102 Introduction to Sociology II	3
CHE 112 General College Chemistry II	5	SOC 205 Sociology of Family Dynamics	3
ENV 101 Environmental Science	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Philosophy Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		PHI 111 Introduction to Philosophy	3
ART 110 Art Appreciation	3	PHI 112 Ethics	3
ART 111 Art History I	3	PHI 113 Logic	3
ART 112 Art History II	3	PHI 114 Comparative Religions	3
MUS 120 Music Appreciation	3	PHI 214 Philosophy of Religion	3
MUS 121 Music History I	3	PHI 218 Environmental Ethics	3
MUS 122 Music History II	3	PHI 220 Philosophy of Death & Dying	3
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
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		



Associate of Arts Degree (AA)

Program: Political Science



GRADUATION REQUIREMENTS	
General Education	35 ¹
Major Requirements	25
Total Credit Hours Required	60

General Education Requirements 35¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours
ENG 121 English Composition I 3 ENG 122 English Composition II 3 COM 115 Public Speaking, or 125 Interpersonal Communication or 220 Intercultural Communications 3	<i>9 credits in two different areas, 1 must be a History</i> History: HIS 101 Western Civ: Antiquity-1650 3 HIS 102 Western Civ: 1650-Present 3 HIS 121 U.S. History to Reconstruction 3 HIS 122 U.S. History since Civil War 3
Mathematics 3 credit hours minimum MAT 120 Math for Liberal Arts 4 MAT 121 College Algebra 4 MAT 122 Trigonometry 3 MAT 135 Intro to Statistics 3 MAT 166 Pre-Calculus 5 MAT 201 Calculus I 5 MAT 202 Calculus II 5	Economic and Political Systems: ECO 201 Principles of Macroeconomics - required course 3 ECO 202 Principles of Microeconomics - required course 3 POS 105 Introduction to Political Science 3 POS 111 American Government 3 POS 205 International Relations 3
Physical and Life Sciences 8 - 10 credit hours AST 101 Astronomy I 4 AST 102 Astronomy II 4 BIO 105 Science of Biology 4 BIO 111 General College Biology I 5 BIO 112 General College Biology II 5 BIO 201 Human Anatomy & Physiology I 4 BIO 202 Human Anatomy & Physiology II 4 BIO 204 Microbiology 4 BIO 220 General Zoology 5 BIO 221 Botany 5 CHE 101 Introduction to Chemistry I 5 CHE 102 Introduction to Chemistry II 5 CHE 111 General College Chemistry I 5 CHE 112 General College Chemistry II 5 ENV 101 Environmental Science 4 GEY 111 Physical Geology 4 GEY 112 Historical Geology 4 PHY 105 Conceptual Physics 4 PHY 111 Physics: Algebra-Based I 5 PHY 112 Physics: Algebra-Based II 5 PHY 211 Physics: Calculus-Based I 5 PHY 212 Physics: Calculus-Based II 5	Geography: GEO 105 World Regional Geography 3 Human Behavior and Social Systems: ANT 101 Cultural Anthropology 3 ANT 111 Physical Anthropology 3 PSY 101 General Psychology I 3 PSY 102 General Psychology II 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 249 Abnormal Psychology 3 SOC 101 Introduction to Sociology 3 SOC 102 Introduction to Sociology II 3 SOC 205 Sociology of Family Dynamics 3
<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>	

Continued on next page

Political Science Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 25 credits from list below</i>	25 credit hours
Arts:		POS 105 Introduction to Political Science - required course	3
ART 110 Art Appreciation	3	POS 111 American Government - required course	3
ART 111 Art History I	3	POS 205 International Relations - required course	3
ART 112 Art History II	3	POS 225 Comparative Government - required course	3
MUS 120 Music Appreciation	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
MUS 121 Music History I	3		
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Psychology



GRADUATION REQUIREMENTS	
General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours	
ENG 121 English Composition I 3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II 3		
COM 115 Public Speaking, or 125 Interpersonal Communication 3		
Mathematics 4 credit hours minimum		
MAT 120 Math for Liberal Arts 4	History:	
MAT 121 College Algebra - required course 4	HIS 101 Western Civ: Antiquity-1650 3	
MAT 122 Trigonometry 3	HIS 102 Western Civ: 1650-Present 3	
MAT 135 Intro to Statistics 3	HIS 121 U.S. History to Reconstruction 3	
MAT 166 Pre-Calculus 5	HIS 122 U.S. History since Civil War 3	
MAT 201 Calculus I 5	Economic and Political Systems:	
MAT 202 Calculus II 5	ECO 201 Principles of Macroeconomics 3	
Physical and Life Sciences 8 - 10 credit hours		
AST 101 Astronomy I 4	ECO 202 Principles of Microeconomics 3	
AST 102 Astronomy II 4	POS 105 Introduction to Political Science 3	
BIO 105 Science of Biology or - required course 4	POS 111 American Government 3	
BIO 111 General College Biology I - required course 5	POS 205 International Relations 3	
BIO 112 General College Biology II 5	Geography:	
BIO 201 Human Anatomy & Physiology I 4	GEO 105 World Regional Geography 3	
BIO 202 Human Anatomy & Physiology II 4	Human Behavior and Social Systems:	
BIO 204 Microbiology 4	ANT 101 Cultural Anthropology 3	
BIO 220 General Zoology 5	ANT 111 Physical Anthropology 3	
BIO 221 Botany 5	PSY 101 General Psychology I 3	
CHE 101 Introduction to Chemistry I 5	PSY 102 General Psychology II 3	
CHE 102 Introduction to Chemistry II 5	PSY 227 Psychology of Death and Dying 3	
CHE 111 General College Chemistry I 5	PSY 235 Human Growth and Development 3	
CHE 112 General College Chemistry II 5	PSY 238 Child Development 3	
ENV 101 Environmental Science 4	PSY 249 Abnormal Psychology 3	
GEY 111 Physical Geology 4	SOC 101 Introduction to Sociology 3	
GEY 112 Historical Geology 4	SOC 102 Introduction to Sociology II 3	
PHY 105 Conceptual Physics 4	SOC 205 Sociology of Family Dynamics 3	
PHY 111 Physics: Algebra-Based I 5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112 Physics: Algebra-Based II 5		
PHY 211 Physics: Calculus-Based I 5		
PHY 212 Physics: Calculus-Based II 5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>		

Continued on next page

Psychology Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	21 credit hours
Arts:		PSY 101 General Psychology I - required course	3
ART 110 Art Appreciation	3	PSY 102 General Psychology II - required course	3
ART 111 Art History I	3	(Choose 3 of courses below)	
ART 112 Art History II	3	PSY 226 Social Psychology	3
MUS 120 Music Appreciation	3	PSY 227 Psychology of Death and Dying	3
MUS 121 Music History I	3	PSY 235 Human Growth and Development	3
MUS 122 Music History II	3	PSY 238 Child Development	3
MUS 123 Survey of World Music	3	PSY 249 Abnormal Psychology	3
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



<h2 style="margin: 0;">Associate of Arts Degree (AA)</h2> <h3 style="margin: 0;">Program: Sociology</h3>		<h3 style="margin: 0;">GRADUATION REQUIREMENTS</h3> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">General Education</td> <td style="text-align: right; padding: 2px;">38¹</td> </tr> <tr> <td style="padding: 2px;">Major Requirements</td> <td style="text-align: right; padding: 2px;">22</td> </tr> <tr> <td style="padding: 2px;">Total Credit Hours Required</td> <td style="text-align: right; padding: 2px;">60</td> </tr> </table>	General Education	38 ¹	Major Requirements	22	Total Credit Hours Required	60
General Education	38 ¹							
Major Requirements	22							
Total Credit Hours Required	60							

Mission Statement:

The mission of the Social and Behavioral Sciences Program is to promote individual, social, and political awareness; to encourage civic engagement; and to develop ethical and empathetic global citizens within a changing and complex world.

Program Learning Outcomes:

- Demonstrate an understanding of theories and their practical application within the sciences of Psychology, Sociology, and Economics.
- Use technologies appropriately to conduct research in order to evaluate and manage information.
- Identify and apply methods, such as observation, hypothesis development, experimentation, evaluation of evidence or measurement and data collection, used by social scientists to study human behavior.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; padding: 2px;">Communication</th> <th style="text-align: right; padding: 2px;">9 credit hours</th> </tr> <tr> <td style="padding: 2px;">ENG 121 English Composition I</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">ENG 122 English Composition II</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">COM 115 Public Speaking, or 125 Interpersonal Communication</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <th style="text-align: left; padding: 2px;">Mathematics</th> <th style="text-align: right; padding: 2px;">3 credit hours minimum</th> </tr> <tr> <td style="padding: 2px;">MAT 120 Math for Liberal Arts</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">MAT 121 College Algebra or - required course</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">MAT 122 Trigonometry</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">MAT 135 Intro to Statistics - required course</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">MAT 166 Pre-Calculus</td> <td style="text-align: right; padding: 2px;">5</td> </tr> <tr> <td style="padding: 2px;">MAT 201 Calculus I</td> <td style="text-align: right; padding: 2px;">5</td> </tr> <tr> <td style="padding: 2px;">MAT 202 Calculus II</td> <td style="text-align: right; padding: 2px;">5</td> </tr> <tr> <th style="text-align: left; padding: 2px;">Physical and Life Sciences</th> <th style="text-align: right; padding: 2px;">8 - 10 credit hours</th> </tr> <tr> <td style="padding: 2px;">AST 101 Astronomy I</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">AST 102 Astronomy II</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">BIO 105 Science of Biology</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">BIO 111 General College Biology I</td> <td style="text-align: right; 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Sociology Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		SOC 101 Introduction to Sociology I - required course	3
ART 110 Art Appreciation	3	SOC 102 Introduction to Sociology II - required course	3
ART 111 Art History I	3	Choose 3 of courses below	
ART 112 Art History II	3	SOC 205 Sociology of Family Dynamics	3
MUS 120 Music Appreciation	3	SOC 215 Contemporary Social Problems	3
MUS 121 Music History I	3	SOC 216 Sociology of Gender	3
MUS 122 Music History II	3	SOC 218 Sociology of Diversity	3
MUS 123 Survey of World Music	3	SOC 220 Sociology of Religion	3
THE 105 Theater Appreciation	3	SOC 231 Sociology of Deviant Behavior	3
THE 211 Development of Theatre I	3	SOC 237 Sociology of Death and Dying	3
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Spanish



GRADUATION REQUIREMENTS	
General Education	37 ¹
Major Requirements	23
Total Credit Hours Required	60

General Education Requirements 37¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking, or 125 Interpersonal Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
3 credit hours minimum		HIS 244 History of Latin American - required course	3
MAT 120 Math for Liberal Arts	4	Economic and Political Systems:	
MAT 121 College Algebra	4	ECO 201 Principles of Macroeconomics	3
MAT 122 Trigonometry	3	ECO 202 Principles of Microeconomics	3
MAT 135 Intro to Statistics	3	POS 105 Introduction to Political Science	3
MAT 166 Pre-Calculus	5	POS 111 American Government	3
MAT 201 Calculus I	5	POS 205 International Relations	3
MAT 202 Calculus II	5	Geography:	
Physical and Life Sciences		GEO 105 World Regional Geography	3
7 - 10 credit hours		Human Behavior and Social Systems:	
AST 101 Astronomy I	4	ANT 101 Cultural Anthropology	3
AST 102 Astronomy II	4	ANT 111 Physical Anthropology	3
BIO 105 Science of Biology	4	PSY 101 General Psychology I	3
BIO 111 General College Biology I	5	PSY 102 General Psychology II	3
BIO 112 General College Biology II	5	PSY 227 Psychology of Death and Dying	3
BIO 201 Human Anatomy & Physiology I	4	PSY 235 Human Growth and Development	3
BIO 202 Human Anatomy & Physiology II	4	PSY 238 Child Development	3
BIO 204 Microbiology	4	PSY 249 Abnormal Psychology	3
BIO 220 General Zoology	5	SOC 101 Introduction to Sociology	3
BIO 221 Botany	5	SOC 102 Introduction to Sociology II	3
CHE 101 Introduction to Chemistry I	5	SOC 205 Sociology of Family Dynamics	3
CHE 102 Introduction to Chemistry II	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5		
ENV 101 Environmental Science	4		
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
SCI 105 Science in Society	3		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Spanish Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 23 credits from list below</i>	23 credit hours
Arts:		SPA 111 Spanish Language I - required course	5
ART 110 Art Appreciation	3	SPA 112 Spanish Language II - required course	5
ART 111 Art History I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
ART 112 Art History II	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 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III - required course	3		
SPA 212 Spanish Language IV - required course	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Arts Degree (AA)

Program: Theater



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

Mission Statement:

The Arts and Humanities Program develops curriculum and delivers instruction to stimulate intellectual and imaginative curiosity; critical and creative thinking; and varied means of expression to prepare culturally literate, ethical, and civically-engaged citizens for a global and technologically sophisticated world through interdisciplinary education.

Program Learning Outcomes:

- Demonstrate proficiency in applying concepts and terminologies related to major movements, genres, artists, thinkers, theories, and forms.
- Demonstrate proficiency with creative or communicative processes within the arts and humanities.
- Exhibit an appreciation of the arts and humanities within their cultural, historical, contemporary and global context.
- Demonstrate technical skills in areas of application within the arts and humanities.
- Demonstrate an aesthetic appreciation for, and critical analysis of, visual, musical, or other non-verbal forms of expression within the arts and humanities.

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking, or 125 Interpersonal Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics 3 credit hours minimum		HIS 102 Western Civ: 1650-Present	3
MAT 120 Math for Liberal Arts	4	HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra	4	HIS 122 U.S. History since Civil War	3
MAT 135 Intro to Statistics	3	Economic and Political Systems:	
MAT 166 Pre-Calculus	5	ECO 201 Principles of Macroeconomics	3
MAT 201 Calculus I	5	ECO 202 Principles of Microeconomics	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences 8 - 10 credit hours		POS 111 American Government	3
AST 101 Astronomy I	4	POS 205 International Relations	3
AST 102 Astronomy II	4	Geography:	
BIO 105 Science of Biology	4	GEO 105 World Regional Geography	3
BIO 111 General College Biology I	5	Human Behavior and Social Systems:	
BIO 112 General College Biology II	5	ANT 101 Cultural Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	ANT 111 Physical Anthropology	3
BIO 202 Human Anatomy & Physiology II	4	PSY 101 General Psychology I	3
BIO 204 Microbiology	4	PSY 102 General Psychology II	3
BIO 220 General Zoology	5	PSY 227 Psychology of Death and Dying	3
BIO 221 Botany	5	PSY 235 Human Growth and Development	3
CHE 101 Introduction to Chemistry I	5	PSY 238 Child Development	3
CHE 102 Introduction to Chemistry II	5	PSY 249 Abnormal Psychology	3
CHE 111 General College Chemistry I	5	SOC 101 Introduction to Sociology	3
CHE 112 General College Chemistry II	5	SOC 102 Introduction to Sociology II	3
ENV 101 Environmental Science	4	SOC 205 Sociology of Family Dynamics	3
GEY 111 Physical Geology	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 112 Historical Geology	4		
PHY 105 Conceptual Physics	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Theater Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		THE 105	3
ART 110	3	THE 111	3
ART 111	3	THE 112	3
ART 112	3	THE 246	3
MUS 120	3	THE 247	3
MUS 121	3	THE 141	3
MUS 122	3	THE 116	3
MUS 123	3	THE 152	3
THE 105	3	THE 216	3
THE 211	3	THE 131	3
THE 212	3	THE 132	3
SPA 211	3	THE 213	3
SPA 212	3		
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		





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Associate of Science Degree (AS)

Program: Agriculture Business



GRADUATION REQUIREMENTS	
General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
4 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra or - required course	4	HIS 122 U.S. History since Civil War	3
MAT 125 Survey of Calculus or higher Calculus - required course	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	AGE 102 Agriculture Economics - required course	3
MAT 166 Pre-Calculus	5	AGR 260 World Interdependence: Population & Food - required course	3
MAT 201 Calculus I	5	POS 105 Introduction to Political Science	3
MAT 202 Calculus II	5	POS 111 American Government	3
Physical and Life Sciences		POS 205 International Relations	3
<i>Must complete a sequence of sciences</i> 10 credit hours minimum		Geography:	
AST 101 Astronomy I	4	GEO 105 World Regional Geography	3
AST 102 Astronomy II	4	Human Behavior and Social Systems:	
BIO 111 General College Biology I - required course	5	ANT 101 Cultural Anthropology	3
BIO 112 General College Biology II	5	ANT 111 Physical Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	PSY 101 General Psychology I	3
BIO 202 Human Anatomy & Physiology II	4	PSY 102 General Psychology II	3
BIO 204 Microbiology	4	PSY 227 Psychology of Death and Dying	3
BIO 220 General Zoology	5	PSY 235 Human Growth and Development	3
BIO 221 Botany	5	PSY 238 Child Development	3
CHE 101 Introduction to Chemistry or - required course	5	PSY 249 Abnormal Psychology	3
CHE 111 General College Chemistry I - required course	5	SOC 101 Introduction to Sociology	3
CHE 112 General College Chemistry II	5	SOC 102 Introduction to Sociology II	3
ENV 101 Environmental Science	4	SOC 205 Sociology of Family Dynamics	3
GEY 111 Physical Geology	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 112 Historical Geology	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Agriculture Business Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		CIS 118 Introduction to PC Applications - required course	3
ART 110 Art Appreciation	3	ECO 201 Principles of Macroeconomics - required course	3
ART 111 Art History I	3	MAT 135 Introduction to Statistics - required course	3
ART 112 Art History II	3	AGE 205 Farm & Ranch Management	3
MUS 120 Music Appreciation	3	AGE 208 Agriculture Finance	3
MUS 121 Music History I	3	AGE 210 Agriculture Marketing	3
MUS 122 Music History II	3	MAT 125 Survey of Calculus	4
MUS 123 Survey of World Music	3	ASC 100 Animal Science	3
THE 105 Theater Appreciation	3	ASC 225 Feeds & Feeding	4
THE 211 Development of Theatre I	3	ASC 230 Anatomy & Physiology	3
THE 212 Development of Theatre II	3	ASC 250 Live Animal & Carcass Evaluation	3
SPA 211 Spanish Language III	3	ASC 288 Livestock Practicum	2
SPA 212 Spanish Language IV	3	AGY 100 General Crop Production	4
Literature & Humanities:		AGY 240 Introductory Soil Science	4
HUM 115 World Mythology	3	ACC 121 Accounting Principles I	4
HUM 121 Humanities Early Civilizations	3	RAM 205 Principles of Range Management	3
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		

** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.



Associate of Science Degree (AS)

Program: Animal Science



GRADUATION REQUIREMENTS	
General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours
ENG 121 English Composition I 3 ENG 122 English Composition II 3 COM 115 Public Speaking	<i>9 credits in two different areas, 1 must be a History</i> History: HIS 101 Western Civ: Antiquity-1650 3 HIS 102 Western Civ: 1650-Present 3 HIS 121 U.S. History to Reconstruction 3 HIS 122 U.S. History since Civil War 3 Economic and Political Systems: AGE 102 Agriculture Economics - required course 3 AGR 260 World Interdependence: Population & Food - required course 3 POS 105 Introduction to Political Science 3 POS 111 American Government 3 POS 205 International Relations 3 Geography: GEO 105 World Regional Geography 3 Human Behavior and Social Systems: ANT 101 Cultural Anthropology 3 ANT 111 Physical Anthropology 3 PSY 101 General Psychology I 3 PSY 102 General Psychology II 3 PSY 227 Psychology of Death and Dying 3 PSY 235 Human Growth and Development 3 PSY 238 Child Development 3 PSY 249 Abnormal Psychology 3 SOC 101 Introduction to Sociology 3 SOC 102 Introduction to Sociology II 3 SOC 205 Sociology of Family Dynamics 3
Mathematics 4 credit hours minimum	
MAT 121 College Algebra - required course 4 MAT 125 Survey of Calculus or higher Calculus - required course 4 MAT 122 Trigonometry 3 MAT 166 Pre-Calculus 5 MAT 201 Calculus I 5 MAT 202 Calculus II 5	
Physical and Life Sciences <i>Must complete a sequence of sciences</i> 10 credit hours minimum	
AST 101 Astronomy I 4 AST 102 Astronomy II 4 BIO 111 General College Biology I - required course 5 BIO 112 General College Biology II 5 BIO 201 Human Anatomy & Physiology I 4 BIO 202 Human Anatomy & Physiology II 4 BIO 204 Microbiology 4 BIO 220 General Zoology 5 BIO 221 Botany 5 CHE 101 Introduction to Chemistry or - required course 5 CHE 111 General College Chemistry I - required course 5 CHE 112 General College Chemistry II 5 ENV 101 Environmental Science 4 GEY 111 Physical Geology 4 GEY 112 Historical Geology 4 PHY 111 Physics: Algebra-Based I 5 PHY 112 Physics: Algebra-Based II 5 PHY 211 Physics: Calculus-Based I 5 PHY 212 Physics: Calculus-Based II 5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>	

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Animal Science Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		ASC 100 Animal Science - required course	3
ART 110 Art Appreciation	3	ASC 225 Feeds & Feeding - required course	4
ART 111 Art History I	3	ASC 230 Anatomy & Physiology - required course	3
ART 112 Art History II	3	ASC 250 Live Animal & Carcass Evaluation - required course	3
MUS 120 Music Appreciation	3	ASC 288 Livestock Practicum - required course	2
MUS 121 Music History I	3	CIS 118 Introduction to PC Applications	3
MUS 122 Music History II	3	AGE 205 Farm & Ranch Management	3
MUS 123 Survey of World Music	3	AGE 208 Agriculture Finance	3
THE 105 Theater Appreciation	3	AGE 210 Agriculture Marketing	3
THE 211 Development of Theatre I	3	ACC 121 Accounting Principles I	4
THE 212 Development of Theatre II	3	ECO 201 Principles of Macroeconomics	3
SPA 211 Spanish Language III	3	RAM 205 Principles of Range Management	3
SPA 212 Spanish Language IV	3	CHE 112 General College Chemistry II	5
		CHE 205 Introduction to Organic Chemistry or	5
		CHE 211 Organic Chemistry I	5
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Science Degree (AS)**Program: Biology****GRADUATION REQUIREMENTS**

General Education	40 ¹
Major Requirements	20
Total Credit Hours Required	60

Mission Statement:

The mission of Trinidad State Department of Biological Sciences is to provide students from all backgrounds and abilities with knowledge and experience in the organization and function of biological systems, while introducing correct techniques and practices for using critical thinking skills along with the scientific method. This approach is undertaken to (1) to instill an awareness of the dynamics of biology throughout the environmental and social spectrum, creating productive and well informed citizens, and (2) to prepare students for advanced education opportunities in all areas, including but not limited to Health and Biology based sciences.

Program Learning Outcomes:

- Demonstrate understanding of the general principles of natural and physical sciences.
- Apply scientific knowledge and skills to real world scenarios.
- Recognize ethical issues and understand the social responsibility involved in scientific decision making.
- Demonstrate effective personal safety.
- Explain the natural and physical world using reflection, qualitative, and quantitative analysis, including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings and communication of the conclusions.

General Education Requirements 40¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121	English Composition I	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122	English Composition II	History:	
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	HIS 101	Western Civ: Antiquity-1650
Mathematics		HIS 102	Western Civ: 1650-Present
4 credit hours minimum		HIS 121	U.S. History to Reconstruction
MAT 121	College Algebra or higher - required course	HIS 122	U.S. History since Civil War
MAT 122	Trigonometry	Economic and Political Systems:	
MAT 166	Pre-Calculus	ECO 201	Principles of Macroeconomics
MAT 201	Calculus I	ECO 202	Principles of Microeconomics
MAT 202	Calculus II	POS 105	Introduction to Political Science
Physical and Life Sciences		POS 111	American Government
<i>Must complete a sequence of sciences</i>		POS 205	International Relations
10 credit hours minimum		Geography:	
AST 101	Astronomy I	GEO 105	World Regional Geography
AST 102	Astronomy II	Human Behavior and Social Systems:	
BIO 111	General College Biology I - required course	ANT 101	Cultural Anthropology
BIO 112	General College Biology II - required course	ANT 111	Physical Anthropology
BIO 201	Human Anatomy & Physiology I	PSY 101	General Psychology I
BIO 202	Human Anatomy & Physiology II	PSY 102	General Psychology II
BIO 204	Microbiology	PSY 227	Psychology of Death and Dying
BIO 220	General Zoology	PSY 235	Human Growth and Development
BIO 221	Botany	PSY 238	Child Development
CHE 111	General College Chemistry I	PSY 249	Abnormal Psychology
CHE 112	General College Chemistry II	SOC 101	Introduction to Sociology
ENV 101	Environmental Science	SOC 102	Introduction to Sociology II
GEY 111	Physical Geology	SOC 205	Sociology of Family Dynamics
GEY 112	Historical Geology	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 111	Physics: Algebra-Based I		
PHY 112	Physics: Algebra-Based II		
PHY 211	Physics: Calculus-Based I		
PHY 212	Physics: Calculus-Based II		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Biology Continued

Arts and Humanities <i>6 credits in two different areas</i>		6 credit hours	Electives** <i>Choose 20 credits from list below</i>	20 credit hours
Arts:			All electives must be in the area of Math and Science	
ART 110	Art Appreciation	3	CHE 111	General College Chemistry I 5
ART 111	Art History I	3	CHE 112	General College Chemistry II 5
ART 112	Art History II	3	PHY 111	Physics Alg-based I 5
MUS 120	Music Appreciation	3	PHY 112	Physics Alg-based II 5
MUS 121	Music History I	3	BIO 152	Wildlife Biology 3
MUS 122	Music History II	3	BIO 204	Microbiology 4
MUS 123	Survey of World Music	3	BIO 228	Field Biology III 4
THE 105	Theater Appreciation	3	BIO 216	Pathophysiology 4
THE 211	Development of Theatre I	3	BIO 220	General Zoology 5
THE 212	Development of Theatre II	3	BIO 221	Botany 5
SPA 211	Spanish Language III	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
SPA 212	Spanish Language IV	3		
Literature & Humanities:				
HUM 115	World Mythology	3		
HUM 121	Humanities Early Civilizations	3		
HUM 122	Humanities Medieval to Modern	3		
HUM 123	Humanities Modern World	3		
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 212	American Literature after Civil War	3		
Ways of Thinking:				
PHI 111	Introduction to Philosophy	3		
PHI 112	Ethics	3		
PHI 113	Logic	3		
PHI 214	Philosophy of Religion	3		



Associate of Science Degree (AS)**Program: Chemistry****GRADUATION REQUIREMENTS**

General Education	44 ¹
Major Requirements	16
Total Credit Hours Required	60

Mission Statement:

The mission of the chemistry department is to provide learning-centered chemical education to students. The chemistry department strives to educate traditional and non-traditional students who intend to pursue further educational or career opportunities about chemical principles in a dynamic, supportive, learning-centered environment. The chemistry department is committed to integrating appropriate technology, modern instrumentation, traditional and contemporary pedagogical approaches, and assessment of student achievement into classes in an attempt to create an environment that engages students in classroom activities that facilitate learning for students of all learning styles.

Program Learning Outcomes:

- Demonstrate understanding of the general principles of natural and physical sciences.
- Apply scientific knowledge and skills to real world scenarios.
- Recognize ethical issues and understand the social responsibility involved in scientific decision making.
- Demonstrate effective personal safety.
- Explain the natural and physical world using reflection, qualitative, and quantitative analysis, including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings and communication of the conclusions.

General Education Requirements 44¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121	English Composition I	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122	English Composition II	History:	
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	HIS 101	Western Civ: Antiquity-1650 3
Mathematics		HIS 102	Western Civ: 1650-Present 3
5 credit hours minimum		HIS 121	U.S. History to Reconstruction 3
MAT 121	College Algebra or higher	HIS 122	U.S. History since Civil War 3
MAT 122	Trigonometry	Economic and Political Systems:	
MAT 166	Pre-Calculus	ECO 201	Principles of Macroeconomics 3
MAT 201	Calculus I - required course	ECO 202	Principles of Microeconomics 3
MAT 202	Calculus II	POS 105	Introduction to Political Science 3
Physical and Life Sciences		POS 111	American Government 3
<i>Must complete a sequence of sciences</i>		POS 205	International Relations 3
15 credit hours minimum		Geography:	
AST 101	Astronomy I	GEO 105	World Regional Geography 3
AST 102	Astronomy II	Human Behavior and Social Systems:	
BIO 111	General College Biology I - required course	ANT 101	Cultural Anthropology 3
BIO 112	General College Biology II	ANT 111	Physical Anthropology 3
BIO 201	Human Anatomy & Physiology I	PSY 101	General Psychology I 3
BIO 202	Human Anatomy & Physiology II	PSY 102	General Psychology II 3
BIO 204	Microbiology	PSY 227	Psychology of Death and Dying 3
BIO 220	General Zoology	PSY 235	Human Growth and Development 3
BIO 221	Botany	PSY 238	Child Development 3
CHE 111	General College Chemistry I - required course	PSY 249	Abnormal Psychology 3
CHE 112	General College Chemistry II - required course	SOC 101	Introduction to Sociology 3
ENV 101	Environmental Science	SOC 102	Introduction to Sociology II 3
GEY 111	Physical Geology	SOC 205	Sociology of Family Dynamics 3
GEY 112	Historical Geology	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 111	Physics: Algebra-Based I		
PHY 112	Physics: Algebra-Based II		
PHY 211	Physics: Calculus-Based I		
PHY 212	Physics: Calculus-Based II		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Chemistry Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 16 credits from list below</i>	16 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	Art Appreciation	3	
ART 111	Art History I	3	
ART 112	Art History II	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	Theater Appreciation	3	
THE 211	Development of Theatre I	3	
THE 212	Development of Theatre II	3	
SPA 211	Spanish Language III	3	
SPA 212	Spanish Language IV	3	
Literature & Humanities:			
HUM 115	World Mythology	3	
HUM 121	Humanities Early Civilizations	3	
HUM 122	Humanities Medieval to Modern	3	
HUM 123	Humanities Modern World	3	
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 212	American Literature after Civil War	3	
Ways of Thinking:			
PHI 111	Introduction to Philosophy	3	
PHI 112	Ethics	3	
PHI 113	Logic	3	
PHI 214	Philosophy of Religion	3	

** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.



Associate of Science Degree (AS)**Program: Geology****GRADUATION REQUIREMENTS**

General Education	40 ¹
Major Requirements	20
Total Credit Hours Required	60

Mission Statement:

The mission of the Geology Department is to provide students with the fundamentals of Earth system science, including the studying the materials of the Earth, its structure, surface features and the geologic processes involved in its development, in order to prepare them to pursue additional studies and careers in the field and to be able to make better informed decisions as citizens of the planet.

Program Learning Outcomes:

- Demonstrate understanding of the general principles of natural and physical sciences.
- Apply scientific knowledge and skills to real world scenarios.
- Recognize ethical issues and understand the social responsibility involved in scientific decision making.
- Demonstrate effective personal safety.
- Explain the natural and physical world using reflection, qualitative, and quantitative analysis, including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings and communication of the conclusions.

General Education Requirements 40¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication			9 credit hours	Social & Behavioral Sciences			9 credit hours
ENG 121	English Composition I	3		<i>9 credits in two different areas, 1 must be a History</i>			
ENG 122	English Composition II	3		History:			
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3		HIS 101	Western Civ: Antiquity-1650	3	
Mathematics			4 credit hours minimum				
MAT 121	College Algebra or higher - required course	4		HIS 102	Western Civ: 1650-Present	3	
MAT 122	Trigonometry	3		HIS 121	U.S. History to Reconstruction	3	
MAT 166	Pre-Calculus	5		HIS 122	U.S. History since Civil War	3	
MAT 201	Calculus I	5		Economic and Political Systems:			
MAT 202	Calculus II	5		ECO 201	Principles of Macroeconomics	3	
Physical and Life Sciences			12 credit hours minimum				
<i>Must complete a sequence of sciences</i>							
AST 101	Astronomy I	4		ECO 202	Principles of Microeconomics	3	
AST 102	Astronomy II	4		POS 105	Introduction to Political Science	3	
BIO 111	General College Biology I	5		POS 111	American Government	3	
BIO 112	General College Biology II	5		POS 205	International Relations	3	
BIO 201	Human Anatomy & Physiology I	4		Geography:			
BIO 202	Human Anatomy & Physiology II	4		GEO 105	World Regional Geography	3	
BIO 204	Microbiology	4		Human Behavior and Social Systems:			
BIO 220	General Zoology	5		ANT 101	Cultural Anthropology	3	
BIO 221	Botany	5		ANT 111	Physical Anthropology	3	
CHE 111	General College Chemistry I	5		PSY 101	General Psychology I	3	
CHE 112	General College Chemistry II	5		PSY 102	General Psychology II	3	
ENV 101	Environmental Science	4		PSY 227	Psychology of Death and Dying	3	
GEY 111	Physical Geology - required course	4		PSY 235	Human Growth and Development	3	
GEY 112	Historical Geology - required course	4		PSY 238	Child Development	3	
PHY 111	Physics: Algebra-Based I	5		PSY 249	Abnormal Psychology	3	
PHY 112	Physics: Algebra-Based II	5		SOC 101	Introduction to Sociology	3	
PHY 211	Physics: Calculus-Based I	5		SOC 102	Introduction to Sociology II	3	
PHY 212	Physics: Calculus-Based II	5		SOC 205	Sociology of Family Dynamics	3	
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>				<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>			

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Geology Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 20 credits from list below</i>	20 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	3	CHE 111	5
ART 111	3	CHE 112	5
ART 112	3	GEY 135	4
MUS 120	3	MAT 122	3
MUS 121	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 122	3		
MUS 123	3		
THE 105	3		
THE 211	3		
THE 212	3		
SPA 211	3		
SPA 212	3		
Literature & Humanities:			
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		



Associate of Science Degree (AS)**Program: Liberal Arts****GRADUATION REQUIREMENTS**

General Education	40 ¹
Major Requirements	20
Total Credit Hours Required	60

General Education Requirements 40¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
		HIS 102 Western Civ: 1650-Present	3
		HIS 121 U.S. History to Reconstruction	3
		HIS 122 U.S. History since Civil War	3
Mathematics	4 credit hours minimum	Economic and Political Systems:	
MAT 121 College Algebra or higher - required course	4	ECO 201 Principles of Macroeconomics	3
MAT 122 Trigonometry	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I	5	POS 111 American Government	3
MAT 202 Calculus II	5	POS 205 International Relations	3
Physical and Life Sciences		Geography:	
<i>Must complete a sequence of sciences</i>	12 credit hours minimum	GEO 105 World Regional Geography	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 111 General College Biology I	5	ANT 111 Physical Anthropology	3
BIO 112 General College Biology II	5	PSY 101 General Psychology I	3
BIO 201 Human Anatomy & Physiology I	4	PSY 102 General Psychology II	3
BIO 202 Human Anatomy & Physiology II	4	PSY 227 Psychology of Death and Dying	3
BIO 204 Microbiology	4	PSY 235 Human Growth and Development	3
BIO 220 General Zoology	5	PSY 238 Child Development	3
BIO 221 Botany	5	PSY 249 Abnormal Psychology	3
CHE 111 General College Chemistry I	5	SOC 101 Introduction to Sociology	3
CHE 112 General College Chemistry II	5	SOC 102 Introduction to Sociology II	3
ENV 101 Environmental Science	4	SOC 205 Sociology of Family Dynamics	3
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Liberal Arts Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 20 credits from list below</i>	20 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	Art Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>
ART 111	Art History I	3	
ART 112	Art History II	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	Theater Appreciation	3	
THE 211	Development of Theatre I	3	
THE 212	Development of Theatre II	3	
SPA 211	Spanish Language III	3	
SPA 212	Spanish Language IV	3	
Literature & Humanities:			
HUM 115	World Mythology	3	
HUM 121	Humanities Early Civilizations	3	
HUM 122	Humanities Medieval to Modern	3	
HUM 123	Humanities Modern World	3	
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 212	American Literature after Civil War	3	
Ways of Thinking:			
PHI 111	Introduction to Philosophy	3	
PHI 112	Ethics	3	
PHI 113	Logic	3	
PHI 214	Philosophy of Religion	3	



Associate of Science Degree (AS)**Program: Math****GRADUATION REQUIREMENTS**

General Education	42 ¹
Major Requirements	18
Total Credit Hours Required	60

Mission Statement:

Our goal is that all students will understand and do mathematics that at all levels they develop both conceptual understanding and procedural fluency. We are committed to ensuring that our students gain competence in problem-solving, reasoning and proof, communication, connections, and representation with regard to whatever mathematical content they are studying. Students will understand that mathematics is both a tool and a way of thinking that can be used to address problems in the world. For every mathematical process students learn, it is our goal that they have a deep understanding of that process and why that process works.

Specifically the mission of the mathematics faculty is to:

- Develop and enhance our student's abilities to reason logically, communicate technically, and think critically.
- Develop an appreciation for the utility and power of mathematics.
- Equip our students with the mathematical tools and strategies necessary to be lifelong learners and productive members in our evolving society.

Program Learning Outcomes:

- Use and synthesize mathematical data using scientific methods to solve problems and generate reasonable conclusions that fit the parameters of the problem.
- Demonstrate understanding of mathematics beyond more ability to perform calculations.
- Demonstrate the ability to use appropriate technology to find a model and then use the model to solve problems.

General Education Requirements 40² credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours				Physical and Life Sciences			
ENG 121	English Composition I		3	<i>Must complete a sequence of sciences</i> 10 credit hours minimum			
ENG 122	English Composition II		3	AST 101	Astronomy I		4
COM 115	Public Speaking or 125 Interpersonal Communication		3	AST 102	Astronomy II		4
Mathematics 5 credit hours minimum				BIO 111	General College Biology I		5
MAT 121	College Algebra or higher		4	BIO 112	General College Biology II		5
MAT 122	Trigonometry		3	BIO 201	Human Anatomy & Physiology I		4
MAT 166	Pre-Calculus		5	BIO 202	Human Anatomy & Physiology II		4
MAT 201	Calculus I - required course		5	BIO 204	Microbiology		4
MAT 202	Calculus II		5	BIO 220	General Zoology		5
				BIO 221	Botany		5
				CHE 111	General College Chemistry I		5
				CHE 112	General College Chemistry II		5
				ENV 101	Environmental Science		4
				GEY 111	Physical Geology		4
				GEY 112	Historical Geology		4
				PHY 111	Physics: Algebra-Based I		5
				PHY 112	Physics: Algebra-Based II		5
				PHY 211	Physics: Calculus-Based I - required course		5
				PHY 212	Physics: Calculus-Based II - required course		5
				<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Math Continued

Social & Behavioral Sciences 9 credit hours	Arts and Humanities 9 credit hours
<i>9 credits in two different areas, 1 must be a History</i>	<i>9 credits in two different areas</i>
History: HIS 101 Western Civ: Antiquity-1650 3 HIS 102 Western Civ: 1650-Present 3 HIS 121 U.S. History to Reconstruction 3 HIS 122 U.S. History since Civil War 3 Economic and Political Systems: ECO 201 Principles of Macroeconomics 3 ECO 202 Principles of Microeconomics 3 POS 105 Introduction to Political Science 3 POS 111 American Government 3 POS 205 International Relations 3 Geography: GEO 105 World Regional Geography 3 Human Behavior and Social Systems: ANT 101 Cultural Anthropology 3 ANT 111 Physical Anthropology 3 PSY 101 General Psychology I 3 PSY 102 General Psychology II 3 PSY 227 Psychology of Death and Dying 3 PSY 235 Human Growth and Development 3 PSY 238 Child Development 3 PSY 249 Abnormal Psychology 3 SOC 101 Introduction to Sociology 3 SOC 102 Introduction to Sociology II 3 SOC 205 Sociology of Family Dynamics 3	Arts: ART 110 Art Appreciation 3 ART 111 Art History I 3 ART 112 Art History II 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 Theater Appreciation 3 THE 211 Development of Theatre I 3 THE 212 Development of Theatre II 3 SPA 211 Spanish Language III 3 SPA 212 Spanish Language IV 3 Literature & Humanities: HUM 115 World Mythology 3 HUM 121 Humanities Early Civilizations 3 HUM 122 Humanities Medieval to Modern 3 HUM 123 Humanities Modern World 3 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 212 American Literature after Civil War 3 Ways of Thinking: PHI 111 Introduction to Philosophy 3 PHI 112 Ethics 3 PHI 113 Logic 3 PHI 214 Philosophy of Religion 3
<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	Electives** 18 credit hours
	<i>Choose 20 credits from list below</i>
	All electives must be in the area of Math and Science MAT 202 Calculus II - required course 5 MAT 203 Calculus III or - required course 4 MAT 204 Calculus III with Engineering Applications - required course 5 CSC 160 Computer Science I - required course 4
	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>

Associate of Science Degree (AS)

Program: Natural Resources



GRADUATION REQUIREMENTS	
General Education	42 ¹
Major Requirements	18
Total Credit Hours Required	60

General Education Requirements 42¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121	English Composition I	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122	English Composition II	History:	
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	HIS 101	Western Civ: Antiquity-1650 3
Mathematics		HIS 102	Western Civ: 1650-Present 3
4 credit hours minimum		HIS 121	U.S. History to Reconstruction 3
MAT 121	College Algebra or higher - required course	HIS 122	U.S. History since Civil War 3
MAT 122	Trigonometry or - required course	Economic and Political Systems:	
MAT 166	Pre-Calculus - required course	ECO 201	Principles of Macroeconomics 3
MAT 201	Calculus I	ECO 202	Principles of Microeconomics - required course 3
MAT 202	Calculus II	POS 105	Introduction to Political Science 3
Physical and Life Sciences		POS 111	American Government 3
<i>Must complete a sequence of sciences</i> 14 credit hours minimum		POS 205	International Relations 3
AST 101	Astronomy I	Geography:	
AST 102	Astronomy II	GEO 105	World Regional Geography 3
BIO 111	General College Biology I - required course	Human Behavior and Social Systems:	
BIO 112	General College Biology II - required course	ANT 101	Cultural Anthropology 3
BIO 201	Human Anatomy & Physiology I	ANT 111	Physical Anthropology 3
BIO 202	Human Anatomy & Physiology II	PSY 101	General Psychology I 3
BIO 204	Microbiology	PSY 102	General Psychology II 3
BIO 220	General Zoology	PSY 227	Psychology of Death and Dying 3
BIO 221	Botany	PSY 235	Human Growth and Development 3
CHE 111	General College Chemistry I	PSY 238	Child Development 3
CHE 112	General College Chemistry II	PSY 249	Abnormal Psychology 3
ENV 101	Environmental Science	SOC 101	Introduction to Sociology 3
GEY 111	Physical Geology - required course	SOC 102	Introduction to Sociology II 3
GEY 112	Historical Geology	SOC 205	Sociology of Family Dynamics 3
PHY 111	Physics: Algebra-Based I	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112	Physics: Algebra-Based II		
PHY 211	Physics: Calculus-Based I		
PHY 212	Physics: Calculus-Based II		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Natural Resources Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 18 credits from list below</i>	18 credit hours	
Arts:		All electives must be in the area of Math and Science		
ART 110	Art Appreciation	3	CHE 111 General College Chemistry I	
ART 111	Art History I	3	NRE 102 Introduction to Natural Resource Management	
ART 112	Art History II	3	BIO 152 Wildlife Biology	
MUS 120	Music Appreciation	3	BIO 222 General College Ecology	
MUS 121	Music History I	3	BIO 228 Field Biology III	
MUS 122	Music History II	3	NRE 225 Environmental Education (45 Hrs. field ed.)	
MUS 123	Survey of World Music	3	NRE 280 Internship (40 hours per credit)	
THE 105	Theater Appreciation	3	1-6 credits	
THE 211	Development of Theatre I	3	** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
THE 212	Development of Theatre II	3		
SPA 211	Spanish Language III	3		
SPA 212	Spanish Language IV	3		
Literature & Humanities:				
HUM 115	World Mythology	3		
HUM 121	Humanities Early Civilizations	3		
HUM 122	Humanities Medieval to Modern	3		
HUM 123	Humanities Modern World	3		
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 212	American Literature after Civil War	3		
Ways of Thinking:				
PHI 111	Introduction to Philosophy	3		
PHI 112	Ethics	3		
PHI 113	Logic	3		
PHI 214	Philosophy of Religion	3		



Associate of Science Degree (AS)**Program: Physics****GRADUATION REQUIREMENTS**

General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

Mission Statement:

Provide lab-based science courses, astronomy and conceptual physics for non-science majors, calculus based physics for engineering-type majors and algebra-based physics for other science majors.

Program Learning Outcomes:

- Demonstrate understanding of the general principles of natural and physical sciences.
- Apply scientific knowledge and skills to real world scenarios.
- Recognize ethical issues and understand the social responsibility involved in scientific decision making.
- Demonstrate effective personal safety.
- Explain the natural and physical world using reflection, qualitative, and quantitative analysis, including preparation of a plan to collect, process, and interpret data; evaluation of the plan, procedures, and findings and communication of the conclusions.

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
5 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra or higher	4	HIS 122 U.S. History since Civil War	3
MAT 122 Trigonometry	3	Economic and Political Systems:	
MAT 166 Pre-Calculus	5	ECO 201 Principles of Macroeconomics	3
MAT 201 Calculus I - required course	5	ECO 202 Principles of Microeconomics	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences		POS 111 American Government	3
<i>Must complete a sequence of sciences</i> 10 credit hours minimum		POS 205 International Relations	3
AST 101 Astronomy I	4	Geography:	
AST 102 Astronomy II	4	GEO 105 World Regional Geography	3
BIO 111 General College Biology I	5	Human Behavior and Social Systems:	
BIO 112 General College Biology II	5	ANT 101 Cultural Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	ANT 111 Physical Anthropology	3
BIO 202 Human Anatomy & Physiology II	4	PSY 101 General Psychology I	3
BIO 204 Microbiology	4	PSY 102 General Psychology II	3
BIO 220 General Zoology	5	PSY 227 Psychology of Death and Dying	3
BIO 221 Botany	5	PSY 235 Human Growth and Development	3
CHE 111 General College Chemistry I	5	PSY 238 Child Development	3
CHE 112 General College Chemistry II	5	PSY 249 Abnormal Psychology	3
ENV 101 Environmental Science	4	SOC 101 Introduction to Sociology	3
GEY 111 Physical Geology	4	SOC 102 Introduction to Sociology II	3
GEY 112 Historical Geology	4	SOC 205 Sociology of Family Dynamics	3
PHY 111 Physics: Algebra-Based I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I - required course	5		
PHY 212 Physics: Calculus-Based II - required course	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Physics Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 19 credits from list below</i>	21 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110 Art Appreciation	3	CHE 111 General college Chemistry I	5
ART 111 Art History I	3	CHE 112 General college Chemistry II	5
ART 112 Art History II	3	MAT 202 Calculus II	5
MUS 120 Music Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 121 Music History I	3		
MUS 122 Music History II	3		
MUS 123 Survey of World Music	3		
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Science Degree (AS)

Program: Pre-Engineering



GRADUATION REQUIREMENTS

General Education	41 ¹
Major Requirements	19
Total Credit Hours Required	60

General Education Requirements 41¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
5 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra or higher	4	HIS 122 U.S. History since Civil War	3
MAT 122 Trigonometry	3	Economic and Political Systems:	
MAT 166 Pre-Calculus	5	ECO 201 Principles of Macroeconomics	3
MAT 201 Calculus I - required course	5	ECO 202 Principles of Microeconomics	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences		POS 111 American Government	3
<i>Must complete a sequence of sciences</i> 12 credit hours minimum		POS 205 International Relations	3
AST 101 Astronomy I	4	Geography:	
AST 102 Astronomy II	4	GEO 105 World Regional Geography	3
BIO 111 General College Biology I	5	Human Behavior and Social Systems:	
BIO 112 General College Biology II	5	ANT 101 Cultural Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	ANT 111 Physical Anthropology	3
BIO 202 Human Anatomy & Physiology II	4	PSY 101 General Psychology I	3
BIO 204 Microbiology	4	PSY 102 General Psychology II	3
BIO 220 General Zoology	5	PSY 227 Psychology of Death and Dying	3
BIO 221 Botany	5	PSY 235 Human Growth and Development	3
CHE 111 General College Chemistry I	5	PSY 238 Child Development	3
CHE 112 General College Chemistry II	5	PSY 249 Abnormal Psychology	3
ENV 101 Environmental Science	4	SOC 101 Introduction to Sociology	3
GEY 111 Physical Geology	4	SOC 102 Introduction to Sociology II	3
GEY 112 Historical Geology	4	SOC 205 Sociology of Family Dynamics	3
PHY 111 Physics: Algebra-Based I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I - required course	5		
PHY 212 Physics: Calculus-Based II - required course	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Pre-Engineering Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 19 credits from list below</i>	19 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	3	CHE 111	5
ART 111	3	MAT 202	5
ART 112	3	MAT 203	4
MUS 120	3	MAT 204	5
MUS 121	3	EGG 100	1
MUS 122	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
MUS 123	3		
THE 105	3		
THE 211	3		
THE 212	3		
SPA 211	3		
SPA 212	3		
Literature & Humanities:			
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		



Associate of Science Degree (AS)

Program: Pre-Medical/Dental/Physical Therapy



GRADUATION REQUIREMENTS	
General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
		HIS 102 Western Civ: 1650-Present	3
		HIS 121 U.S. History to Reconstruction	3
		HIS 122 U.S. History since Civil War	3
Mathematics	5 credit hours minimum	Economic and Political Systems:	
MAT 121 College Algebra or higher	4	ECO 201 Principles of Macroeconomics	3
MAT 122 Trigonometry	3	ECO 202 Principles of Microeconomics	3
MAT 166 Pre-Calculus	5	POS 105 Introduction to Political Science	3
MAT 201 Calculus I - required course	5	POS 111 American Government	3
MAT 202 Calculus II	5	POS 205 International Relations	3
Physical and Life Sciences		Geography:	
<i>Must complete a sequence of sciences 10 credit hours minimum</i>		GEO 105 World Regional Geography	3
AST 101 Astronomy I	4	Human Behavior and Social Systems:	
AST 102 Astronomy II	4	ANT 101 Cultural Anthropology	3
BIO 111 General College Biology I - required course	5	ANT 111 Physical Anthropology	3
BIO 112 General College Biology II - required course	5	PSY 101 General Psychology I	3
BIO 201 Human Anatomy & Physiology I	4	PSY 102 General Psychology II	3
BIO 202 Human Anatomy & Physiology II	4	PSY 227 Psychology of Death and Dying	3
BIO 204 Microbiology	4	PSY 235 Human Growth and Development	3
BIO 220 General Zoology	5	PSY 238 Child Development	3
BIO 221 Botany	5	PSY 249 Abnormal Psychology	3
CHE 111 General College Chemistry I	5	SOC 101 Introduction to Sociology	3
CHE 112 General College Chemistry II	5	SOC 102 Introduction to Sociology II	3
ENV 101 Environmental Science	4	SOC 205 Sociology of Family Dynamics	3
GEY 111 Physical Geology	4		
GEY 112 Historical Geology	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Pre-Medical/Dental/Physical Therapy Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 19 credits from list below</i>	21 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110 Art Appreciation	3	CHE 111 General College Chemistry I - required course	5
ART 111 Art History I	3	CHE 112 General College Chemistry II - required course	5
ART 112 Art History II	3	PHY 111 Physics: Algebra Based or	5
MUS 120 Music Appreciation	3	PHY 211 Physics: Calculus Based	5
MUS 121 Music History I	3	BIO 201 Human Anatomy & Physiology I - required course	4
MUS 122 Music History II	3	BIO 202 Human Anatomy & Physiology II - required course	4
MUS 123 Survey of World Music	3	BIO 204 Microbiology	4
THE 105 Theater Appreciation	3		
THE 211 Development of Theatre I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
 Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
 Ways of Thinking:			
PHI 111 Introduction to Philosophy	3		
PHI 112 Ethics	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Science Degree (AS)

Program: Pre-Pharmacy



GRADUATION REQUIREMENTS	
General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours		Social & Behavioral Sciences 9 credit hours	
ENG 121	English Composition I	9 credits in two different areas, 1 must be a History	
ENG 122	English Composition II	History:	
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	HIS 101	Western Civ: Antiquity-1650 3
Mathematics 5 credit hours minimum		HIS 102	Western Civ: 1650-Present 3
MAT 121	College Algebra or higher	HIS 121	U.S. History to Reconstruction 3
MAT 122	Trigonometry	HIS 122	U.S. History since Civil War 3
MAT 166	Pre-Calculus	Economic and Political Systems:	
MAT 201	Calculus I - required course	ECO 201	Principles of Macroeconomics 3
MAT 202	Calculus II	ECO 202	Principles of Microeconomics - required course 3
Physical and Life Sciences		POS 105	Introduction to Political Science 3
Must complete a sequence of sciences 10 credit hours minimum		POS 111	American Government 3
AST 101	Astronomy I	POS 205	International Relations 3
AST 102	Astronomy II	Geography:	
BIO 111	General College Biology I - required course	GEO 105	World Regional Geography 3
BIO 112	General College Biology II - required course	Human Behavior and Social Systems:	
BIO 201	Human Anatomy & Physiology I	ANT 101	Cultural Anthropology 3
BIO 202	Human Anatomy & Physiology II	ANT 111	Physical Anthropology 3
BIO 204	Microbiology	PSY 101	General Psychology I 3
BIO 220	General Zoology	PSY 102	General Psychology II 3
BIO 221	Botany	PSY 227	Psychology of Death and Dying 3
CHE 111	General College Chemistry I	PSY 235	Human Growth and Development 3
CHE 112	General College Chemistry II	PSY 238	Child Development 3
ENV 101	Environmental Science	PSY 249	Abnormal Psychology 3
GEY 111	Physical Geology	SOC 101	Introduction to Sociology 3
GEY 112	Historical Geology	SOC 102	Introduction to Sociology II 3
PHY 111	Physics: Algebra-Based I	SOC 205	Sociology of Family Dynamics 3
PHY 112	Physics: Algebra-Based II	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 211	Physics: Calculus-Based I		
PHY 212	Physics: Calculus-Based II		
The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.			

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Pre-Pharmacy Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 19 credits from list below</i>	21 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	Art Appreciation 3	CHE 111	General College Chemistry I - required course 5
ART 111	Art History I 3	CHE 112	General College Chemistry II - required course 5
ART 112	Art History II 3	PHY 111	Physics: Algebra Based or - required course 5
MUS 120	Music Appreciation 3	PHY 211	Physics: Calculus Based - required course 5
MUS 121	Music History I 3	BIO 201	Human Anatomy & Physiology I 4
MUS 122	Music History II 3	BIO 202	Human Anatomy & Physiology II 4
MUS 123	Survey of World Music 3	BIO 204	Microbiology 4
THE 105	Theater Appreciation 3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 211	Development of Theatre I 3		
THE 212	Development of Theatre II 3		
SPA 211	Spanish Language III 3		
SPA 212	Spanish Language IV 3		
Literature & Humanities:			
HUM 115	World Mythology 3		
HUM 121	Humanities Early Civilizations 3		
HUM 122	Humanities Medieval to Modern 3		
HUM 123	Humanities Modern World 3		
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 212	American Literature after Civil War 3		
Ways of Thinking:			
PHI 111	Introduction to Philosophy 3		
PHI 112	Ethics 3		
PHI 113	Logic 3		
PHI 214	Philosophy of Religion 3		



Associate of Science Degree (AS)

Program: Pre-Veterinary



GRADUATION REQUIREMENTS

General Education	39 ¹
Major Requirements	21
Total Credit Hours Required	60

General Education Requirements 39¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
5 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra or higher	4	HIS 122 U.S. History since Civil War	3
MAT 122 Trigonometry	3	Economic and Political Systems:	
MAT 166 Pre-Calculus	5	ECO 201 Principles of Macroeconomics	3
MAT 201 Calculus I - required course	5	ECO 202 Principles of Microeconomics	3
MAT 202 Calculus II	5	POS 105 Introduction to Political Science	3
Physical and Life Sciences		POS 111 American Government	3
<i>Must complete a sequence of sciences</i> 12 credit hours minimum		POS 205 International Relations	3
AST 101 Astronomy I	4	Geography:	
AST 102 Astronomy II	4	GEO 105 World Regional Geography	3
BIO 111 General College Biology I - required course	5	Human Behavior and Social Systems:	
BIO 112 General College Biology II - required course	5	ANT 101 Cultural Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	ANT 111 Physical Anthropology	3
BIO 202 Human Anatomy & Physiology II	4	PSY 101 General Psychology I	3
BIO 204 Microbiology	4	PSY 102 General Psychology II	3
BIO 220 General Zoology	5	PSY 227 Psychology of Death and Dying	3
BIO 221 Botany	5	PSY 235 Human Growth and Development	3
CHE 111 General College Chemistry I	5	PSY 238 Child Development	3
CHE 112 General College Chemistry II	5	PSY 249 Abnormal Psychology	3
ENV 101 Environmental Science	4	SOC 101 Introduction to Sociology	3
GEY 111 Physical Geology	4	SOC 102 Introduction to Sociology II	3
GEY 112 Historical Geology	4	SOC 205 Sociology of Family Dynamics	3
PHY 111 Physics: Algebra-Based I	5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

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Pre-Veterinary Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 19 credits from list below</i>	19 credit hours
Arts:		All electives must be in the area of Math and Science	
ART 110	3	CHE 111	5
ART 111	3	CHE 112	5
ART 112	3	PHY 111	5
MUS 120	3	PHY 112	5
MUS 121	3	PHY 211	5
MUS 122	3	PHY 212	5
MUS 123	3	BIO 204	4
THE 105	3	MAT 135	3
THE 211	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
THE 212	3		
SPA 211	3		
SPA 212	3		
Literature & Humanities:			
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		



Associate of Science Degree (AS)

Program: Psychology



GRADUATION REQUIREMENTS

General Education	41 ¹
Major Requirements	19
Total Credit Hours Required	60

Mission Statement:

The mission of the Social and Behavioral Sciences Program is to promote individual, social, and political awareness; to encourage civic engagement; and to develop ethical and empathetic global citizens within a changing and complex world.

Program Learning Outcomes:

- Demonstrate an understanding of theories and their practical application within the sciences of Psychology, Sociology, and Economics.
- Use technologies appropriately to conduct research in order to evaluate and manage information.
- Identify and apply methods, such as observation, hypothesis development, experimentation, evaluation of evidence or measurement and data collection, used by social scientists to study human behavior.

General Education Requirements 41¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours	Social & Behavioral Sciences 9 credit hours
ENG 121 English Composition I 3	<i>9 credits in two different areas, 1 must be a History</i>
ENG 122 English Composition II 3	History:
COM 115 Public Speaking or 125 Interpersonal Communication 3	HIS 101 Western Civ: Antiquity-1650 3
Mathematics 4 credit hours minimum	HIS 102 Western Civ: 1650-Present 3
MAT 121 College Algebra or higher - required course 4	HIS 121 U.S. History to Reconstruction 3
MAT 122 Trigonometry 3	HIS 122 U.S. History since Civil War 3
MAT 166 Pre-Calculus 5	Economic and Political Systems:
MAT 201 Calculus I 5	ECO 201 Principles of Macroeconomics 3
MAT 202 Calculus II 5	ECO 202 Principles of Microeconomics 3
Physical and Life Sciences	POS 105 Introduction to Political Science 3
<i>Must complete a sequence of sciences 10 credit hours minimum</i>	POS 111 American Government 3
AST 101 Astronomy I 4	POS 205 International Relations 3
AST 102 Astronomy II 4	Geography:
BIO 111 General College Biology I - required course 5	GEO 105 World Regional Geography 3
BIO 112 General College Biology II 5	Human Behavior and Social Systems:
BIO 201 Human Anatomy & Physiology I 4	ANT 101 Cultural Anthropology 3
BIO 202 Human Anatomy & Physiology II 4	ANT 111 Physical Anthropology 3
BIO 204 Microbiology 4	PSY 101 General Psychology I 3
BIO 220 General Zoology 5	PSY 102 General Psychology II 3
BIO 221 Botany 5	PSY 227 Psychology of Death and Dying 3
CHE 101 Introduction to Chemistry I 5	PSY 235 Human Growth and Development 3
CHE 111 General College Chemistry I - required course 5	PSY 238 Child Development 3
CHE 112 General College Chemistry II 5	PSY 249 Abnormal Psychology 3
ENV 101 Environmental Science 4	SOC 101 Introduction to Sociology 3
GEY 111 Physical Geology 4	SOC 102 Introduction to Sociology II 3
GEY 112 Historical Geology 4	SOC 205 Sociology of Family Dynamics 3
PHY 111 Physics: Algebra-Based I 5	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>
PHY 112 Physics: Algebra-Based II 5	
PHY 211 Physics: Calculus-Based I 5	
PHY 212 Physics: Calculus-Based II 5	
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>	

Continued on next page

Psychology Continued

Arts and Humanities <i>9 credits in two different areas</i>	9 credit hours	Electives** <i>Choose 19 credits from list below</i>	19 credit hours
Arts:		PSY 101 General Psychology I	3
ART 110 Art Appreciation	3	PSY 102 General Psychology II	3
ART 111 Art History I	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
ART 112 Art History II	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 Theater Appreciation	3		
THE 211 Development of Theatre I	3		
THE 212 Development of Theatre II	3		
SPA 211 Spanish Language III	3		
SPA 212 Spanish Language IV	3		
Literature & Humanities:			
HUM 115 World Mythology	3		
HUM 121 Humanities Early Civilizations	3		
HUM 122 Humanities Medieval to Modern	3		
HUM 123 Humanities Modern World	3		
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 212 American Literature after Civil War	3		
Ways of Thinking:			
PHI 111 Introduction to Philosophy - required course	3 or		
PHI 112 Ethics - required course	3		
PHI 113 Logic	3		
PHI 214 Philosophy of Religion	3		



Associate of Science Degree (AS)

Program: Soil and Crop Sciences



GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22
Total Credit Hours Required	60

General Education Requirements 38¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication	9 credit hours	Social & Behavioral Sciences	9 credit hours
ENG 121 English Composition I	3	<i>9 credits in two different areas, 1 must be a History</i>	
ENG 122 English Composition II	3	History:	
COM 115 Public Speaking	3	HIS 101 Western Civ: Antiquity-1650	3
Mathematics		HIS 102 Western Civ: 1650-Present	3
4 credit hours minimum		HIS 121 U.S. History to Reconstruction	3
MAT 121 College Algebra - required course	4	HIS 122 U.S. History since Civil War	3
MAT 125 Survey of Calculus or higher Calculus - required course	4	Economic and Political Systems:	
MAT 122 Trigonometry	3	AGE 102 Agriculture Economics - required course	3
MAT 166 Pre-Calculus	5	AGR 260 World Interdependence: Population & Food - required course	3
MAT 201 Calculus I	5	POS 105 Introduction to Political Science	3
MAT 202 Calculus II	5	POS 111 American Government	3
Physical and Life Sciences		POS 205 International Relations	3
<i>Must complete a sequence of sciences 10 credit hours minimum</i>		Geography:	
AST 101 Astronomy I	4	GEO 105 World Regional Geography	3
AST 102 Astronomy II	4	Human Behavior and Social Systems:	
BIO 111 General College Biology I or - required course	5	ANT 101 Cultural Anthropology	3
BIO 112 General College Biology II	5	ANT 111 Physical Anthropology	3
BIO 201 Human Anatomy & Physiology I	4	PSY 101 General Psychology I	3
BIO 202 Human Anatomy & Physiology II	4	PSY 102 General Psychology II	3
BIO 204 Microbiology	4	PSY 227 Psychology of Death and Dying	3
BIO 220 General Zoology	5	PSY 235 Human Growth and Development	3
BIO 221 Botany - required course	5	PSY 238 Child Development	3
CHE 101 Introduction to Chemistry or - required course	5	PSY 249 Abnormal Psychology	3
CHE 111 General College Chemistry I - required course	5	SOC 101 Introduction to Sociology	3
CHE 112 General College Chemistry II	5	SOC 102 Introduction to Sociology II	3
ENV 101 Environmental Science	4	SOC 205 Sociology of Family Dynamics	3
GEY 111 Physical Geology	4	<i>The Colorado Community College System has mandated that students must be placed in English, Reading, & Math according to their college placement scores. Therefore, developmental courses (English/Reading 092/094 & Math 050/055) will not count toward this degree.</i>	
GEY 112 Historical Geology	4		
PHY 111 Physics: Algebra-Based I	5		
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5		
<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>			

Continued on next page

Soil and Crop Sciences Continued

Arts and Humanities <i>6 credits in two different areas</i>	6 credit hours	Electives** <i>Choose 22 credits from list below</i>	22 credit hours
Arts:		AGY 100 General Crops - required course	4
ART 110	3	AGY 240 Introductory Soil Science - required course	4
ART 111	3	ACC 121 Accounting Principles I	4
ART 112	3	AGE 205 Farm & Ranch Management	3
MUS 120	3	AGE 208 Agriculture Finance	3
MUS 121	3	AGE 210 Agriculture Marketing	3
MUS 122	3	ASC 100 Animal Science	3
MUS 123	3	ASC 225 Feeds & Feeding	4
THE 105	3	BIO 222 General College Ecology	4
THE 211	3	CIS 118 Introduction to PC Applications	3
THE 212	3	CHE 112 General College Chemistry II	5
SPA 211	3	ECO 201 Principles of Macroeconomics	3
SPA 212	3	GEY 111 Physical Geology	4
		HWE 100 Human Nutrition	3
		MAT 135 Introduction to Statistics	3
		PHY 105 Conceptual Physics or	4
		PHY 111 Physics I: Algebra Based or	5
		PHY 211 Physics I: Calculus Based	5
		RAM 205 Principles of Range Management	3
Literature & Humanities:		<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
HUM 115	3		
HUM 121	3		
HUM 122	3		
HUM 123	3		
LIT 115	3		
LIT 201	3		
LIT 202	3		
LIT 211	3		
LIT 212	3		
Ways of Thinking:			
PHI 111	3		
PHI 112	3		
PHI 113	3		
PHI 214	3		





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**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Addictions Counseling
Campus: Valley



GRADUATION REQUIREMENTS	
Core Credits	45
Major Requirements	15
Total Credit Hours Required	62
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	8 - 9

Mission Statement:

The CAC Clinical Training Program is designed to train addiction counselors in addiction counseling techniques and prepare them to work effectively within a variety of treatment settings and with a variety of addictive behaviors. Certified and licensed addiction counselors will possess a body of knowledge, skills, training and work experience in the treatment of addictive behaviors.

Program Learning Outcomes:

Students graduating with a Level I or Level II Certificate or Associate of Applied Science degree in Addiction Counseling will be prepared to:

- Demonstrate counseling skills necessary to work with clients with different types of addiction.
- Demonstrate skills that assist clients with addictive behaviors in a variety of treatment settings with an emphasis on professionalism and ethics.
- Apply theory to practical situations of addiction counseling.

Communication			6 credits	Required Social and Behavioral Sciences			30 credits
ENG 121	English Composition I		3	SOC 101	Introduction to Sociology		3
COM 115	Public Speaking or 125 Interpersonal Communications		3	PSY 101	General Psychology I		3
Mathematics			3 credits	PSY 226	Social Psychology		3
MAT 107+	Career Mathematics or 121 College Algebra		3	PSY 235	Human Growth and Development		3
				PSY 249	Abnormal Psychology		3
Addictions Counseling Core			credits	Electives**			6 credits
CSL 245	Professional Ethics I		1	<i>**Two courses from GT Pathways from Science, Social and Behavioral Science, Arts and Humanities or other electives as approved by Advisor.</i>			
CSL 255	Infectious Diseases-Counselors		1				
CSL 260	Client Records Management		1				
CSL 268	Addictions Counseling Skills		1.5				
CSL 269	Principles of Addictions		1.5				
CSL 265	Culturally Informed Treatment		1	Certified Addictions Counseling Level I Certificate			credits
CSL 251	Pharmacology I for Counselors		1	CSL 245	Professional Ethics I		1
CSL 257	Professional Ethics II		1	CSL 255	Infectious Diseases-Counselors		1
CSL 249	Assess Pbs / Psychoactive Drug		1	CSL 260	Client Records Management		1
CSL 250	Motivational Interviewing		1.5	CSL 268	Addictions Counseling Skills		1.5
CSL 252	Pharmacology II for Counselors		1	CSL 269	Principles of Addictions		1.5
CSL 256	Co-occurring Disorders		1	CSL 265	Culturally Informed Treatment		1
CSL 254	Trauma Informed Care		1	CSL 251	Pharmacology I for Counselors		1
CSL 253	Cognitive Behavioral Therapy		1	TOTAL LEVEL I CERTIFICATE CREDITS			8
CSL 258	Group Counseling Skills		1.5				
<i>15 Hours of Electives from the following options are required for the degree:</i>							
PSY 102	General Psychology II		3	Certified Addictions Counseling Level II Certificate			credits
PSY 240	Health Psychology		3	CSL 257	Professional Ethics II		1
PSY 245	Educational Psychology		3	CSL 249	Assess Pbs / Psychoactive Drug (Clinical Assessment & Treatment Planning)		1
PSY 227	Psychology of Death and Dying		3	CSL 250	Motivational Interviewing		1.5
PSY 237	Child and Adolescent Psychology		3	CSL 252	Pharmacology II for Counselors		1
PSY 238	Child Development		3	CSL 256	Co-occurring Disorders		1
SOC 102	Introduction to Sociology II		3	CSL 254	Trauma Informed Care		1
SOC 205	Sociology of Family Dynamics		3	CSL 253	Cognitive Behavioral Therapy		1
SOC 231	Sociology-Deviant Behavior		3	CSL 258	Group Counseling Skills		1.5
PHI 111	Intro to Philosophy		3	TOTAL LEVEL II CERTIFICATE CREDITS			9
PHI 220	Philosophy of Death and Dying		3				
<i>Or other electives as approved by Administrator</i>							
TOTAL DEGREE CREDITS			62				

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Administrative Medical Assistant Certificate

Campus: Valley



GRADUATION REQUIREMENTS

Core Credits	43
Major Requirements	15
Electives	2
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	41
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Mission Statement:

The Administrative Medical Assistant program prepares students for front office work in physicians' offices, clinics, and hospitals medical offices by providing training in basic medical sciences, transcription, and office administration.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree as an Administrative Medical Assistant will be prepared to:

- Demonstrate proficiency in medical terminology and transcription.
- Demonstrate proficiency in medical office administration, including billing, coding, and finances.
- Use computers and other technology proficiently for administrative tasks.
- Identify and model professional conduct and ethical behavior in multicultural workplace settings.
- Communicate effectively using interpersonal skills, business communication, and technical and report writing.

Communication		6 credits
ENG 121	English Composition I	3
COM 115	Public Speaking or 125 Interpersonal Communications	3
Mathematics		3 credits
MAT 107+	Career Mathematics or 121 College Algebra	3
Humanities/Science/Social & Behavioral Science		6 credits
<i>From the GT Pathways listing</i>		
AAS Administrative Medical Assistant degree		credits
<i>Students pursuing the Associate of Applied Science degree need 4 credits of electives from the following:</i>		
AAA 050	Semester Survival	2
HPR 106	Law & Ethics for Health Professionals	2
PSY 227	Psychology of Death and Dying	3
MAN 117	Time Management	1
MAN 102	Ethics and Values	1
CSL 245	Professional Ethics	1
EMS 275	ST: Spanish for Healthcare Professionals	2
BTE 103	Keyboarding Applications II	3
or electives approved by advisor		
TOTAL ADMINISTRATIVE MEDICAL ASSISTANT CREDITS		60
Administrative Medical Assistant Certificate		Credits
<i>Students pursuing the Associate of Applied Science degree need 4 credits of electives from the following:</i>		
AAA 050	Semester Survival	2
HPR 106	Law & Ethics for Health Professionals	2
PSY 227	Psychology of Death and Dying	3
MAN 117	Time Management	1
MAN 102	Ethics and Values	1
CSL 245	Professional Ethics	1
EMS 275	ST: Spanish for Healthcare Professionals	2
BTE 103	Keyboarding Applications II	3
or electives approved by advisor		
TOTAL ADMINISTRATIVE MEDICAL ASSISTANT CREDITS		41

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)
Agribusiness/Agriculture Technology
Campus: Valley**



GRADUATION REQUIREMENTS	
Core Credits	25
Electives	24
Major Requirements	15
Total Credit Hours Required	60
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	18 - 37

Mission Statement:

The Agribusiness Technology curriculum is designed to prepare individuals for careers in the agribusiness segment of the agricultural industry. It provides an understanding of basic business concepts and principles as they relate to the agricultural industry. Students will learn the principles of organization and management in agricultural businesses and the application of these principles in agricultural sciences.

Program Learning Outcomes:

Program Learning Outcomes: Students graduating with a certificate or Associate of Applied Science degree in Agriculture will be prepared to:

- Plan an efficient and profitable agriculture business.
- Perform calculations needed in the agriculture industry.
- Use computer skills effectively in the agriculture industry.
- Communicate effectively.

Communication		6 credits
ENG 115	Technical Writing or 121 English Composition I	3
COM 115	Public Speaking or 125 Interpersonal Communications	3
Mathematics		3 credits
MAT 107 +	Career Mathematics or 121 College Algebra	3
MAT 121	College Algebra	4
MAT 135	Intro to Statistics	3
Humanities/Science/Social & Behavioral Science		6 credits
<i>Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications</i>		
AH1, AH2, HI1, SS1, SC1	Arts & Humanities, Social & Behavioral, and / or Physical Life Sciences	
Agribusiness/Agribusiness Technology Core		45 credit
AGE 205	Farm and Ranch Management	3
AGE 208	Ag Finance	3
AGE 210	Ag Marketing	3
AGY 100	General Crop Production	4
AGP 107	Irrigation management	2
AGY 180	Production Ag Internship	3
AGY 240	Intro to Soil Science	3
BUS 115	Introduction to Business	3
ASC 100	Animal Science	3
ASC 225	Feeds and Feeding	4
ASC 250	Live Animal and Carcass Evaluation	3
Electives		10 credits
10 credit hours of electives as approved from the following prefixes: AGY, AGE, AGP, ASC, BIO, CHE, PHY, RAM, or as approved by the administration		
TOTAL DEGREE CREDITS		60

Agribusiness/Agriculture Technology Continued

Ag Mechanics Certificate	credits	Humanities/Science/Social & Behavioral Science	6 credits
ASE 120 Basic Auto Electricity	2	Humanities	3
ASE 123 Battery Starting and Charging	2	or Science	3
DPM 100 Introduction to Diesel Mechanics	4	or Social & Behavioral Science	3
DPM 103 Diesel Engines I	4	TOTAL CREDITS	15
DPM 121 Hydraulic Systems I	3		
MAT 107 Career Math	3		
18 credit hours of electives as approved from the following prefixes: ADE, ASE, CAR, CON, DPM, DRV, HEQ, or as approved by the administration			
TOTAL CERTIFICATE CREDITS			36
Animal Science Certificate	credits	Ag Business Certificate	Credits
AGE 205 Farm and Ranch Management	3	CIS 118 Introduction to PC Applications	3
AGE 208 Ag Finance	3	ACC 121 Accounting Principles I	4
ASC 100 Animal Science	3	ASC 100 Animal Science	3
ASC 225 Feeds and Feeding	4	AGE 205 Farm and Ranch Management	3
ASC 250 Live Animal and Carcass Evaluation	3	AGE 208 Ag Finance	3
CIS 118 Introduction to PC Applications	3	AGE 210 Ag Marketing	3
MAT 107, MAT 121, or MAT 135, Certificate students may take MAT 107 Career Math; transfer students need MAT 121 or 135		BUS 115 Introduction to Business	3
MAT 107 Career Math; transfer students need MAT 121 or 135		AGE 102 Ag Economics or ECO 201 Principles of Macroeconomics	3
BIO 111, CHE 101, CHE 107, or CHE 111 Certificate students may take BIO 111 College Biology 111; Transfer students may take approved Chemistry classes		MAT 107, MAT 121, or MAT 135	3
BIO 111, CHE 101, CHE 107, or CHE 111 Certificate students may take BIO 111 College Biology 111; Transfer students may take approved Chemistry classes		Certificate students may take MAT 107 Career Math; transfer students need MAT 121 or 135	3
9 credit hours of electives as approved from the following prefixes: ACC, AGE, ASE, BIO, CHE, CIS, ECO, RAM, or as approved by administration		TOTAL CERTIFICATE CREDITS	36
TOTAL CERTIFICATE CREDITS			36
Advanced Ag Science Certificate	credits	Crop Science Certificate	credits
AGY 100 General Crop Production	4	ADE 135 Small Gas Engines	3
ACC 121 Accounting Principles I	4	BIO 111 General College Biology	5
AGE 208 Ag Finance	3	AGE 205 Farm and Ranch Management	3
ASC 100 Animal Science	3	AGY 240 Intro to Soil Science	4
ASC 225 Feeds and Feeding	4	AGY 100 General Crop Production	4
BIO 111 General College Biology	5	AGP 107 Irrigation management	2
CHE 101, 111, 112, 205 or CHE 211 Certificate students may take CHE 111 or 112; transfer students may also need CHE 205 or CHE 211		CIS 118 Introduction to PC Applications	3
ECO 201 Principles of Macroeconomics		MAT 107, MAT 121, or MAT 135	
MAT 135 Introduction to Statistics		Certificate students may take MAT 107 Career Math; transfer students need MAT 121 or 135	3
RAM 205 Principles of Range Management		9 credit hours of electives as approved from the following prefixes: AGY, AGE, ASC, BIO, CHE, PHY, RAM, or as approved by the administration	
TOTAL CERTIFICATE CREDITS		TOTAL CERTIFICATE CREDITS	36
37			

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Aquaculture
Campus: Valley



GRADUATION REQUIREMENTS	
General Education	50
Major Requirements	15
Total Credit Hours Required	65
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	30

Mission Statement:

The mission the Aquaculture program is to prepare students for employment by providing hands-on skills, knowledge and practical experience in aquatic science and culture systems management.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Aquaculture will be prepared to:

- Understand and apply knowledge related to the biological and physiological processes of aquatic organisms.
- Diagnose and treat fish diseases.
- Manage and maintain many types of culture systems.
- Demonstrate excellent husbandry practices.

Communication			6 credits	Humanities/Science/Social & Behavioral Science			6 credits
ENG 115+	Technical Writing or 121 English Composition I	3		Humanities	3		
COM 115	Public Speaking or 125 Interpersonal Communications	3		or Science	3		
				or Social & Behavioral Science	3		
Mathematics			3 credits	TOTAL CREDITS			15
MAT 107+	Career Mathematics or 121 College Algebra	3		Certificate			Credits
Degree Core Classes			credits	AQT 101	Introduction to Aquaculture	3	
AQT 101	Introduction to Aquaculture	3		AQT 102	Fish Biology and Ichthyology	5	
AQT 102	Fish and Biology and Ichthyology	5		AQT 103	Fish Disease	5	
AQT 103	Diseases of Fish	5		AQT 104	Fish Nutrition	4	
AQT 104	Fish Nutrition	4		AQT 105	Water Quality for Fishes	4	
AQT 105	Water Quality for Fishes	4		AQT 110	Aquaculture	3	
AQT 110	Aquaculture I	3		MAT 107	Career Math	3	
AQT 210	Aquaculture II	5			Approved Electives	3	
AQT 230	Aquaculture Engineering and Design	4		TOTAL CERTIFICATE CREDITS			30
AQT 240	Aquaculture Business and Marketing	4		Aquaculture Technology Certificate			credits
AQT 275	Spec Topics: Aquaculture Practicum	4		AQT 101	Introduction to Aquaculture	3	
AQT 288	Aquaculture Practicum	6		AQT 103	Fish Disease	5	
	Aquaculture Electives	3		AQT 105	Water Quality for Fishes	4	
TOTAL AQUACULTURE CREDITS			50	AQT 210	Aquaculture II	5	
TOTAL AAS DEGREE CREDITS			65	TOTAL CERTIFICATE CREDITS			17



**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Automotive Service Technology
Campus: Trinidad and Valley



GRADUATION REQUIREMENTS	
General Education	52
Major Requirements	15 ¹
Total Credit Hours Required	67
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	52

Mission Statement:

The Automotive Service Technology program prepares students for employment in the automotive service industry by providing skills, knowledge and practice of customer service, vehicle repair and management.

Program Learning Outcomes:

Program Learning Outcomes: Students graduating with a certificate or Associate of Applied Science degree in Automotive Service Technology will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate correct diagnostic and repair strategies to maintain modern automobiles and light trucks.
- Apply theory to practical situations of vehicle repair and maintenance.
- Work in a team environment.
- Manage and supervise teams.

Communication				6 credits		Humanities/Science/Social & Behavioral Science				6 credits	
ENG	115+	Technical Writing or 121	English Composition I	3							
COM	115	Public Speaking or 125	Interpersonal Communications	3					or	Humanities	3
									or	Science	3
									or	Social & Behavioral Science	3
Mathematics				3 credits							
MAT	107+	Career Mathematics or 121	College Algebra	3							
Degree Core Classes				credits		Certificate Core Requirements				credits	
ASE	102	Intro to the Automotive Shop		2	ASE	102	Intro to the Automotive Shop		2		
ASE	120	Basic Auto Electricity		2	ASE	120	Basic Auto Electricity		2		
ASE	123	Starting & Charging Sys		2	ASE	123	Starting & Charging Sys		2		
ASE	132	Ignition Systems Diag & Repair		2	ASE	132	Ignition Systems Diag & Repair		2		
ASE	221	Auto/Diesel Body Electrical		4	ASE	221	Auto/Diesel Body Electrical		4		
ASE	110	Brakes I		3	ASE	110	Brakes I		3		
ASE	210	Auto Pwr/ABS Brake Systems		3	ASE	210	Auto Pwr/ABS Brake Systems		3		
ASE	140	Suspension and Steering I		3	ASE	140	Suspension and Steering I		3		
ASE	240	Suspension & Steering II		3	ASE	240	Suspension & Steering II		3		
ASE	150	Man Drv Trn & Axle		2	ASE	150	Man Drv Trn & Axle		2		
ASE	130	General Engine Diagnosis		2	ASE	130	General Engine Diagnosis		2		
ASE	160	Auto Engine Repair		2	ASE	160	Auto Engine Repair		2		
ASE	134	Autofuel & Emissions Syst I		2	ASE	134	Autofuel & Emissions Syst I		2		
ASE	233	Auto Fuel Injection/Emissions		4	ASE	233	Auto Fuel Injection/Emissions		4		
ASE	231	Auto Comp & Ignition Sys		2	ASE	231	Auto Comp & Ignition Sys		2		
ASE	151	Man Trans/Transaxles&Clutches		2	ASE	151	Man Trans/Transaxles&Clutches		2		
ASE	152	Man Trans/Transaxles&Clutch II		2	ASE	152	Man Trans/Transaxles&Clutch II		2		
ASE	235	Drivability & Diagnosis		2	ASE	235	Drivability & Diagnosis		2		
ASE	250	Auto Trans/Transaxle Service		1	ASE	250	Auto Trans/Transaxle Service		1		
ASE	260	Advanced Engine Diagnosis		2	ASE	260	Advanced Engine Diagnosis		2		
ASE	265	HVAC Systems		5	ASE	265	HVAC Systems		5		
TOTAL CORE CREDITS				52	TOTAL CORE CREDITS				52		

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Business Management

Campus: Trinidad and Valley



GRADUATION REQUIREMENTS

Core Credits	46
Major Requirements	15
Total Credit Hours Required	61

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	12 - 35
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Mission Statement:

The mission of the Business Management Program of Trinidad State Junior College is to provide a diverse student population with educational experiences and opportunities that assist them in the development of becoming ethical, responsible, and resourceful business professionals. The Business Management student will be prepared to obtain employment or to transfer to a four-year college/university. The program also provides continuous training and education, offering professionals the opportunity to update their skills and remain competitive in the job market.

Program Learning Outcomes:

Student graduating with a certificate or Associate of Applied Science degree in Business Management will be prepared to:

- Demonstrate professional ethics in the workplace.
- Demonstrate professional managerial skills utilized in the workplace.
- Demonstrate quality customer service in the workplace by attending to customers' requests in a timely and courteous manner.
- Apply theory to practical situations working in an organization.

Communication			6 credits
ENG 121	English Composition I		3
COM 115	Public Speaking or 125 Interpersonal Communications		3
Mathematics			3 credits
MAT 107+	Career Mathematics		3
Humanities/Science/Social & Behavioral Science			6 credits
	Humanities		3
or	Science		3
or	Social & Behavioral Science		3
Associate Degree Construction Core Classes			credits
ACC 121	Accounting Principles I		4
BUS 102	Entrepreneurial Operations		3
BUS 115	Introduction to Business		3
MAN 102	Business Ethics and Values		1
ACC 245	Computerized Accounting w/ Pro Package		3
CIS 118	Intro to PC Applications		3
BUS 217	Business Communications/Report Writing		3
BUS 216	Legal Environment of Business		3
MAT 112	Financial Mathematics		3
MAN 117	Time Management		1
Construction Core Requirements Continued			credits
MAN 226	Principles of Management		3
MAR 216	Principles of Marketing		3
MAN 200	Human Resource Management		3
MAR 160	Customer Service		3
CIS 155	PC-Spreadsheets Concepts		3
BUS 289	Capstone		1
<i>Electives from the following prefix: ACC, BUS, BTE, CIS, MGD, MAN</i>			3
TOTAL BUSINESS CORE CREDITS			46
TOTAL AAS DEGREE CREDITS			61

Continued on next page

Business Management Continued

Accounting Clerk Certificate			credits	Graphic Design Certificate			credits
ACC 115	Payroll Accounting		3	MGD 133	Graphic Design I		3
ACC 121	Principles of Accounting I		4	MGD 141	Web Design I		3
ACC 132	Tax Help Colorado		2	MGD 114	InDesign		3
BTE 108	Ten-Key by Touch		1	MGD 143	Web Motion Graphic Design I		3
CIS 155	PC Spreadsheet Concepts		3	ART 121	Drawing I		3
ACC 122	Accounting Principles II		4	MGD 111	Adobe Photoshop I		3
ACC 135	Spreadsheet Apps for Accounting		3	MGD 112	Adobe Illustrator		3
ACC 245	Computerized Accounting		3	MGD 289	Capstone		1
ACC 133	Tax Help Colorado Practicum		1		Photography Class		3
TOTAL CERTIFICATE CREDITS			24	TOTAL CERTIFICATE CREDITS			25
Basic Job Skills Mini-Certificate			credits	Office Basics Mini-Certificate			credits
BTE 103	Keyboarding Applications II ** with permission		3	BTE 100	Computer Keyboarding and 112 Keyboarding Speedbuilding II	3 or	
CIS 167	Desktop Publishing or MGD 114 InDesign		3	BTE 175	Special Topic and BTE 102 Keyboarding classes		3
CIS 135	Complete PC Wordprocessing		3	BTE 108	Ten-Key by Touch		1
BUS 217	Bus Com/Report Writing or BTE 125Admin Office Mgmt		3	BUS 117	Business Writing		1
CIS 118	Intro to PC Applications		3	CIS 118	Intro to PC Applications		3
COM 125	Interpersonal Communication		3	COM 125	Interpersonal Communication		3
	Internship or Elective		3	BTE 116	File Management		1
TOTAL CERTIFICATE CREDITS			21	BTE 175	and 102 or BTE 103 Keyboarding classes		3
				CIS 135	Complete PC Word Processing		3
				MAN 117	Time Management		1
				BTE 129	Telecommunications		0.5
					BUS, BTE, or CIS elective or internship		3
Business Management Certificate				TOTAL CERTIFICATE CREDITS			22.5
BUS 115	Introduction to Business		3				
MAN 102	Business Ethics and Values		1	Office Professional Certificate			credits
CIS 118	Intro to PC Applications		3	ACC 101	Fundamentals of Accounting		3
BUS 217	Business Communications/Report Writing		3	BUS 217	Business Communications/Report Writing		3
BUS 216	Legal Environment of Business		3	BTE 108	Ten-Key by Touch		1
MAT 112	Financial Mathematics		3	BTE 102	Keyboarding Apps I		2
MAN 117	Time Management		1	CIS 118	Introduction to PC Applications		3
MAN 226	Principles of Management		3	ACC 245	Computerized Accounting		3
MAR 216	Principles of Marketing		3	BTE 225	Office Management		3
MAN 200	Human Resource Management		3	CIS 155	PC Spreadsheet Concepts		3
MAR 160	Customer Service		3	CIS 135	Complete PC Word Processing		3
BUS 102	Entrepreneurial Operations		3	BUS 115	Introduction to Business		3
CIS 155	PC-Spreadsheets Concepts		3	TOTAL CERTIFICATE CREDITS			27
TOTAL CERTIFICATE CREDITS			35				
				Team Leadership			credits
				MAN 175	Foundations of Leadership: Special Topics		3
				MAN 224	Leadership		3
				<i>6 credit hours of electives from the following:</i>			
Entrepreneurial Operations			credits	BUS 217	Business Communications		3
BUS 102	Entrepreneurial Operations		3	COM 217	Group Communications		3
BUS 115	Introduction to Business		3	MAN 226	Principles of Management		3
BUS 216	Legal Environment of Business		3	PHI 112	Ethics		3
BUS 217	Business Communications/Report Writing		3	PHI 113	Logic		3
MAT 112	Financial Mathematics		3	PSY 226	Social Psychology		3
BUS 289	Capstone		2	TOTAL CERTIFICATE CREDITS			12
TOTAL CERTIFICATE CREDITS			17				

Certificate Option(s)
Program: Construction Technology
Campus: Valley



**CERTIFICATE GRADUATION
 REQUIREMENTS**

Total Credits

13

Mission Statement:

The Construction Technology program prepares students for careers in the building industries through project planning, contemporary construction practices, and current safety standards associated with construction.

Program Learning Outcomes:

Students graduating with a certificate in Construction Technology will be prepared to:

- Demonstrate and use industry safety standards.
- Demonstrate blueprint reading skills necessary for the profession.
- Demonstrate basic carpentry skills used in the construction industry.
- Interpret the concepts of a problem-solving task and translate them into mathematics.
- Demonstrate skills that are readily needed in the construction industry workforce.
- Demonstrate professional ethics in the workplace.
- Demonstrate preparedness to enter the workforce in the field of construction.

Construction Layout and Blueprint			credits
CAR 100	Intro to Carpentry		1
CAR 105	Job Site Layout/Blueprint Reading		1
CAR 133	Construction Framing & Safety		4
CAR 156	Shop Tools: stationary, hand portable		4
CAR 120	General Construction Framing		1
CON 128	Cost Estimation		2
TOTAL CERTIFICATE CREDITS			13
Interior and Exterior Carpentry			credits
CAR 134	Exterior Finishes & Trim		4
CAR 144	Interior Trim and Finish Methods		4
CAR 153	Interior Trim: Cabinet/Countertops		1
CAR 160	Floor Finishes		1
CON 128	Cost Estimation		2
CAR 130	Windows and Exterior Doors		1
TOTAL CERTIFICATE CREDITS			13



Certificate and Associate of General Studies Degree

(AGS) Option(s)

Program: Cosmetology

Campus: Trinidad and Valley

When there is not AAS option available then the Associate of General Studies (AGS) is presented.



AGS OPTION GRADUATION REQUIREMENTS

Core Credits	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	60
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Mission Statement:

The Trinidad State Junior College Cosmetology Certificate Program is committed to educating the future salon professional with training and knowledge in current hair, skin, and nail procedures as well as the important salon dynamics of communication, customer care, and business principles which will lead to a successful career in the industry.

Program Learning Outcomes:

Students graduating with a certificate in Cosmetology will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Apply theory to practical situations of cosmetology services.
- Demonstrate customer confidentiality and service.

Associate of General Studies Degree Option (2 year)		credits	AGS Degree Option Continued (2 year)		credits
Cosmetology courses		28	Social and Behavioral Sciences		6
Communications core		6	Humanities		6
Mathematics		3	General Education Electives		7
Science		4	TOTAL AGS DEGREE CREDITS		60
Cosmetology Certificate		credits	Cosmetology Certificate Continued		credits
COS 103	Shampoos/Rinses/Conditioners I	1	COS 241	Advanced Chemical Texture	1
COS 203	Shampoos/Rinses/Conditioners II	1	COS 150	Laws, Rules, and Regulations	1
COS 110	Introduction to Hair Color	2	COS 250	Management, Ethics, Interpersonal Skills & Salesmanship	1
COS 111	Intermediate Hair Color	2	COS 160	Intro to Disinfection, Sanitation, & Safety	2
COS 210	Intermediate Hair Color II	2	COS 161	Intermediate I: Disinfection, Sanitation, & Safety	1
COS 211	Advanced Hair Color	2	COS 260	Intermediate II: Disinfection, Sanitation, & Safety	2
COS 120	Introduction to Haircutting	2	COS 261	Advanced Disinfection, Sanitation, & Safety	1
COS 121	Intermediate I Haircutting	2	NAT 110	Introduction to Manicures & Pedicures	3
COS 220	Intermediate II Haircutting	2	NAT 111	Intermediate Manicures & Pedicures	2
COS 221	Advanced Haircutting	2	NAT 210	Advanced Manicures & Pedicures	2
COS 130	Introduction to Hairstyling	2	NAT 211	Application of Artificial Nails	5
COS 131	Intermediate I: Hairstyling	2	EST 110	Introduction to Facials and Skin Care	3
COS 230	Intermediate II: Hairstyling	2	EST 111	Intermediate Facials and Skin Care	2
COS 231	Advanced Hairstyling	1	EST 210	Advanced Massage and Skin Care	2
COS 140	Introduction to Chemical Texture	1	EST 211	Facial Makeup	1
COS 141	Intermediate I: Chemical Texture	1	EST 212	Hair Removal	3
COS 240	Intermediate II: Chemical Texture	1	TOTAL CERTIFICATE CREDITS		60

Certificate and Associate of General Studies Degree

(AGS) Option(s)

Program: Barber Certificate

Campus: Valley

When there is not AAS option available then the Associate of General Studies (AGS) is presented.



AGS OPTION GRADUATION REQUIREMENTS

Core Credits	46
Major Requirements	15
Total Credit Hours Required	61

Mission Statement:

The Trinidad State Junior College Barber Certificate Program is committed to educating the future salon professional with training and knowledge in current hair, skin and shaving as well as the important salon dynamics of communication, customer care, and business principles which will lead to a successful career in the industry.

Program Learning Outcomes:

Students graduating with a certificate in Barbering will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Apply theory to practical situations of barbering services.
- Demonstrate customer confidentiality and service.

Associate of General Studies Degree Option (2 year)	credits	Associate of General Studies Degree Option (2 year)	credits
Cosmetology courses	28	Social and Behavioral Sciences	6
Communications core	6	Humanities	6
Mathematics	3	General Education Electives	7
Science	4	TOTAL AGS DEGREE CREDITS	60
Barber Certificate Program	credits	Barber Certificate Program	credits
BAR 103 Introduction to Hair & Scalp	1	BAR 140 Intro to Permanent Waves/Chemical Relaxers	3
BAR 203 Advanced Hair & Scalp	1	BAR 141 Intermediate Permanent Waves/Chemical Relaxers	3
BAR 166 Introduction to Facial Massage & Skin Care	1	BAR 241 Advanced Permanent Waves/Chemical Relaxers	2
BAR 167 Intermediate Facial Massage & Skin Care	1	BAR 110 Introduction to Hair Coloring	3
BAR 266 Advanced Facial Massage & Skin Care	1	BAR 111 Intermediate Hair Coloring	2
BAR 107 Introduction to Shaving, Honing, & Stropping	1	BAR 211 Advanced Hair Coloring	3
BAR 108 Intermediate Shaving, Honing, & Stropping	1	COS 150 Laws, Rules, and Regulations	1
BAR 207 Advanced Shaving, Honing, & Stropping	1	COS 250 Management, Ethics, Interpersonal Skills & Salesmanship	1
BAR 120 Introduction to Hair Cutting	3	COS 160 Introduction to Disinfection, Sanitation & Safety	2
BAR 121 Intermediate Hair Cutting	3	COS 161 Intermediate I: Disinfection, Sanitation & Safety	1
BAR 220 Advanced Hair Cutting	3	COS 260 Intermediate II: Disinfection, Sanitation & Safety	2
BAR 130 Introduction to Hair Styling	3	COS 261 Advanced Disinfection, Sanitation & Safety	1
BAR 131 Intermediate Hair Styling	3	TOTAL CERTIFICATE CREDITS	50
BAR 231 Advanced Hair Styling	3		



Associate of General Studies Degree and Certificate Option (s)

Program: Esthetician Certificate

Campus: Trinidad and Valley

When there is not AAS option available then the Associate of General Studies (AGS) is presented.



AGS OPTION GRADUATION REQUIREMENTS

Cosmetology Courses	28
Major Requirements	32
Total Credit Hours Required	60

CERTIFICATE GRADUATION

REQUIREMENTS

Total Credits	21
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Mission Statement:

The Trinidad State Junior College Esthetics Certificate Program is committed to preparing the future esthetician with the specialized theoretical knowledge and training in facial and exfoliation treatments, hair removal methods, makeup, false lash application methods along with important salon soft skills of communication, customer care, and business principles.

Program Learning Outcomes:

Students graduating with a certificate in Esthetics will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Apply theory to practical situations of cosmetology services.
- Demonstrate customer confidentiality and service.

Associate of General Studies Degree Option (2 year)		credits
	Cosmetology courses	28
	Communications core	6
	Mathematics	3
	Science	4
	Social and Behavioral Sciences	6
	Humanities	6
	General Education Electives	7
TOTAL AGS DEGREE CREDITS		60
Esthetician Certificate Classes		credits
EST 110	Introduction to Facials and Skin Care	3
EST 111	Intermediate Facials and Skin Care	2
EST 210	Advanced Massage and Skin Care	2
EST 211	Facial Makeup	1
EST 212	Hair Removal	3
COS 150	Laws, Rules and Regulations	1
COS 250	Management, Ethics, Interpersonal Skills and Salesmanship	1
COS 160	Introduction to Disinfection, Sanitation & Safety	2
COS 260	Intermediate II: to Disinfection, Sanitation & Safety	2
COS 262	Advanced II: Disinfection, Sanitation & Safety	3
HWE 103	Community First Aid and CPR	1
TOTAL CERTIFICATE CREDITS		21

Associate of General Studies Degree and Certificate Option (s)

(AGS) Option(s)

Program: Hairstylist Certificate

Campus: Trinidad and Valley

When there is not AAS option available then the Associate of General Studies (AGS) is presented.



AGS OPTION GRADUATION REQUIREMENTS

General Education	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	38
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Mission Statement:

The Trinidad State Junior College Hairstyling Certificate Program is committed to preparing the future salon professional with the knowledge and hands-on training in hairstyling procedures, haircutting techniques, hair coloring and lightening, and chemical texture services as well as communication, customer care, and business principles which will lead to a successful career as a licensed Hairstylist.

Program Learning Outcomes:

Students graduating with a certificate in Hairstyling will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Apply theory to practical situations of cosmetology services.
- Demonstrate customer confidentiality and service.

Associate of General Studies Degree Option (2 year)	credits	Associate of General Studies Degree Option (2 year)	credits
Cosmetology courses	28	Social and Behavioral Sciences	6
Communications core	6	Humanities	6
Mathematics	3	General Education Electives	7
Science	4	TOTAL AGS DEGREE CREDITS	60
Hairstylist Certificate Classes	credits	Hairstylist Certificate Classes	credits
COS 110 Introduction to Hair Color	2	COS 140 Introduction to Chemical Texture	1
COS 111 Intermediate Hair Color	2	COS 141 Intermediate I: Chemical Texture	1
COS 210 Intermediate Hair Color II	2	COS 240 Intermediate II: Chemical Texture	1
COS 211 Advanced Hair Color	2	COS 241 Advanced Chemical Texture	1
COS 120 Introduction to Haircutting	2	COS 150 Laws, Rules, and Regulations	1
COS 121 Intermediate I Haircutting	2	COS 250 Management, Ethics, Interpersonal Skills & Salesmanship	1
COS 220 Intermediate II Haircutting	2	COS 160 Intro to Disinfection, Sanitation, & Safety	2
COS 221 Advanced Haircutting	2	COS 161 Intermediate I: Disinfection, Sanitation, & Safety	1
COS 130 Introduction to Hairstyling	2	COS 260 Intermediate II: Disinfection, Sanitation, & Safety	2
COS 131 Intermediate I: Hairstyling	2	COS 261 Advanced Disinfection, Sanitation, & Safety	1
COS 230 Intermediate II: Hairstyling	2	COS 262 Advanced Disinfection, Sanitation, & Safety II	3
COS 231 Advanced Hairstyling	1	TOTAL CERTIFICATE CREDITS	38

Associate of Applied Science Degree (AAS)

Program: Manicurist Certificates

Campus: Trinidad And Valley

When there is not AAS option available then the Associate of General Studies (AGS) is presented.



AGS OPTION GRADUATION REQUIREMENTS

General Education	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	20
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Mission Statement:

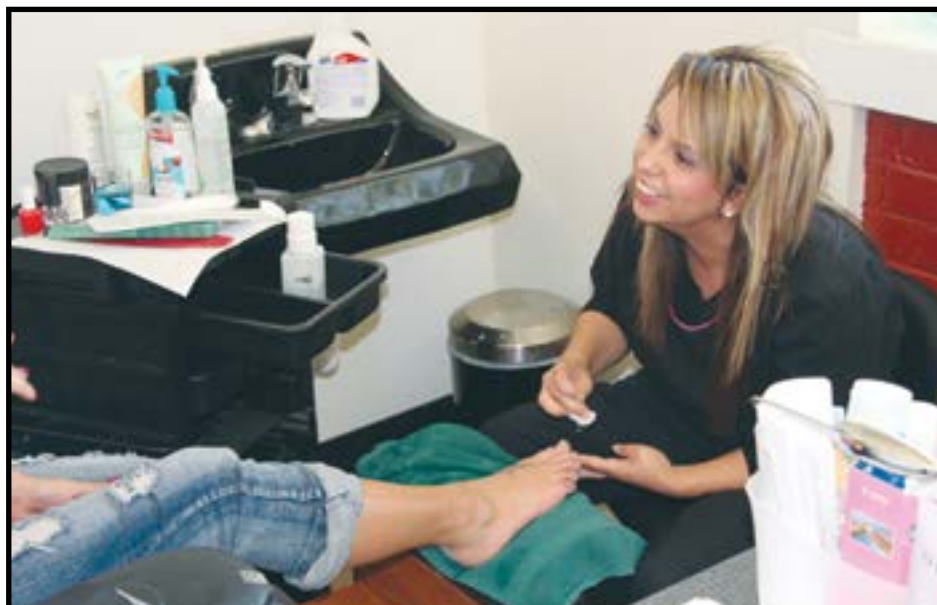
The Trinidad State Junior College Manicuring Certificate Program is committed to educating the future nail technician in the latest techniques of manicuring, pedicuring, and artificial nail applications to provide excellent customer service.

Program Learning Outcomes:

Students graduating with a certificate in Manicuring will be prepared to:

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Apply theory to practical situations of cosmetology services.
- Demonstrate customer confidentiality and service.

Associate of General Studies Degree Option (2 year)		credits
	Cosmetology courses	28
	Communications core	6
	Mathematics	3
	Science	4
	Social and Behavioral Sciences	6
	Humanities	6
	General Education Electives	7
TOTAL AGS DEGREE CREDITS		60
Manicurist Certificate Classes		credits
NAT 110	Introduction to Manicures/Pedicures	3
NAT 111	Intermediate Manicures/Pedicures	2
NAT 210	Advanced Manicures/Pedicures	2
NAT 211	Application of Artificial Nails	5
COS 150	Laws, Rules, and Regulations	1
COS 250	Management, Ethics, Interpersonal Skills & Salesmanship	1
COS 160	Introduction Disinfection, Sanitation, & Safety	2
COS 161	Intermediate Disinfection, Sanitation, & Safety	1
COS 260	Intermediate II Disinfection, Sanitation, & Safety	2
COS 261	Advanced Disinfection, Sanitation, & Safety	1
TOTAL CERTIFICATE CREDITS		20



Associate of Applied Science Degree (AAS)**Program: Criminal Justice****Campus: Trinidad and Valley****AAS GRADUATION
REQUIREMENTS**

Core Credits	33
Major Requirements	15
Electives	12
Total Credit Hours Required	60

Mission Statement:


The Criminal Justice program prepares students for careers in law enforcement, corrections, and social services by providing curriculum related to upholding social control, deterring and mitigating crime, and sanctioning those who violate laws with criminal penalties and rehabilitation efforts.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in criminal justices will be prepared to:

- Think critically about the causes and consequences of crime and deviance.
- Communicate the relationship between how laws are written and their impact on the rights of individuals and society.
- Communicate effectively using interviewing and interrogation skills for dealing with victims and suspects and when testifying in a court of law.
- Apply investigative techniques, logic, and critical thinking skills to bring a case to its logical conclusion.
- Relates in a multicultural society as a mature, adaptable citizen, while meeting the needs and challenges of clients and communities.

Communication		6 credits
ENG 121	English Composition I	3
COM 115	Public Speaking or 125 Interpersonal Communications	3
Mathematics		3 credits
MAT 107+	Career Mathematics	3
Humanities/Science/Social & Behavioral Science		6 credits
	Humanities	3
or	Science	3
or	Social & Behavioral Science	3
Associate of Applied Science Core Curriculum		credits
CRJ 110	Introduction to Criminal Justice	3
CRJ 111	Substantive Criminal Law	3
CRJ 112	Procedural Criminal Law	3
CRJ 145	Correctional Process	3
CRJ 125	Law Enforcement Operations	3
CRJ 135	Judicial Functions	3
CRJ 210	Constitutional Law	3
CRJ 220	Human Relations and Social Conflicts	3
CRJ 216	Juvenile Law and Procedure	3
CRJ 225	Crisis Intervention	3
CRJ 230	Criminology	3
Electives from CRJ or Guaranteed Transfer courses		12
TOTAL AAS DEGREE CREDITS		60

<p>Associate of Applied Science Degree (AAS) & Certificate</p> <p>Program: Basic Law Enforcement Training Academy (LETA)</p> <p>Campus: Valley</p>		<p>AAS GRADUATION REQUIREMENTS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Core Credits</td> <td style="text-align: right;">35</td> </tr> <tr> <td>Major Requirements</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">12</td> </tr> <tr> <td>Total Credit Hours Required</td> <td style="text-align: right;">62</td> </tr> </table> <p>CERTIFICATE GRADUATION REQUIREMENTS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Total Credits</td> <td style="text-align: right;">35</td> </tr> </table>	Core Credits	35	Major Requirements	15	Electives	12	Total Credit Hours Required	62	Total Credits	35
Core Credits	35											
Major Requirements	15											
Electives	12											
Total Credit Hours Required	62											
Total Credits	35											

Mission Statement:

The Basic Law Enforcement Training Academy prepares students to uphold standards for peace officer training and certification that are relevant, realistic and responsive to our ever-changing world.

Program Learning Outcomes:

Students graduating from the Law Enforcement Academy will be prepared to:

- Demonstrate a true understanding of basic law enforcement skills, criminal justice techniques, and problem solving methodologies related to law enforcement
- Describe and apply current laws (federal, state, & municipal) to various situations when encountering crimes and/or civil offenses
- Apply judicial information, concepts, and theories to investigating crime/accidents; conducting interviews and interrogations; and reporting.
- Communicate effectively with other law enforcement agency professionals and public sector.
- Demonstrate safe and effective use of firearms, unarmed self-defense techniques, defensive driving tactics, and first-responder skills.

Associate of Applied Science Basic Law Enforcement			credits
LEA 101	Basic Law Enforcement Academy I		6
LEA 102	Basic Law Enforcement Academy II		12
LEA 105	Basic Law I		8
LEA 106	Arrest Control Techniques		3
LEA 107	Law Enforcement Driving		3
LEA 108	Firearms		3
CRJ Electives			12
General Education courses			15
Total Degree Credits			62
Basic Law Enforcement Training Academy Certificate (LETA)			credits
LEA 101	Basic Law Enforcement Academy I		6
LEA 102	Basic Law Enforcement Academy II		12
LEA 105	Basic Law I		8
LEA 106	Arrest Control Techniques		3
LEA 107	Law Enforcement Driving		3
LEA 108	Firearms		3
TOTAL CREDIT HOURS			35

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Diesel Technology
Campus: Trinidad and Valley



AAS GRADUATION REQUIREMENTS	
Core Credits	39
Major Requirements	15
Electives	12
Total Credit Hours Required	66
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	39

Mission Statement:

The Diesel Technology-EPIC program prepares students for employment in the field of diesel mechanics by developing the student's proficiency in the repair and maintenance of diesel engines.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Diesel Technology-EPIC program will be prepared to:

- Demonstrate work ethic and responsibility.
- Demonstrate correct diagnostic and repair strategies to maintain diesel engines.
- Apply theory to practical situations in diesel mechanics.

Communication			6 credits	Humanities/Science/Social & Behavioral Science			6 credits	
ENG 115	Technical Writing or 121 English Composition I	3	or	Humanities		3		
COM 115	Public Speaking or 125 Interpersonal Communications	3	or	Science		3		
			or	Social & Behavioral Science		3		
Mathematics			3 credits	Diesel Certificate Continued				credits
MAT 107+	Career Mathematics	3		DPM 121	Hydraulic Systems II		3	
Diesel Certificate			credits	DPM 203	Diesel Engines II		4	
MAN 125	Team Building	1		DPM 205	Heavy Duty Power-trains II		3	
OSH 127	10 - Hr. Construction Industry Standards	1		DPM 170	Lab Experience		3	
EIC 105	Basics of AC & DC Electricity	4		DPM 206	Heavy Duty Break Systems		3	
ADE 135	Small Engines	4		TOTAL CERTIFICATE CREDIT HOURS			39	
ASE 120	Basic Auto Electricity	2		Electives				credits
ASE 123	Battery, Starting and Charging	2		Degree requires 12 credit hours of electives of approved courses from the following prefixes: HEZ, WEL, EIC, ADE, DPM, and/or MAC and 15 hours of General Education courses as listed.				
DPM 103	Diesel Engines I	4		TOTAL DEGREE CREDIT HOURS				66
DPM 105	Heavy Duty Powertrains I	3						
DPM 106	Diesel Fuel Systems	3						
DPM 121	Hydraulic Systems I	3						



Associate of Applied Science Degree (AAS)**Program: Early Childhood Education****Campus: Trinidad and Valley****AAS GRADUATION REQUIREMENTS**

Core Credits	45
Major Requirements	15
Total Credit Hours Required	60

Mission Statement:

The mission of the Early Childhood Education Program is to provide all early learning professionals the knowledge, skills and dispositions needed to implement quality early education while fostering the professional's career opportunities and responding effectively to the workforce needs of our diverse communities.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Childhood Education will be able to:

- Identify, articulate, and implement developmentally appropriate health, nutrition and safety standards and procedures for children ages birth through 8.
- Plan curriculum to meet each child's cognitive, physical, social and emotional needs in a developmentally appropriate manner.
- Demonstrate an understanding of typical and atypical child development, including physical, social-emotional, cognitive domains from birth through age 8.
- Demonstrate ability to observe, assess and document individual student's behaviors in a developmentally appropriate manner.
- Demonstrate ability to assess learning environments in a developmentally appropriate manner.
- Identify and implement techniques to build partnerships with families, community and schools in ways that introduce and share information, resources, and referrals, as well as include parents and community as partners in the learning environment.

Communication			6 credits
ENG 121	English Composition I		3
Mathematics			3 credits
MAT 107	Career Mathematics or 121 College Algebra or 155 Integrated Math		3
Social Science			12 credits
PSY 101/102	General Psychology I or II		3
	Computer Elective		3
	GT Transfer class from Arts and Humanities, Social and Behavioral Science or Physical Life Science		3
Associate of Applied Science Core Curriculum			credits
ECE 101	Intro to Early Childhood Professions		3
ECE 102	Intro to Early Childhood Professions Lab		3
ECE 103	Guidance Strategies for Children		3
ECE 111	Infant and Toddler Theory and Practice		3
ECE 112	Intro to Infant/Toddler Lab		3
ECE 205	Nutrition, Health, Safety for Young Child		3
ECE 220	Curriculum Dev.: Methods/Techniques		3
ECE 225	Language and Cognition for the Young		3
ECE 226	Creativity and the Young Child		3
PSY 238	Child Dev. or ECE 238 Growth Dev. Of Early Child		3
ECE 240	Admin. Of Early Childhood Care		3
ECE 241	Admin. Human Relations for EC Professions		3
ECE 260	Exceptional Child		3
ECE 288	Practicum: Advanced Classroom		3
ECE 289	Capstone		3
TOTAL CORE CREDITS			45
TOTAL GENERAL EDUCATION CREDITS			15
TOTAL AAS CREDITS			60

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Early Childhood Certificates

Campus: Trinidad and Valley



CERTIFICATE GRADUATION REQUIREMENTS

Total Credit Hours Required 15 - 30

Mission Statement:

The mission of the Early Childhood Education Program is to provide all early learning professionals the knowledge, skills and dispositions needed to implement quality early education while fostering the professional's career opportunities and responding effectively to the workforce needs of our diverse communities.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Childhood Education will be able to:

- Identify, articulate, and implement developmentally appropriate health, nutrition and safety standards and procedures for children ages birth through 8.
- Plan curriculum to meet each child's cognitive, physical, social and emotional needs in a developmentally appropriate manner.
- Demonstrate an understanding of typical and atypical child development, including physical, social-emotional, cognitive domains from birth through age 8.
- Demonstrate ability to observe, assess and document individual student's behaviors in a developmentally appropriate manner.
- Demonstrate ability to assess learning environments in a developmentally appropriate manner.
- Identify and implement techniques to build partnerships with families, community and schools in ways that introduce and share information, resources, and referrals, as well as include parents and community as partners in the learning environment.

Director of Education Certificate			6 credits
ECE	101	Intro to Early Childhood Professions	3
ECE	102	Intro to Early Childhood Professions Lab	3
ECE	103	Guidance Strategies for Children	3
ECE	205	Nutrition, Health, Safety for Young Child	3
ECE	220	Curriculum Dev.: Methods/Techniques	3
ECE	240	Admin. Of Early Childhood Care	3
ECE	241	Admin. Human Relations for EC Professions	3
PSY	238	Child Development	3
ECE	111	Infant and Toddler Theory and Practice	3
ECE	260	Exceptional Child	3
TOTAL CERTIFICATE CREDITS			30
Infant/Toddler Supervisor Certificate			credits
ECE	101	Intro to Early Childhood Professions	3
ECE	102	Intro to Early Childhood Professions Lab	3
ECE	103	Guidance Strategies for Children	3
ECE	220	Curriculum Dev.: Methods/Techniques	3
PSY	238	Child Development	3
ECE	111	Infant and Toddler Theory and Practice	3
ECE	112	Intro to Infant/Toddler Lab	3
TOTAL CERTIFICATE CREDITS			21
Early Childhood Teacher Certificate			credits
ECE	101	Intro to Early Childhood Professions	3
ECE	102	Intro to Early Childhood Professions Lab	3
ECE	103	Guidance Strategies for Children	3
ECE	220	Curriculum Dev.: Methods/Techniques	3
PSY	238	Child Development	3
TOTAL CERTIFICATE CREDITS			15

Associate of Applied Science Degree (AAS)

Program: Emergency Medical Services

Campus: Trinidad and Valley



AAS GRADUATION REQUIREMENTS

Core Credits	34
Major Requirements	32
Total Credit Hours Required	66

Mission Statement:

The Emergency Medical Services program prepares students to work in pre-hospital emergency care by providing practical skills and knowledge of emergency medical procedures.

Program Learning Outcomes:

Students graduating with an Associate in Applied Science degree in Emergency Medical Services will be prepared to:

- Demonstrate customer confidentiality and service.
- Troubleshoot emergency situations and diagnose emergency patient care.
- Apply theory to practical emergency care.

Communication	credits	EMT Certificate	credits
ENG 115 Technical Writing or 121 English Composition I	3	EMS 121 EMT Fundamentals	3
Mathematics	credits	EMS 122 EMT Medical Emergencies	4
MAT 107+ Career Mathematics	3	EMS 123 EMT Trauma Emergencies	2
Humanities/Science/Social & Behavioral Science	credits	EMS 124 EMT Special Considerations	2
BIO 111 General College Biology or		EMS 170 EMT Basic Clinical	1
BIO 201 Human Anatomy & Physiology I	4 or more	TOTAL CREDIT HOURS	12
GT Transfer courses from Communications, Arts and Humanities, Physical Life Sciences and/or Social and Behavior Sciences	5	EMT Intermediate Certificate **	credits
Associate of Applied Science Degree	credits	<i>** valid in Colorado, please check home state for National Registry requirement</i>	
19 credit hours of electives from the following options for the Associate of Applied Science Degree:		EMS 203 EMT-INTERMEDIATE I	6
HPR 102, 103, 190, 121, 178		EMS 205 EMT-INTERMEDIATE II	6
HWE 100,102, 103, 104, 120		EMS 270 CLINICAL: EMS INTERMEDIATE	3
EMS 115, 116, 121, 126, 130, 136, 150, 175, 178, 206, 220, 275, 285, 225, 226, 227, 228, 229, 230, 231, 232, 234, 235, 236, 237, 280, 281		HPR 120 ADVANCED CARDIAC LIFE SUPPORT (ACLS)	1
SPA 115		EMS 130 EMT INTRAVENOUS THERAPY	2
FST 100, 101		EMS 282 EMT INTERMEDIATE INTERNSHIP	2
BIO 201, 202		EMT INTERMEDIATE TOTAL CREDIT HOURS	20
MOT 125, 140			
PSY 227, 235			
A minimum of 64 credit hours is required for the AAS degree and must include EMT and EMT Intermediate certification in addition to 19 credit hours of electives and 15 credits of General Education courses.			

Certificate Option(s)**Program: Emergency Medical Services****Campus: Trinidad and Valley****CERTIFICATE GRADUATION
REQUIREMENTS**

Total Credits

12 - 20

Mission Statement:

The Emergency Medical Services program prepares students to work in pre-hospital emergency care by providing practical skills and knowledge of emergency medical procedures.

Program Learning Outcomes:

Students graduating with a certificate in Emergency Medical Services will be prepared to:

- Demonstrate customer confidentiality and service.
- Troubleshoot emergency situations and diagnose emergency patient care.
- Apply theory to practical emergency care.

EMT Certificate			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
TOTAL CREDIT HOURS			12
EMT Intermediate Certificate **			credits
<i>** valid in Colorado, please check home state for National Registry requirement</i>			
EMS 203	EMT-Intermediate I		6
EMS 205	EMT-Intermediate II		6
EMS 270	Clinical: EMS Intermediate		3
HPR 120	Advanced Cardiac Life Support (ACLS)		1
EMS 130	EMT Intravenous Therapy		2
EMS 282	EMT Intermediate Internship		2
EMT INTERMEDIATE TOTAL CREDIT HOURS			20



Gunsmithing Department

Application Process

In order to apply for admission and be accepted into Trinidad State Junior College:

- 1. Have the ability to own and possess firearms.**
- 2. Students must submit to and pass a background check to prove their eligibility to own and possess firearms.**
- 3. Successful Academic Placement Requires:**

Accuplacer testing in the following areas

Reading - Have an Accuplacer test score above a 79 there will be no reading course required for admission, or if your score is 70 - 79 concurrent enrollment and success in REA 090 is required, or if your score is below 70 remediation and retest are required prior to admission.

Writing - Have an Accuplacer test score above a 79 there will be no writing course required for admission, or if your score is 70 - 79 concurrent enrollment and success in ENG 090 is required, or if your score is below 70 remediation and retest are required prior to admission.

Math - Have an Accuplacer arithmetic test score above an 84 there will be no math course required for admission, or if your score is 76 - 83 concurrent enrollment and success in MAT 060 is required, or if your score is below 75 remediation and retest are required prior to admission.

Applicants who have completed all of the above requirements may be eligible for admission into the Gunsmithing School. Students seeking admission into the Gunsmithing School will complete the following requirements.

1. Essay of Application for Gunsmithing School
Prospective students shall submit a letter of application for admission into the Gunsmithing School. The letter should be approximately 1,000 words single-spaced. This letter will be used to aid selection of students for admission. The letter

should address the applicant's career goals as well as any experience in gunsmithing, hunting, or competitive shooting the applicant may have.

2. Letters of Recommendation

Prospective students shall submit three letters of recommendation from employers, teachers, or other professionals who are not related to the applicant and have a personal knowledge of the applicant's work ethic, and personal background.

3. Drug Testing

Random drug testing of Gunsmithing students may be required as permitted by College policy.

4. Age Requirement

Colorado law forbids any person under the age of eighteen to possess a handgun. Prospective students shall be eighteen years of age or older on or before the first day of the first Gunsmithing course in which they are registered.

5. Interview

Applicants who have completed or are enrolled in the prerequisite courses will sit for an interview. The interview committee shall consist of two Gunsmithing Faculty members and either the Associate Dean of CTE or CTE Advisor.

6. Full Acceptance

Acceptance into the Gunsmithing School will be determined on a point system criterion. If there are more applicants than space available applicants with higher scores will be admitted first. Unsuccessful applicants may reapply the next semester. Students who have been fully accepted but decline admission must reapply if they desire admission at a later date.

Should a space become available due to a student declining admission, the applicant with the next higher point score will be contacted.

Registration for Gunsmithing courses is dependent on full acceptance into the Gunsmithing School and must be done by phone or in person with the CTE advisor. Online registrations will not be accepted.

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Gunsmithing
Campus: Trinidad



GRADUATION REQUIREMENTS	
Core Credits	58
Major Requirements	15
Total Credit Hours Required	73
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	58

Mission Statement:

The Gunsmithing program prepares students for employment as a gunsmithing, providing them with a broad based educational experience, which includes as broad spectrum curriculum and practical hands on education in the use of gunsmithing hand tools, gunsmithing machine tools, firearms repair, stockmaking, and customizing firearms.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Gunsmithing will be prepared to:

- Demonstrate proficiency in gunsmithing bench skills including hand tools, metallurgy, tool design, part manufacturing and fitting, soldering, and custom work.
- Demonstrate proficiency in the use of machine tools including barrel fitting, part manufacturing, tools and fixtures, and customization of firearms.
- Demonstrate proficiency in basic gunstock making skills including gunstock design, gunstock furniture, inletting, shaping and stock finishing.
- Demonstrate proficiency in firearms repair including firearms operation, troubleshooting, disassembly and reassembly, parts fitting, and firearms maintenance.

Communication		3 credits
ENG 115+	Technical Writing or 121 English Composition I	3
Mathematics		3 credits
MAT 107+	Career Mathematics or 121 College Algebra	3
Business/Humanities/Science/Social & Behavioral Science		9 credits
Humanities, Physical Life Sciences, Social & Behavioral Science or Business & Accounting		
Associate of Applied Science Core Classes		
First Semester		credits
GUS 100	Orientation & Firearms Safety	0.5
GUS 102	Introduction to Firearms	2
GUS 110	Firearms Bench Metal	5
GUS 112	Machine Shop I	7
WEL 175	Special Topics: Welding for Gunsmiths	2
TOTAL SEMESTER CREDITS		19.5
Second Semester		credits
GUS 147	Firearms Repair I	5
GUS 135	Firearms Conversion	5
GUS 136	Firearms Metal Finishing	2
GUS 139	Stock Duplicating and Semi-Inlets	1
GUS 175	Special Topics: Basic Workplace Skills	1
TOTAL SEMESTER CREDITS		20
Third Semester		credits
GUS 119	Stockmaking I	6
GUS 205	Machine Shop II	6
TOTAL SEMESTER CREDITS		15
Fourth Semester		credits
GUS 245	Stockmaking II	5
GUS 247	Firearms Repair II	7
GUS 265	Comprehensive Skills Evaluation	0.5
	Gunsmithing electives	3
TOTAL SEMESTER CREDITS		19.5
TOTAL DEGREE CREDITS		73

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Gunsmithing Certificates

Campus: Trinidad



CERTIFICATE GRADUATION REQUIREMENTS

Total Credits

16-36

Mission Statement:

The Gunsmithing Technicians Certificate program will prepare students for introductory machining, welding and metal finishing of firearms.

Program Learning Outcomes:

Students graduating with a Gunsmithing Technician certificate will be prepared to:

- Explain and demonstrate how to use drill press, milling machine, and lathe.
- Demonstrate manufacture of parts and tools. Explain and/or demonstrate rifle rebarreling.
- Demonstrate four welding processes: Oxy / Acetylene, Shielded Metal Arc, Gas Metal Arc (MIG), Gas Tungsten Arc (TIG) industry.
- Demonstrate firearm disassembly.
- Demonstrate metal preparation.

Gunsmithing Technician Certificate			credits
GUS 257	Firearms Business Practices		3
GUS 288	Shop Management Practicum I		7
GUS 289	Firearms Capstone Project I		1
GUS 288	Shop Management Practicum II		6
GUS 289	Firearms Capstone Project II		1
GUS 288	Shop Management Practicum III		7
GUS 289	Firearms Capstone Project III		1
TOTAL SEMESTER CREDITS			26
GUN 104	Blueing and Metal Finishes		2
GUN 116	Basic Precision Welding		2
GUN 120	Basic Machine Shop		2
GUN 121	Advanced Machine Shop		2
	Approved electives from the GUN list of courses		8
TOTAL CERTIFICATE CREDITS			16
<i>** Eligible students may take this certificate and apply up to 12 credit hours towards the traditional gunsmithing certificate with the appropriate course waiver documentation**</i>			
	Electives may include: GUS 153, GUS 240, GUS 250,		10
	GUS 251, GUS 251, GUS 252, GUS 268, GUS 269		
TOTAL CERTIFICATE CREDITS			36
Brownell's Trinidad American Firearms Technology Institute Third Year Certificate			credits
GUS 257	Firearms Business Practices		3
BUS 102	Entrepreneurial Operations		3
BUS 115	Introduction to Business		3
BUS 216	Legal Environment of Business		3
BUS 217	Business Communications/Report Writing		3
MAT 112	Financial Mathematics		3
GUS 188	Practicum		5
GUS 288	Practicum II		5
GUS 289	Capstone		2
	Manual or CNC Maching Courses		6
Total Certificate			33

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**

**Program: NRA Firearms Safety Instructor
Certificate**

Campus: Trinidad



**CERTIFICATE GRADUATION
REQUIREMENTS**

Total Credits

18

Mission Statement:

To provide students with a solid background in firearm safety and shooting skills utilizing NRA policies and procedures, basic public speaking skills, training methodology, use of a training team and training aids, organizing a course, building a budget, and preparing to teach.

Program Learning Outcomes:

- Demonstrate and explain each action type in the discipline students wish to be certified (rifle, shotgun, pistol, muzzleloader).
- Demonstrate and explain solid and safe firearms handling skills required to be successful during an instructor training course.
- Complete an NRA Instructor Training Course in the discipline students wish to teach (e.g., NRA Basic Pistol Course), and receive endorsement.

NRA Firearms Safety Instructor Certificate			credits
GUS 100	Orientation and Firearms Safety		0.5
GUR 106	NRA Basic Pistol Shooting		1
GUR 107	NRA Basic Shotgun Shooting		1
GUR 108	NRA Muzzleloading Pistol Shooting		1
GUR 109	NRA Muzzleloading Rifle Shooting		1
GUR 110	NRA Basic Rifle Shooting		1
GUR 111	NRA Muzzleloading Shotgun Shooting		1
GUR 120	NRA Range Safety Officer Course		0.5
GUR 200	NRA Basic Instructor Training		0.5
GUR 201	NRA Home Firearms Safety Instructor		0.5
GUR 206	NRA Basic Pistol Shooting Instructor		1
GUR 207	NRA Basic Shotgun Shooting Instructor		1
GUR 208	NRA Muzzleloading Pistol Instructor		1
GUR 209	NRA Muzzleloading Rifle Instructor		1
GUR 210	NRA Basic Rifle Shooting Instructor		1
GUR 211	NRA Muzzleloading Shotgun Instructor		1
GUR 220	Instructional Leadership		1
COM 115	Public Speaking		3
Total Certificate			18



Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Heavy Equipment Technology - EPIC
Campus: Trinidad



GRADUATION REQUIREMENTS	
Core Credits	40
Major Requirements	27
Total Credit Hours Required	67
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	40

Mission Statement:

The Heavy Equipment Technology-EPIC program prepares students for employment in the field of Heavy Equipment by providing skills, knowledge and practice of basic operating training on heavy equipment.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Heavy Equipment Technology-EPIC will be prepared to:

- Safely operate heavy equipment.
- Demonstrate basic diagnostic and repair strategies on heavy equipment.
- Demonstrate a positive attitude, attentive listening, and the ability to work effectively in teams.
- Apply theory to practical situations of heavy equipment operations.
- Apply critical thinking skills to evaluate and solve problems.
- Demonstrate professional ethics.

Communication			6 credits	Humanities/Science/Social & Behavioral Science			6 credits	
ENG 115	Technical Writing or 121 English Composition I		3		Humanities		3	
COM 115	Public Speaking or 125 Interpersonal Communications		3	or	Science		3	
				or	Social & Behavioral Science		3	
Mathematics			3 credits	Heavy Equipment Core Classes				credits
MAT 107+	Career Mathematics		3	HEQ 226	Backhoe II		2	
Heavy Equipment Core Classes			credits	HEQ 230	Hydraulic Excavator		2	
MAN 125	Team Building		1	HEQ 240	Basic Bulldozer		2	
OSH 127	10-Hr. Construction Industry Standards		1	HEQ 241	Bulldozer II		2	
DPM 100	Introduction to Diesel Mechanics		2	HEQ 246	Front End Loader II		2	
DPM 101	Diesel Shop Orientation		2	HEQ 275	Independent Study		6	
DPM 111	Preventative Maintenance I		3	BUS 175	Basic Workplace Skills		1	
DPM 211	Preventative Maintenance II		3	Total Certificate Credits			40	
ENT 275	Sp. Topics: Grade & Staking Surveys		3	Total Degree Credits			67	
HEQ 150	Basic Principles of Eng. Op. & Drive Train		2	<i>Degree requires 12 credit hours of electives of approved courses from the following prefix: WEL, ASE, EIC, ADE, DPM and/or MAC and 15 hours of General Education courses as listed.</i>				
HEQ 220	Motor Grader I		2					
HEQ 221	Motor Grader II		2					
HEQ 225	Backhoe I		2					



**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Holistic Health and Massage Therapy
Campus: Trinidad and Valley

**GRADUATION REQUIREMENTS**

General Education Credits	15
Major Requirements	30
Electives	15
Total Credit Hours Required	60

MINI - CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	16 - 30
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Mission Statement:

The Holistic Health and Massage Therapy program prepares students for the demands and opportunities of this health care profession by providing skills, knowledge and practice of massage to promote healing in a holistic manner.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Holistic Health and Massage Therapy will be prepared to:

- Model healing in a holistic manner to clients.
- Demonstrate skills that assist clients in the management of pain, stress, and relaxation with an emphasis on professionalism and compassion.
- Apply theory to practical situations of holistic health.

Communication	6 credits	Reflexology Certificate	credits
ENG 115+ Technical Writing or 121 English Composition I	3	HHP 145 Digestive Wellness	1
COM 115 Public Speaking or 125 Interpersonal Communications	3	MST 105 Lifestyle Wellness	2
Mathematics	3 credits	MST 204 Business Practices/Ethics	2
MAT 107+ Career Mathematics or 121 College Algebra	3	HHP 161 Meditation for Health	1
Humanities/Science/Social & Behavioral Science	6 credits	HHP 288 Practicum	3
		HHP 166 Introduction to Reflexology	1
Degree/Certificate Core Requirements	credits	HHP 164 Introduction to Hand Reflexology	1
HHP 208 Advanced Musculoskeletal Anatomy	2	HHP 275 Special Topics	1
HHP 224 Introduction to Massage Therapy	1	HHP 270 Clinical	3
HHP 161 Meditation for Health	1	HHP 260 Advanced Reflexology	1
MST 106 Anatomy & Physiology For Massage Therapy	4	TOTAL CERTIFICATE CREDITS	16
MST 111 Basic Massage Therapy	4	Herbology Certificate	credits
MST 216 Pathology for Massage Therapy	3	HHP 145 Digestive Wellness	1
HHP 225 Expanded Concepts of Massage	1	MST 105 Lifestyle Wellness	2
HPR 117 Anatomical Kinesiology	3	MST 216 Pathology for Massage Therapy	3
MST 113 Professional Massage	3	HHP 108 Aromatherapy	1
MST 204 Business Practices	2	HHP 200 Bach's Essences	2
MST 184 Clinical Massage	3	HHP 111 Herbology I	1
MST 284 Clinical Massage	3	HHP 211 Herbology II	2
TOTAL CREDITS FOR CERTIFICATE AND DEGREE	30	MST 217 Pharmacology for Massage	1
ELECTIVES FROM THE FOLLOWING PREFIXES: HHP, PED, MST, OR HPR	15	HHP 288 Practicum	3
GENERAL EDUCATION COURSES	15	MST 106 Anatomy & Physiology For Massage Therapy	4
TOTAL DEGREE CREDITS	60	TOTAL CERTIFICATE CREDITS	20
		Health and Wellness Certificate	credits
		MST 105 Lifestyle Wellness	2
		HHP 161 Meditation for Health	1
		HHP 107 Managing Life's Stresses	1
		HWE 100 Human Nutrition	3
		HWE 103 Community First Aid and CPR	1
		OSH 226 Ergonomics: Manage Task Stress	3
		HHP 254 Holistic Health Level II	2
		HWE 109 Weight Management & Exercise	2
		HWE 124 Fitness and Wellness	2
		TOTAL CERTIFICATE CREDITS	17

**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**

**Program: Rocky Mountain - Line Technician
Campus: Colorado Springs**



GRADUATION REQUIREMENTS

Core Credits 26
Major Requirements 36
Total Credit Hours Required 61 - 62

Mission Statement:

The Line Technician program prepares students for employment by providing skills, knowledge and practice of electrical line procedures.

Program Learning Outcomes:

Students graduating with a Line Technician certificate or Associate of Applied Science degree will be prepared to:

- Diagnose and solve electrical problems.
- Install, maintain, and repair electrical power systems
- Apply theory to practical situations of the electrical line trade.
- Effectively communicate resolutions to electrical problems.
- Work effectively and safely in a team environment.

Rocky Mountain Line Technician Degree General Education			credits
EMP 241	Decision Making and Problem Solving		3
OSH 125	Construction Industry Standards		3
OSH 215	Accident Prevention		3
CIS 118	Intro to PC Applications		3
BUS 216	Legal Environment of Business		3
PHI 205	Business Ethics		3
MAN 226	Principals of Management		3
PSY 101	General Psychology		3
SOC 101	Intro to Sociology		3
ENG 115	Technical Writing or above		3
COM 115	Public Speaking or 125 Interpersonal Communication		3
EIC 180	Internship or other elective as approved		3
TOTAL CREDIT HOURS			36
Rocky Mountain Line Technician Certificate			credits
EIC 125	Electrical Principles & Applied Calculations		3
EIC 106	Power Theory & High Voltage Apparatus		3
EIC 103	Safety & Industry Certifications		4
EIC 140	Underground Procedures		7
EIC 141	SP: Overhead Procedures		9
TOTAL CREDIT HOURS			26



**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Southern Colorado - Line Technician
Campus: Trinidad



GRADUATION REQUIREMENTS	
Core Credits	44
Major Requirements	18
Total Credit Hours Required	62
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	44

Mission Statement:

The Line Technician program prepares students for employment by providing skills, knowledge and practice of electrical line procedures.

Program Learning Outcomes:

Students graduating with a Line Technician certificate or Associate of Applied Science degree will be prepared to:

- Diagnose and solve electrical problems.
- Install, maintain, and repair electrical power systems
- Apply theory to practical situations of the electrical line trade.
- Effectively communicate resolutions to electrical problems.
- Work effectively and safely in a team environment.

Communication			6 credits
ENG 115	Technical Writing		3 or
ENG 121	English Composition I		3
COM 115	Public Speaking		3 or
COM 125	Interpersonal Communication		3
TOTAL CREDIT HOURS			6
Southern Colorado Line Technician Core			credits
MAN 125	Team Building		1
EIC 125	Electrical Principles & Applied Calculations		3
EIC 103	Safety & Industry Certifications		4
EIC 105	Basics of AC & DC Electricity		4
EIC 121	Electrical Distribution Theory		5
EIC 122	Electrical Distribution Theory II		6
EIC 123	Electrical Distribution Lab		5
EIC 136	Advanced Electrical Distribution		6
EIC 140	Underground Procedures		7
EIC 142	Hotline Procedures		3
TOTAL CREDIT HOURS			44
Electives			credits
GT transfer courses from the Arts and Humanities; Physical and Life Sciences; or Social and Behavioral Sciences. Students may also choose from: EMP 241 Decision Making and Problem Solving CIS 115 Intro to Computers, OSH 125 Construction Industry Standards, or PHI 205 Business Ethics.			
TOTAL CREDIT HOURS			12
Southern Colorado Line Technician Certificate			credits
MAN 125	Team Building		1
EIC 125	Electrical Principles & Applied Calculations		3
EIC 103	Safety & Industry Certifications		4
EIC 105	Basics of AC & DC Electricity		4
EIC 121	Electrical Distribution Theory		5
EIC 122	Electrical Distribution Theory II		6
EIC 123	Electrical Distribution Lab		5
EIC 136	Advanced Electrical Distribution		6
EIC 140	Underground Procedures		7
EIC 142	Hotline Procedures		3
TOTAL CREDIT HOURS			44

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Power Construction Supervision
Campus: Trinidad



AAS GRADUATION REQUIREMENTS

Total Credits 61
Must have permission of CTE Dean

Mission Statement:

The Power Construction Supervision program prepares journeyman line technicians for advancement to leadership and management positions by building skills, knowledge, and confidence in ethics, business management, and communications.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree Power Construction Supervision will be prepared to:

- Diagnose causes of operating errors and select appropriate solutions.
- Conduct quality control analyses evaluate products, services, or processes.
- Monitoring operations including personnel, time management, public relations.
- Demonstrate the ability to think critically, and effectively communicate resolutions.

Construction Supervision AAS Degree Requirements		credits
Proof of DOL approved apprenticeship completion		43
<i>Above credits must be transferred in as portfolio credits. Students are responsible for portfolio credit cost of 50% of tuition expense. DOL apprenticeship requires 7500 hours/4 yrs. of documented apprenticeship hours.</i>		
<i>Select one class from the following list of three courses.</i>		
OSH 125	Construction Industry Standards	3
MAN 226	Principals of Management	3
EMP 241	Decision Making & Problem Solving	3
PHI 205	Business Ethics	3
ENG 115	Technical Writing or above	3
COM 115	Public Speaking or 125Interpersonal Communication	3
MAT 107	Career Math	3
BUS 115	Introduction to Business	3
TOTAL CREDIT HOURS		61



**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Manufacturing Technology
Campus: Trinidad and Valley

**GRADUATION REQUIREMENTS**

Core Credits	38
Major Requirements	15
Total Credit Hours Required	66

MINI - CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	9
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Mission Statement:

The Manufacturing Technology Associate of Applied Science degree serves to prepare students for employment opportunities in the areas of diesel, machining and welding.

Program Learning Outcomes:

Students graduating with an Associate of Applied Science degree in Manufacturing Technology will be prepared to:

- Identify, articulate, and implement developmentally appropriate health, nutrition and safety standards and procedures for children ages birth through 8.
- Plan curriculum to meet each child's cognitive, physical, social and emotional needs in a developmentally appropriate manner.
- Demonstrate an understanding of typical and atypical child development, including physical, social-emotional, cognitive domains from birth through age 8.
- Demonstrate ability to observe, assess and document individual student's behaviors in a developmentally appropriate manner.
- Demonstrate ability to assess learning environments in a developmentally appropriate manner.
- Identify and implement techniques to build partnerships with families, community and schools in ways that introduce and share information, resources, and referrals, as well as include parents and community as partners in the learning environment.

Communication	6 credits	Humanities/Science/Social & Behavioral Science	6 credits
ENG 115+ Technical Writing or 121 English Composition I	3	Humanities	3
COM 115 Public Speaking or 125 Interpersonal Communications	3	or Science	3
		or Social & Behavioral Science	3
Mathematics	3 credits		
MAT 107+ Career Mathematics or 121 College Algebra	3		
Precision Machining Certificate	credits	Precision Machining Certificate Continued	credits
MAC 101 Introduction to Machine Shop	3	MAC 206 CNC Milling Operations II	3
MAC 102 Blueprint Reading	3	MAC 221 Surface Grinder Setups & Operations	3
MAC 110 Introduction to the Engine Lathe	3	MAC 240 CAD/CAM 2D	3
MAC 111 Intermediate Engine Lathe	3	MAN 125 Team Building	1
MAC 112 Advanced Engine Lathe	3	OSH 127 10 HR Construction Industry Standards	1
MAC 113 Engine Lathe Setups & Operations IV	3	TOTAL CERTIFICATE CREDITS	38
MAC 120 Introduction to Milling Machine	3	<i>Degree requires 13 credit hours of electives of approved courses from the following prefix: HEQ, ASE, EIC, ADE, DPM and/or MAC and 15 hours of General Education courses as listed.</i>	
MAC 121 Intermediate Milling Machine	3		
MAC 205 Introduction to CNC Milling Operations	3		
Mini-CNC Machining Certificate	credits	Mini-Manual Machining Certificate	credits
MAC 201 Introduction to CNC Turning Operations	3	MAC 110 Introduction to the Engine Lathe	3
MAC 205 Introduction to CNC Milling Operations	3	MAC 111 Intermediate Engine Lathe	3
MAC 240 CAD/CAM 2D	3	MAC 120 Introduction to Milling Machine	3
TOTAL CERTIFICATE CREDITS	9	TOTAL CERTIFICATE CREDITS	9

Admission to Nursing Program:

The following requirements must be met before admission to the Nursing program. (Please refer to the TS Nursing Program Admission Information for more details.)

Admission requires a high school diploma or the equivalent, satisfactory performance on the college skills placement test (Accuplacer) and completion of any required foundations courses. ACT/SAT or Accuplacer scores determine the need for foundation courses. All students must show appropriate scores or have successfully completed the minimum requirement of Reading 090 and Math 090 or Math 107.

All students are responsible for their education and in knowing what courses are required. Students should consult with the nursing advisor to ensure they are fully prepared for admission into the professional nursing program. TS Nursing Department reserves the right to decline admission to any student based upon disqualifying offenses, GPA and/or poor transcript history.

Students are eligible for admission on a point system criterion. Students are granted points for:

GPA on mandatory prerequisite courses
Additional courses completed
Scores for Admission
Assessment Examination
Medical Experience
Previous degree

Applicants are required to submit transcripts from all previous college course work including any previous nursing courses.

Students must be successful in all science courses. No more than one grade of W, D or F allowed in any of the prerequisite BIO courses.

All sciences must be completed within seven years of entrance to the professional nursing program.

TS will not admit students who have failed or withdrawn from two NUR courses from TS or any other college within five years.

Admission Assessment Examination

All nursing students are required to achieve a passing score on the HESI Admission Exam as part of the application process. Students may take the exam twice within a twelve month period. All students are required to register for this exam through the Nursing Program office. Test dates are posted on the website. Please

follow directions posted on the website. Students who do not pass the exam will be required to reschedule on another testing date. This is a timed exam. Students are allowed a maximum of four hours to complete the exam. Students are tested on Reading, English, Math, Anatomy & Physiology, Critical Thinking, and Personality/Learning Styles. Students are required to complete all sections of the exam. Students who do not take/skip sections will be required to retake the entire exam at their own expense.

Study guides are available through the college bookstore.

Mandatory Prerequisite and Recommended Courses
Students must complete all prerequisite courses before applying to the professional nursing program. Applications will not be considered or saved if submitted before requirements are complete.

The required three pre-requisite courses for nursing are:

ENG 121 English Composition
PSY 235 Human Growth and Development
BIO 201 Human Anatomy and Physiology I

GPA for the above five courses must be a minimum 2.5 average. Students must be successful in all science courses. No more than one grade of W, D or F allowed in any of the prerequisite BIO courses. All "BIO" courses must be completed within 7 years, at the time of entrance into the professional nursing program. ENG 121 and PSY 235 must be completed within 10 years unless student has earned a previous degree.

Courses listed below are required for the ADN degree, and can be complete prior to application and/or admission into the professional nursing program. Additional points for admission are granted. HPR 108 Nutrition (1 credit) or HWE 100 Nutrition (3 credit) (first semester nursing program course.) Math 103 Math for Clinical

Calculations (first semester nursing program course), Elective—Humanities/Social Behavior Science, General Psychology is recommended however; students may select from the Guaranteed Transfer Course List, <https://www.cccs.edu/current-students/transfer-agreements/guaranteed-course-transfers/>.

BIO 216 Pathophysiology and BIO 202 Human Anatomy and Physiology II (second semester course must be completed before continuing third semester.)

Highly recommended courses (additional points for admission). AAA 050 Semester Survival—teaches note taking, lecture, and testing skills to become a more successful student! HPR 178 Medical Terminology—

helps students have a better understanding of all terms and procedures. NUR 101 Pharmacology Calculations (No points for admission)—One credit, online course preparatory for Math 103. This class is recommended for students who are still hesitant or uncomfortable with math skills.

TS Nursing Graduation Requirements

A. The graduate must fulfill all requirements of the College for graduation.

B. The graduate of nursing must pass all program courses with a minimum grade of “C” per the requirements and scales as addressed in the syllabi of each nursing course.

C. The graduate must be competent in all critical nursing skills pertaining to the scope of practice for a registered nurse.

D. The graduate must be competent in calculations of medications. The student is required to pass a medication administration proficiency examination each semester at 100 percent mastery in order to progress to the next semester of the ADN program. (See the Nursing Student Manual for further information).

E. The graduate must comply with all requirements as stated in the Student Nursing manual.

F. A student that has failed or withdrawn in two or more NUR courses from TS is not allowed to transfer 15 or less NUR credits back into TS and attain their Associates of Applied Science Degree in Nursing.

Legal Requirements for Nursing Licensure

During application for licensure, the student must answer the following questions:

A. “Have you ever been convicted of a crime or have you ever accepted a court plea of guilty or nolo contendere? Have you received a deferred judgment or deferred prosecution?”

B. “Are you now, or were you for the 12 months preceding the date of this application, addicted to any controlled substance; a regular user of any controlled substance without a prescription; and/or habitually intemperate in the use of intoxicating liquor?”

If any question is answered “yes,” the student needs to meet with the director of the Nursing Department for counseling as the Colorado State Board of Nursing has specific requirements for licensure.

Associate of Applied Science Degree (AAS)

and Certificate Options(s)

Program: Nursing

Campus: Trinidad & Valley



GRADUATION REQUIREMENTS

Core Credits	25
Major Requirements	42.5
Total Credit Hours Required	67.5

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	57
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Mission Statement:

Provide excellent education that prepares the learner to become a member of the nursing profession, meeting the needs of diverse populations.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Nursing will be prepared to:

- Provide safe, quality, evidence-based, patient-centered nursing care in a variety of healthcare settings to diverse patient populations across the lifespan.
- Engage in critical thinking and clinical reasoning to make patient-centered care decisions.
- Implement quality measures to improve patient care.
- Participate in collaborative relationships with members of the interdisciplinary team, the patient, and the patient’s support persons.
- Use information management principles, techniques, and systems, and patient care technology to communicate, manage knowledge, mitigate error, and support decision-making.
- Provide leadership in a variety of healthcare settings for diverse patient populations.
- Assimilate professional, legal, and ethical guidelines in practice as a professional nurse.
- Promote a culture of caring to provide holistic, compassionate, culturally-competent care.

NUR Entrance Test						
		Min Score	Grade			
HESI	Reading	75%				
	Math (if lower than KEYS Program)	75%				
	A & P	75%				
Prerequisites (Required)						
	Accuplacer	ACT	Or	SAT	Or	Classes
Reading	RC 80 or greater	17		430		REA 090
English	SS 95 or greater	18		440		ENG 090
Mathematics	EA 61 or greater	19		460		MAT 090
Degree Plan: Associate of Science						
All must be completed within the last 7 years. * Required prior to any NUR classes						
*	BIO 201	Anatomy and Physiology I				4
*	ENG 121	English				3
*	PSY 235	Growth and Development				3
	HPR 108	Dietary Nutrition (or prior to 3rd semester NUR)				1
	MAT 103	Math for Clinical calculations (or during 1st semester of NUR)				3
		TOTAL CREDITS				14
Recommended Prerequisites for AAS Degree						
HPR 178	Medical Terminology				1-4	
AAA 050	Semester Survival				3	
NUR 101	Pharmacology Calculations				1	

Recommended for BSN			Recommended for BSN Continued		
BIO 204	Microbiology	4	CHE 101	Introduction to Chemistry I (A)	5
MAT 135	Introduction to Statistics (A)	3	HWE	Human Nutrition (will be accepted in place of HPR 108)	3
MAT 121	College Algebra or MAT 123 Finite Mathematics (1)	3		Extra Humanities Elective (2)	3
ENG 122	English Composition (A)	3		Extra Social Science/History	3
PSY 101	General Psychology I (1,2)	3			
First Semester			Second Semester		
NUR 109	Fundamentals of Nursing	6	NUR 106	Medical & Surgical Nursing Concepts	7
NUR 112	Basics of Pharmacology	2	NUR 150	Nursing Care of Obstetric & Pediatric Clients	6
BIO 202	Anatomy and Physiology II (or before start of third semester)	4	BIO 216	Pathophysiology (or before start of third semester)	4
	Semester Credits	12		Semester Credits	17
Third Semester			Fourth Semester		
NUR 206	Advanced Concepts of Medical Surgical Nursing I	6.5	NUR 216	Advanced Concepts of Medical Surgical Nursing II	5
NUR 212	Pharmacology II	2	NUR 230	Leadership, Managements and Trends	4
NUR 211	Nursing Care of Psychiatric Clients (Tdad 4th sem)	4		Humanities/Social Behavioral Elective (or 3rd sem)	3
	Semester Credits	12.5		Semester Credits	12
NUR 189 Transition from LPN to Associate Degree Nursing is required for students with LPN to continue with Associate Degree Nursing program.					

Certificate Option(s)**Program: Nurse Aide Certificate****Campus: Trinidad and Valley****CERTIFICATE GRADUATION REQUIREMENTS**

Total Credits Trinidad	9.5
Total Credits Valley	9.5
Total Credits Long Term Care Certificate	16

Mission Statement:

The Nurse Aide Program prepares students to provide direct care for physically, mentally injured, disabled, or infirmed individuals including those in hospital facilities, home-care settings, as well as assisted living and long-term care facilities.

Program Learning Outcomes:

Program Learning Outcomes: Students graduating with a certificate of completion will be prepared to:

- Demonstrate effective communication with individuals receiving care.
- Perform and assist individuals with Activities of Daily Living.
- Recognize patient situations that require a greater level of care.
- Demonstrate caring behaviors through delivering compassionate and culturally sensitive care to individuals across the lifespan.

The department assessment plan helps meet these goals by collecting, evaluating, and responding to input from nurse aide students and the needs of the community. Student preparation for careers in the Nurse Aide field will be measured through TSJC's assessment system.

Nurse Aide Option 1		credits
NUA 101	Nurse Aid Health Care Skills	4
NUA 170	Nurse Aid Clinical	1
TOTAL CERTIFICATE CREDITS		5
Nurse Aide Option 2		credits
NUA 101	Nurse Aid Health Care Skills	4
NUA 105	Home Health Aide Theory	2
NUA 170	Nurse Aid Clinical	1
NUA 171	Advanced Nurse Aid Clinical	1
NUA 172	Nurse Aid Clinical Practice with the elderly	1
HPR 102	CPR for Nurse Aid	0.5
TOTAL CERTIFICATE CREDITS		9.5
Long-Term Care Certificate		credits
NUA 101	Nurse Aid Health Care Skills	4
NUA 105	Home Health Aide Theory	2
NUA 170	Nurse Aid Clinical	1
NUA 171	Advanced Nurse Aid Clinical	1
NUA 172	Nurse Aid Clinical Practice with the elderly	1
HPR 102	CPR for Nurse Aid	0.5
Approved electives from the following prefixes:		
PHI, PSY, HHP, HPR, HIT, HWE, HSE, EMS		6.5
TOTAL CERTIFICATE CREDITS		16



**Associate of Applied Science Degree (AAS)
and Certificate Option(s)**
Program: Occupational Safety and Health
Campus: Trinidad and Online



GRADUATION REQUIREMENTS	
Core Credits	49
Major Requirements	21
Total Credit Hours Required	70
CERTIFICATE GRADUATION REQUIREMENTS	
Total Credit Hours Required	30

Mission Statement:

The mission of the Occupational Safety and Health Technology (OSHA) Program is to provide a high quality occupational safety and health educational experience to both pre-service students and in-service safety and health professionals to ensure these individuals can function effectively at the safety technician level upon completion of this course of study.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in OSHA will be prepared to:

- Perform basic occupational safety and health functions.
- Apply a working knowledge of mathematics and the sciences to conduct experiments and to analyze and interpret data to solve safety and health related issues.
- Identify, formulate, and solve applied science problems, using the techniques, skills, and modern tools necessary for professional practice.
- Apply the principles of industrial hygiene and toxicology, and use fundamental exposure measurement techniques.
- Exhibit teamwork.
- Demonstrate effective communication skills.
- Exhibit the importance of lifelong learning as it relates to contemporary issues and professional and ethical responsibilities in the practice of occupational safety and health.

Communication			6 credits	Science/Social & Behavioral Science			8 credits
ENG 115+	Technical Writing or 121 English Composition I	3		CHE 101	Introduction to Chemistry	5	
COM 115	Public Speaking or 125 Interpersonal Communications	3		PSY 101	General Psychology	3	
Mathematics			4 credits				
MAT 121	College Algebra	4		Certificate			credits
Associate Degree Core Curriculum			credits	OSH 115	General Industry Standards	5	
BIO 106	Basic Anatomy and Physiology	4		OSH 125	Construction Industry Standards	3	
OSH 115	General Industry Standards	5		OSH 145	Fire Protection and Analysis	3	
OSH 125	Construction Industry Standards	3		OSH 146	Hazardous Materials	2	
OSH 135	Case Study Evaluation	5		OSH 215	Accident Prevention	3	
OSH 145	Fire Protection and Analysis	3		OSH 225	Industrial Hygiene	3	
OSH 146	Hazardous Materials	2		OSH 226	Ergonomics: Managing Task Stress	3	
OSH 155	Environmental Regulatory Framework	3		OSH 235	Workers' Compensation	2	
OSH 215	Accident Prevention	3		OSH 245	Safety Program Planning/ Admin	3	
OSH 225	Industrial Hygiene	3		OSH	Electives	3	
OSH 226	Ergonomics: Managing Task Stress	3		TOTAL CERTIFICATE CREDITS		30	
OSH 235	Workers' Compensation	2		Electives			
OSH 245	Safety Program Planning/ Admin	3		OSH 100	Intro to Occupational Safety & Health	1	
OSH 246	Safety Training Methods	3		OSH 165	Excavation Safety	1	
OSH 255	Industrial Hygiene Instrument Lab	3		OSH 281	Internship	5 - 12	
OSH Electives		4		OSH 285	Independent Study	2	
TOTAL CORE CREDITS		49		EMP 105	Emergency Planning	3	
TOTAL DEGREE CREDITS		70		HWE 103	Community First Aid/CPR	1	
				PHI 205	Business Ethics	3	

Associate of Applied Science Degree (AAS) and Certificate Option(s)

Program: Welding Technologies - EPIC

Campus: Trinidad and Valley



GRADUATION REQUIREMENTS

Core Credits	39
Major Requirements	28
Total Credit Hours Required	67

CERTIFICATE GRADUATION REQUIREMENTS

Total Credit Hours Required	39
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Mission Statement:

The Welding Technology-EPIC Program prepares students for employment in the field by providing skills, knowledge, and workplace attitudes, customer service skills, and communication tools essential for a career as a welding technician in the fabrication and construction industries.

Program Learning Outcomes:

Students graduating with a certificate or Associate of Applied Science degree in Welding Technology-EPIC will be prepared to:

- Demonstrate field and shop safety practices.
- Set and adjust the machine and produce welds that will meet industrial standards.
- Apply theory to practical situations of welding.
- Apply welding processes using proper welding techniques.
- Diagnose a weld defect and problem-solve a repair for the problem.
- Demonstrate the ability to think critically, and effectively communicate resolutions.

Communication			6 credits
ENG 115	Technical Writing or 121 English Composition I		3
COM 115	Public Speaking or 125 Interpersonal Communications		3
Mathematics			3 credits
MAT 107+	Career Mathematics or 121 College Algebra		3
Humanities/Science/Social & Behavioral Science			6 credits
	Humanities		3
	or Science		3
	or Social & Behavioral Science		3
Welding Core Classes			credits
WEL 203	Flux Cored Arc Welding I		4
WEL 224	Advanced Gas Tungsten Arc		4
WEL 230	Pipe Welding I		4
WEL 231	Pipe Welding II		4
BUS 175	Basic Workplace Skills		1
TOTAL CERTIFICATE CREDITS			39
TOTAL DEGREE CREDITS			67
<p><i>Degree requires 13 credit hours of electives of approved courses from the following prefix: HEQ, ASE, EIC, ADE, DPM and/or MAC and 15 hours of General Education courses as listed.</i></p>			



Associate of General Studies (AGS) Program:



GRADUATION REQUIREMENTS	
General Education	32 ¹
Major Requirements	28
Total Credit Hours Required	60

General Education Requirements 32¹ credit hours

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.

Communication 9 credit hours			Physical and Life Sciences 4 credit hours minimum		
ENG 121	English Composition I	3	AST 101	Astronomy I	4
ENG 122	English Composition II	3	AST 102	Astronomy II	4
COM 115	Public Speaking or 125 Interpersonal Communication or 220 Intercultural Communication	3	BIO 105	Science of Biology	4
Mathematics 3 credit hours minimum			BIO 111	General College Biology I	5
MAT 107	Career Math	3	BIO 112	General College Biology II	5
MAT 120	Mathematics for Liberal Arts	4	BIO 201	Human Anatomy & Physiology I	4
MAT 121	College Algebra	4	BIO 202	Human Anatomy & Physiology II	4
MAT 135	Intro to Statistics	3	BIO 204	Microbiology	4
MAT 155	Integrated Math I	3	BIO 220	General Zoology	5
MAT 156	Integrated Math II	3	BIO 221	Botany	5
MAT 166	Pre-Calculus	5	CHE 101	Introduction to Chemistry I	5
MAT 201	Calculus I	5	CHE 102	Introduction to Chemistry II	5
MAT 202	Calculus II	5	CHE 111	General College Chemistry I	5
Social & Behavioral Science 6 credit hours			CHE 112	General College Chemistry II	5
History:			ENV 101	Environmental Science	4
HIS 101	Western Civ: Antiquity-1650	3	GEY 111	Physical Geology	4
HIS 102	Western Civ: 1650-Present	3	GEY 112	Historical Geology	4
HIS 121	U.S. History to Reconstruction	3	PHY 105	Conceptual Physics	4
HIS 122	U.S. History since Civil War	3	PHY 111	Physics: Algebra-Based I	5
Economics and Political Systems:			PHY 112	Physics: Algebra-Based II	5
ECO 201	Principles of Macroeconomics	3	PHY 211	Physics: Calculus-Based I	5
ECO 202	Principles of Microeconomics	3	PHY 212	Physics: Calculus-Based II	5
POS 105	Introduction to Political Science	3	SCI 155	Integrated Science I	4
POS 111	American Government	3	SCI 156	Integrated Science II	4
POS 205	International Relations	3	<i>The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111.</i>		
Geography:			General Education Electives 5 credit hours		
GEO 105	World Regional Geography	3	Choose 5 or more credits from the list of guaranteed transfer courses.		
GEO 106	Human Geography	3			
Human Behavior and Social Social Systems:					
ANT 101	Cultural Anthropology	3			
ANT 111	Physical Anthropology	3			
PSY 101	General Psychology I	3			
PSY 102	General Psychology II	3			
PSY 227	Psychology of Death and Dying	3			
PSY 235	Human Growth and Development	3			
PSY 238	Child Development	3			
PSY 249	Abnormal Psychology	3			
SOC 101	Introduction to Sociology	3			
SOC 102	Introduction to Sociology II	3			
SOC 205	Sociology of Family Dynamics	3			

Continued on next page

Associate of General Studies Continued

Arts and Humanities	6 credit hours	Electives**	30 credit hours	
		<i>Select from Academic and/or Career & Technical Electives**</i>		
Arts:				
ART 110	Art Appreciation	3	<i>** Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.</i>	
ART 111	Art History I	3		
ART 112	Art History II	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	Theater of Appreciation	3		
THE 211	Development of Theatre I	3		
THE 212	Development of Theatre II	3		
SPA 211	Spanish Language III	3		
SPA 212	Spanish Language IV	3		
Literature & Humanities:				
HUM 115	World Mythology	3		
HUM 121	Humanities Early Civilizations	3		
HUM 122	Humanities Medieval to Modern	3		
HUM 123	Humanities Modern World	3		
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 212	American Literature after Civil War	3		
Ways of Thinking:				
PHI 111	Introduction to Philosophy	3		
PHI 112	Ethics	3		
PHI 113	Logic	3		





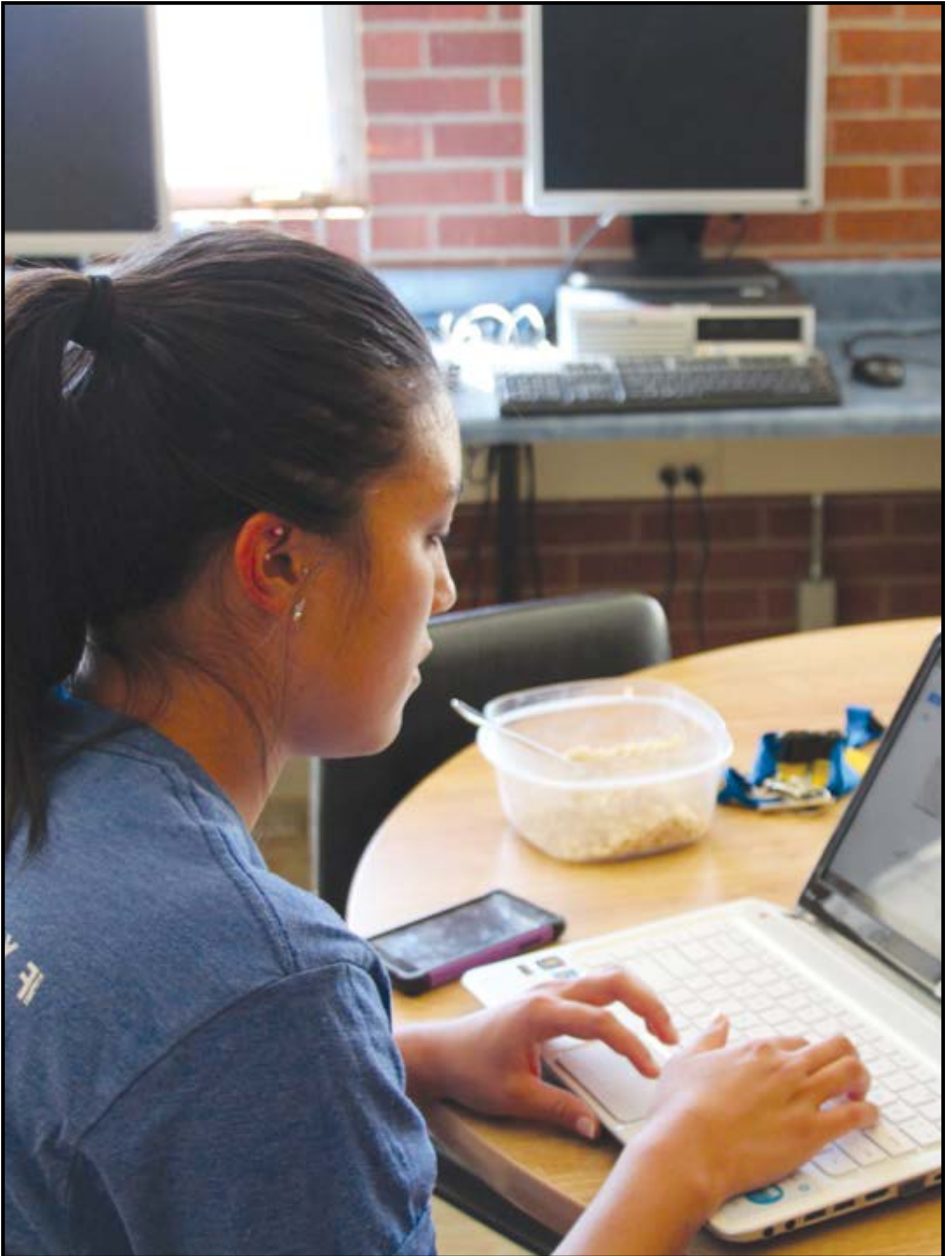


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Course Descriptions...

A number of classes offered by Trinidad State Junior College are considered Statewide Guaranteed Transfer Courses. The initials GT are located in the Course Title for example: AGE 102 Agriculture Economics: GT-SS1.
9

For further information on these and other classes go to: https://erpdnssb.cccs.edu/PRODCCCS/ccns_pub_controller.p_command_processor

AAA – Advanced Academic Achievement

AAA 050 Semester Survival

3 Credits

Emphasizes basic study skills in order to bolster their chances of completing the current semester successfully.

AAA 101 College 101: The Student Experience

1 Credit

Introduces students to college culture and prepares them for the challenges they will face in higher education. Through a series of interactive seminars, students discover learning in a multicultural environment and use college and community resources to attain education and career goals.

ACC - Accounting

ACC 101 Fundamentals of Accounting

3 Credits

Presents the basic elements and concepts of accounting, with emphasis on the procedures used for maintaining journals, ledgers, and other related records, and for the completion of end-of-period reports for small service and merchandising businesses.

ACC 115 Payroll Accounting

3 Credits

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.

ACC 121 Accounting Principles I

4 Credits

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.

ACC 122 Accounting Principles II

4 Credits

Introduces the study of accounting principles for understanding of the theory and logic that underlie procedures and practices. Major topics include the accounting cycle for service and merchandising companies, special journals and subsidiary ledgers, internal control principles and practices, notes and interest, inventory systems and costing, plant assets and intangible asset accounting, and depreciation methods and practices.

ACC 132 Tax Help Colorado Practicum

2 Credit

This course allows students to prepare actual federal and state income tax returns for individuals in the real time environment.

ACC 133 Tax Help Colorado Site Lab

1 Credits

This course allows students to prepare actual federal and state income tax returns for individuals in the real time environment.

ACC 135 Spreadsheet Apps/ Accounting

3 Credits

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 245 Computerized Acct Prof Pkg

3 Credits

Integrates accounting principles and practices with a computerized accounting package such as Peachtree, DacEasy, or other professional package. Emphasizes computerized functions of the general ledger and integrated accounts payable, accounts receivable, invoicing and payroll systems.

ADE – Agriculture Diesel & Equipment

ADE 135 Small Gasoline Engines

4 Credits

Teaches the theory of both the 2-cycle and 4-cycle engines to help the student effectively adjust, maintain, overhaul, and trouble-shoot these engines in a minimum amount of time.

AGE – Agriculture Economics

AGE 102 Agriculture Economics: GT-SS1

3 Credits

Focuses on economic principles as applied to agriculture through price discovery with producer supply and consumer demand, governmental policies, rural development, and resource management.

AGE 205 Farm and Ranch Management

3 Credits

Provide students with practical experience in applying principles of economics, business, marketing and finance to the management of a farm / ranch operation.

AGE 208 Agricultural Finance

3 Credits

Emphasizes principles of finance and their application to agriculture and agribusiness, including the time value of money, net present value analysis, interest, credit lending institutions, financial statements and financial ratios.

AGE 210 Agriculture Marketing

3 Credits

Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.

AGP – Agriculture Production

AGP 107 Practical Irrigation Management

2 Credits

Introduces the student to irrigation methods, scheduling, limited irrigation concepts, hydrology, safety, water quality, chemigation, and interrelationships between irrigation, soil fertility, and crops. A limited amount of water law is also covered.

AGR – Agriculture

AGR 260 World Interdependence - Population and Food: GT-SS3

3 Credits

Covers the study of world population and food production and distribution. Problems and opportunities concerning population and food are discussed in a global context.

AGY – Agriculture Crops & Soils

AGY 100 General Crop Production

4 Credits

Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization.

AGY 240 Introductory Soil Science: GT-SC1

4 Credits

Focuses on formation, physical properties, chemical properties and management of soils emphasizing conditions that affect plant growth. This course is one of the Statewide Guaranteed Transfer courses.

ANT – Anthropology

ANT 101 Cultural Anthropology: GT-SS3

3 Credits

Studies human cultural patterns and learned behavior including linguistics, social and political organization, religion, culture and personality, culture change, and applied anthropology.

ANT 107 Introduction to Archaeology: GT-SS3

3 Credits

Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. The course provides a survey of the archaeology of different areas of the Old and New Worlds and the works of selected archaeologists, and discusses major archaeological theories.

ANT 111 Physical Anthropology: GT-SS3

3 Credits

Studies human biology and its effects on behavior including principles of genetics and evolution, vertebrates and primates, human origins, human variation, and ecology.

ANT 201 Introduction to Forensic Anthropology: GT-SS3

3 Credits

Studies the basic principles of forensic anthropology, an applied field within the discipline of physical anthropology. The course 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.

AQT – Aquaculture

AQT 101 Introduction to Aquaculture

3 Credits

Introduces students to today's Aquaculture Industry. Emphasizes terminology, historical background and basic principles and practices. Commonly cultured fish species and other products of aquacultural significance are covered. Local, state and federal policies governing aquaculture operations as well as career opportunities are discussed. Students study factors to consider before starting a business.

AQT 102 Fish Biology and Ichthyology

5 Credits

Introduces the study of fish. Focuses on fish anatomy and physiology, reproduction and development, behavior and activities, nomenclature and taxonomy, and evolution and adaptations. Covers the basic anatomy of fish and their organ systems and includes the laboratory dissection of yellow perch as well as other species of fish. The course also includes a survey of the important families of fishes with emphasis on species of aquacultural significance. Students use taxonomic keys to identify individual species and become familiar with life histories and evolutionary adaptations.

AQT 103 Diseases of Fish

5 Credits

Introduces students to the most common diseases that inflict aquacultured fish species. Covers bacterial, viral, parasitic, mycotic, nutritional and environmental disease. Studies the disease processes in fish as well as the immune response in fish. Laboratory focuses on proper necropsy and sample taking techniques, fish health assessment, disease diagnosis and prognosis, and prescribed therapies. Students perform calculated treatments using various FDA approved chemotherapeutic compounds. Safety and handling of chemotherapeutants is stressed.

AQT 104 Fish Nutrition

4 Credits

Introduces students to the nutritional aspects of both warm water and cold water fishes. Covers the fish's digestive anatomy, nutritional requirements, metabolic pathways, diets and available food sources. Laboratory focuses on calculation of appropriate feeding levels and feed conversions for developing fish as well as hands-on practice of feeding fish through actual production cycles and experimental feeding trials. Feeding practices and methodology is emphasized.

AQT 105 Water Quality for Freshwater Fishes

4 Credits

Introduces students to the examination of the aquatic environment as it relates to freshwater fish growth, development and health. Concentrates on aspects of water quality which determine the suitability of water for holding and rearing of aquatic plants and animals. Presents methods and techniques to alter or improve water quality in response to changing environmental conditions or changes in husbandry. Provides a practical hands-on approach to water quality principles and management by stressing testing and analysis of water samples under laboratory and field conditions. Students become proficient in analytical procedures used for the determination of various water characteristics critical to fish culture.

AQT 110 Aquaculture I

3 Credits

Covers the basic biological and production requirements for commonly cultured fish species in ponds, tanks, cages, raceways and recirculating systems. Basic fish handling procedures, aquacultural considerations and inventory practices are emphasized. Detailed record keeping is stressed to allow for accurate predictions of fish growth, feed requirements and production costs. Students are introduced to the common technologies currently employed in the industry. It is an introductory course that provides background for the advanced Aquaculture II classes in which the student will raise some of the fish species introduced in Aquaculture I.

AQT 210 Aquaculture II

5 Credits

Exposes students to the day-to-day duties, responsibilities and production strategies associated with the propagation, feeding, care, transfer and harvest of commonly cultured fish species. Emphasizes technological exposure, hands-on involvement and farm safety through the actual production of various fish species. **Prerequisite: AQT 110**

AQT 230 Aquacultural Engineering and Design

4 Credits

Engages the student in the mock planning, design and construction of a fish production facility under a given set of specifications. Students strive to successfully address all the major physical and biological concerns related to the development of an aquacultural enterprise including elementary hydraulics, energy requirements, capital construction and operation costs, as well as water and land requirements for the annual production of a target species(s). Innovation, creativity and technology usage is stressed. Students build upon their visitations and critiques of various pond, raceway and tank production facilities previous to the design project.

AQT 240 Aquacultural Business and Marketing

4 Credits

Engages the student in the development of mock business and marketing plans. Students are exposed to the dynamics and general economics of an aquaculture business on a small family-farm scale, a large corporate scale and a public or governmental scale. Students are presented with the factors that influence and affect competition within the industry as well as the principles, strategies and costs associated with the marketing and sales of aquacultural products. Various fish species actually produced in Aquaculture II are marketed and sold through this course. Industry ethics and entering into contractual business agreements are stressed.

AQT 275 Special Topics

4 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

AQT 288 Aquaculture Practicum

6 Credits

This course is a supervised training situation at an approved fish production or management facility, or closely related business. Students choose the facility based on species preferences and/or potential for future employment. Students may choose any work scenario that best fits their needs to satisfy the 150 hours of practical work experience needed for completion of the A.A.S. Degree. Summer jobs are usually the most common and available. The practicum provides students the opportunity to practice and refine skills learned in the first year of the program while under the supervision of an experienced aquaculturist. At the end of their employment, the employer will review the student's performance with the instructor on a pass/fail basis.

ART – Art**ART 110 Art Appreciation GT-AH1**

3 Credits

Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology.

ART 111 Art History Ancient to Medieval: GT-AH1

3 Credits

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.

ART 112 Art History Renaissance to Modern: GT-AH1

3 Credits

Provides the knowledge base to understand the visual arts, especially as related to Western culture. Surveys the visual arts from the Renaissance to 1900.

ART 121 Drawing I

3 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 124 Watercolor I

3 Credits

Provides an introduction to the basic techniques and unique aspects of materials involved in the use of either transparent or opaque water media or both. Color theory is included.

ART 128 Figure Drawing I

3 Credits

Introduces the basic techniques of drawing the human figure.

ART 145 Digital Darkroom

3 Credits

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.

ART 151 Painting I

3 Credits

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 154 Figure Painting I

3 Credits

Focuses on painting the human figure, and includes a brief survey of figure painting, and instruction in the fundamental methods of composition and expressions.

ART 155 Portraiture

3 Credits

Introduces portrait drawing using various media, such as pencil, charcoal, pastel, and watercolor. Head and hand structures and their individual features and composition (using art elements and principles) are emphasized.

ART 161 Ceramics I

3 Credits

Introduces traditional and contemporary ceramic forms and processes including handbuilding and throwing on the potter's wheel.

ART 221 Drawing II

3 Credits

Explores expressive drawing techniques with an emphasis on formal composition, color media and content or thematic development.

ART 224 Watercolor II

3 Credits

Continues the study of watercolor techniques, emphasizing original compositions and experimentation with materials. Color theory is included.

ART 239 Digital Photography II

3 Credits

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.

ART 251 Painting II

3 Credits

This course further explores techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting, with emphasis on composition and content development.

ASC – Animal Science

ASC 100 Animal Sciences

3 Credits

Studies the basic fundamentals of livestock production pertaining to principles of breeding, genetics, nutrition, health, and physiology of beef, sheep, swine, dairy, and horses. Focuses on the Animal Science Industry in general and each species industry in regard to history, current situation, and future direction.

ASC 225 Feeds and Feeding

4 Credits

Focuses on the basic nutrients, common feeds and feed additives, anatomy of digestive systems, and basic feeding practices for beef, sheep, and dairy. The lab portion of the class is devoted to calculating and balancing rations to fulfill nutrient requirement for farm animals for growth, finishing, reproduction, lactation, work, and wool production. Explores least cost ration balancing on the computer.

ASC 250 Live Animal and Carcass Evaluation

3 Credits

Explores meat carcass evaluation and the related yield and quality grading system. Emphasizes selection of breeding stock based on performance data. Covers comparative selection, grading, and judging of market and breeding classes of livestock based on knowledge of phenotype, performance, information, and/or carcass merit.

ASC 288 Livestock Practicum

2 Credits

Provides experiential learning with beef cattle, dairy cattle, swine and sheep.

ASE – Auto Service Technology

ASE 102 Introduction to the Automotive Shop

2 Credits

Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

ASE 110 Brakes I

2 Credits

Covers basic operation of automotive braking systems. This includes operation, diagnosis and basic repair of disc, drum and basic hydraulic braking systems.

ASE 120 Basic Automotive Electricity

2 Credits

Introduces vehicle electricity and includes basic electrical theory, circuit designs, and wiring methods. It also focuses on multimeter usage and wiring diagrams.

ASE 123 Starting and Charging System

2 Credits

Covers the operation, testing and servicing of vehicle battery, starting and charging systems. Includes voltage testing of starter and generator, load testing and maintenance of a battery.

ASE 130 General Engine Diagnosis

2 Credits

Teaches students how to perform basic engine diagnosis to determine condition of engine. This will include engine support systems.

ASE 132 Ignition System Diagnosis and Repair

2 Credits

Focuses on lecture and related laboratory experiences in the diagnosis, service, adjustments and repair of various automotive ignition systems.

ASE 134 Automotive Fuel and Emissions Systems I

2 Credits

Focuses on lecture and laboratory experiences in the diagnosis and repair of automotive fuel emission control systems, filter systems and spark plugs. Course also includes maintenance to diesel (DEF) systems.

ASE 140 Suspension and Steering I

2 Credits

Focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.

ASE 150 Manual Drive Train and Axle Maintenance

2 Credits

Studies the operating principles and repair procedures relating to axle-shaft and universal joints.

ASE 151 Automotive Manual Transmission/Transaxles & Clutches 2 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive manual transmissions, transaxles and clutches and related components.

ASE 152 Manual Transmission, Transaxles and Clutches II

2 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive differentials, four wheel and all wheel drive units.

ASE 160 Automotive Engine Repair

2 Credits

Focuses on lecture and laboratory experiences in the service of cylinder head, valve-train components and components of the cooling system. Course also includes engine removal and re-installation and re-mounting systems.

ASE 210 Automotive Power and ABS Brake Systems

2 Credits

Covers the operation and theory of the modern automotive braking systems. Includes operation, diagnosis, service, and repair of the anti-lock braking systems, power assist units and machine operations of today's automobile.

ASE 221 Automotive and Diesel Body Electrical

2 Credits

Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.

ASE 231 Automotive Computers and Ignition Systems

2 Credits

Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.

ASE 233 Auto Fuel Injection and Emissions Systems II

4 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of electronic fuel injection systems and modern exhaust systems.

ASE 235 Driveability & Diagnosis

2 Credits

Emphasizes lecture and related laboratory experience in diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters and gas analyzers. Students diagnose live vehicle driveability problems.

ASE 240 Suspension and Steering II

2 Credits

Covers operation of steering and power steering systems. It will also include different alignment types and procedures.

ASE 250 Automatic Transmission/Transaxle Service

1 Credit

Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle.

ASE 260 Advanced Engine Diagnosis

2 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors related to customer vehicles.

ASE 265 Heating and Air Conditioning Systems

4 Credits

Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components.

AST – Astronomy**AST 101 Astronomy I with Lab: GT-SC1**

4 Credits

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: MAT 050**

AST 102 Astronomy II with Lab: GT-SC1

4 Credits

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: MAT 050**

BAR – Barber**BAR 103 Introduction to Hair & Scalp**

1 Credit

Introduces various types of hair, scalp treatments and shampoos. Focuses on recognition and treatment of disorders of hair and scalp, product knowledge and proper massage techniques to help control these disorders and cleanse the hair and scalp. Covers terminology dealing with hair structure scalp and hair disorders. Training is provided in a lab or classroom setting.

BAR 107 Introduction to Shaving, Honing & Stropping

1 Credit

Introduces the general principles of shaving to include hair texture, grain of the beard and analysis of the skin. Theory is combined with the practical application of proper shaving procedures and cutting strokes used on the face.

BAR 108 Intermediate Shaving, Honing & Stropping

1 Credit

Focuses on theory and practical training related to mustache and beard designing and trimming. Practical applications are incorporated in specialized classes or in a supervised salon.

BAR 110 Introduction to Hair Coloring

3 Credits

Introduces theory pertaining to law of color, theory of color, chemistry of color, product knowledge, and analysis of hair and scalp. Focuses on basic techniques and procedures for the application of hair coloring.

BAR 111 Intermediate Hair Coloring

2 Credits

Emphasizes theory and practical application of color products, formulations of color, and level and shades of color.

BAR 120 Introduction to Hair Cutting

3 Credits

Introduces theory relevant to patron protection angles and degree and analysis of hair textures related to hair cutting. Covers proper use and care of hair cutting implements. Introduces basic hair cutting techniques using scissors, razor, clippers, and thinning shears. Training is provided in a classroom or lab setting with students training on mannequins or models.

BAR 121 Intermediate Hair Cutting

3 Credits

Focuses on theory related to facial shapes and head and body forms to determine the appropriate haircut. Practical application of hair cutting techniques are explored in specialized classes or in a supervised salon setting.

BAR 130 Introduction to Hair Styling

3 Credits

Combines theory with the practical application of airforming curling iron, finger waving, soft pressing and hard pressing.

BAR 131 Intermediate Hair Styling

3 Credits

Focuses on the accepted methods of styling hair, air forming, finger waves, and hair pressing.

BAR 140 Introduction to Permanent Waves & Chemical Relaxers 3 Credits

Focuses on the analysis of hair and scalp, proper equipment and product knowledge. Covers basic techniques in permanent waving and chemical relaxing. Incorporates training in a classroom or lab setting on mannequins or models.

BAR 141 Intermediate Permanent Waves & Chemical Relaxers 3 Credits

Focuses on theory and practical application of permanent waves and chemical relaxers in specialized classes or supervised salon setting. Students practice different wrapping techniques that are required by trend styles.

BAR 166 Introduction to Facial Massage & Skin Care

1 Credit

Emphasizes basic understanding of facial massage manipulations and the study of skin in both practical and theory applications. Covers the benefits derived from proper facial massage and a good skin care routine.

BAR 167 Intermediate Facial Massage & Skin Care

1 Credit

Focuses on practical application dealing with anatomy, skin disorders, skin types and facial shapes. Students help patrons select proper skin care treatments.

BAR 203 Advanced Hair and Scalp

1 Credit

Focuses on advanced theory and practical training of hair, scalp treatments and shampooing in a supervised salon setting. Advanced techniques prepare the student for employment. Covers student preparation for the State Board Licensing Examination on theory and practical procedures.

BAR 207 Advanced Shaving, Honing & Stropping

1 Credit

Focuses on advanced training in shaving, honing and stropping. Practical and theory application is completed in specialized classes or supervised clinical training. Student will be prepared for State Board license exam.

BAR 211 Advanced Hair Coloring

3 Credits

Provides continued instruction in advanced practical techniques for hair coloring with emphasis on recognition of color problems and color correction procedures. Covers advanced techniques and product knowledge to prepare the student for employment. Provides instruction for the State Board Licensing Examination pertaining to hair coloring. **Prerequisite: 16 years of age.**

BAR 220 Advanced Hair Cutting

3 Credits

Provides theory and advanced techniques in all phases of hair cutting to ready the student for employment. Covers student preparation for State Board licensing examination on theory and practical procedures. Training is a combination of supervised work and specialized classes.

BAR 231 Advanced Hair Styling

3 Credits

Focuses on theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of supervised salon (clinical) work and specialized classes. Includes student preparation for the State Board Licensing Examination relating to hairstyling.

BAR 241 Advanced Permanent Waves & Chemical Relaxers

2 Credits

Focuses on advanced techniques to prepare the student for employment and examines changes in current industry standards. Provides instruction in specialized classes or a supervised salon setting. Covers student preparation for the State Board Licensing Examination pertaining to permanent waves and relaxers.

BAR 266 Advanced Facial Massage & Skin Care

1 Credit

Emphasizes anatomy, skin disorders, skin types and facial shapes. Students guide patrons on selection of proper skin care treatments. Covers student preparation for State Board licensing examination on theory and practical procedures.

BIO – Biology**BIO 105 Science of Biology with Lab: GT-SC1**

4 Credits

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.

BIO 106 Basic Anatomy And Physiology

4 Credits

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.

BIO 111 General College Biology I with Lab: GT-SC1

5 Credits

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. The course includes laboratory experience.

BIO 112 General College Biology II with Lab: GT-SC1

5 Credits

Continues Biology I. Includes ecology, evolution, classification, structure, and function in plants and animals. Includes laboratory experience. **Prerequisite: BIO 111**

BIO 152 Wildlife Biology

3 Credits

Studies the biology of wild mammals, birds, and fish. Focuses on conservation of wildlife and fisheries resources.

BIO 201 Human Anatomy and Physiology I with Lab: GT-SC1

4 Credits

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 dissection. This is the first semester of a two-semester sequence.

BIO 202 Human Anatomy and Physiology II with Lab: GT-SC1

4 Credits

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: BIO 201**

BIO 204 Microbiology with Lab: GT-SC1

4 Credits

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 an emphasis on their role in infectious disease. **Prerequisite: BIO 111 OR BIO 201**

BIO 216 Pathophysiology

4 Credits

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. **Co-Prerequisite: BIO 202**

BIO 220 General Zoology with Lab: GT-SC1

5 Credits

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, this course requires hands-on laboratory and field experience. This course is designed for biology majors. **Prerequisite: BIO 111**

BIO 221 Botany with Lab: GT-SC1

5 Credits

Studies nonvascular and vascular plants, emphasizing photosynthetic pathways, form and function, reproduction, physiology, genetics, diversity, evolution, and ecology. This course requires mandatory hands-on laboratory and field experience. This course is designed for biology majors.

Prerequisite: BIO 111

BIO 222 General College Ecology

4 Credits

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: BIO 111**

BIO 228 Field Biology III

4 Credits

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 and requires hands-on laboratory and field experience including extensive hiking. **Prerequisite: BIO 111**

BTE – Business Technology

BTE 100 Computer Keyboarding

1 Credit

Designed for students who have minimal or no keyboarding skills. Introduces the touch method of keyboarding, as well as the basic operation and functions of the equipment. Emphasizes learning the alphanumeric keyboard, proper technique, and speed control.

BTE 102 Keyboarding Applications I

2 Credits

Designed for students with minimal keyboarding skills. Introduces letters, tables, memos, and manuscripts. Emphasizes speed and accuracy. **Prerequisite: ABILITY TO KEYBOARD 20 WPM OR PERMISSION OF THE INSTRUCTOR**

BTE 103 Keyboarding Applications II

3 Credits

Reinforces basic keyboarding formats and procedures. Productivity and decision-making skills are exercised. Emphasizes speed and accuracy.

BTE 108 Ten-Key by Touch

1 Credit

Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.

BTE 112 Keyboarding Speedbuilding II

2 Credits

Continues the skill building sets from BTE 111. This course is designed to further increase speed and improve accuracy in keyboarding on the PC through the use of correct techniques and concentrated effort. **Prerequisite: ABILITY TO KEYBOARD BY TOUCH OR PERMISSION OF THE INSTRUCTOR**

BTE 116 File Management

1 Credit

Provides instruction principles, organization, and procedures for alphabetic, numeric, subject, chronological and geographic systems of filing.

BTE 129 Business Telecommunications I

.5 Credit

Develops effective telephone skills, including dealing with difficult callers, handling conflict resolution, and presenting a business-like and courteous telephone manner. Other forms of telecommunications will be studied.

BTE 225 Office Management

3 Credits

Emphasis is placed on functions of the office. Includes office organization, work in the office, office layout, equipment and supplies, procurement and control, workflow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.

BUS – Business

BUS 102 Entrepreneurial Operations

3 Credits

Covers the major aspects of small business management to enable the entrepreneur to successfully begin his own business. This course provides the basic concepts of marketing, principles of management and finance needed to manage a small business. Further it develops the business plan and suggests methods of obtaining the financing required to launch the business.

BUS 115 Introduction to Business

3 Credits

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.

BUS 117 Business Writing

1 Credit

Focuses on specific business writing processes needed to produce business memos, email, good and bad news messages, reports, graphics in writing, electronic presentations and proofreading.

BUS 175 Special Topics Basic Workplace Skills

1 Credit

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

BUS 216 Legal Environment of Business

3 Credits

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.

BUS 217 Business Communication & Report Writing

3 Credits

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication.

BUS 226 Business Statistics

3 Credits

Focuses on statistical study, descriptive statistics, probability, binominal distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for the business major.

BUS 289 Capstone

1 Credit

Demonstrates the culmination of learning within a given program of study.

CAR – Carpentry**CAR 100 Introduction to Carpentry**

1 Credit

Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.

CAR 105 Job Site Layout and Blueprint Reading

1 Credit

Introduces blueprint reading and how they apply to the construction site. Includes in-depth introduction to site layout (materials and methods).

CAR 115 Form & Foundation Systems

1 Credit

Covers materials and methods for concrete forms and foundations. Includes various reinforcement methods such as re-bar and welded-wire fabric.

CAR 120 General Construction Framing

1 Credit

Instruct students in basic framing methods and materials utilizing a hands-on framing lab. Covers floor, wall, and roof framing.

CAR 130 Windows and Exterior Doors

1 Credit

Describes the various types of windows, skylights, and exterior doors and provides instructions for installing them. Includes instructions for installing weather-stripping and locksets.

CHE – Chemistry**CHE 101 Introduction to Chemistry I with Lab: GT-SC1**

5 Credits

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: MAT 055**

CHE 102 Introduction to Chemistry II with Lab: GT-SC1

5 Credits

Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical

properties of biochemical compounds along with their biochemical pathways. Laboratory experiments are included. **Prerequisite: CHE 101 OR PERMISSION OF THE INSTRUCTOR**

CHE 105 Chemistry In Context with Lab: GT-SC1
5 Credits

Covers the study of measurements, matter, molecules, atoms, chemical bonding, nomenclature, energy, acids, bases, and nutrition. Course work examines chemistry in the modern world and surveys the current knowledge as well as the conceptual framework of the discipline. Chemistry as a science is explored, as is the impact of chemistry on society. This course includes laboratory experience and is designed for non-science majors.

CHE 107 Fundamentals of General Chemistry with Lab
5 Credits

Focuses on the study of measurement, states of matter, atomic/molecular theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base chemistry, gas laws, condensed states of matter, oxidation-reduction reactions periodicity, and chemical equilibrium. Designed for students with no previous chemistry background and need one semester of general chemistry. Includes laboratory experiments.

CHE 111 General College Chemistry I with Lab: GT-SC1
5 Credits

Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry and thermochemistry. This course covers the development of atomic theory culminating in the use of quantum numbers to determine electron configurations of atoms, and the relationship of electron configuration to chemical bond theory and molecular orbital theory. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments. **Prerequisite: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR EQUIVALENT. CO-REQUISITE MAT 121**

CHE 112 General College Chemistry II with Lab: GT-SC1
5 Credits

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: CHE 111 AND MAT 121**

CHE 205 Introductory Organic Chemistry with Lab
5 Credits

Focuses on compounds associated with the element carbon, their reactions, and synthesis. Includes structure, physical properties, reactivities, synthesis and reactions of aliphatic

hydrocarbons and selected functional group families including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids. Covers nomenclature, stereochemistry, and reaction mechanisms. Includes reactions and reaction mechanisms of aromatic compounds. Designed for students needing one semester of organic chemistry.

CHE 211 Organic Chemistry I with Lab
5 Credits

Focuses on compounds associated with the element carbon including structure and reactions of aliphatic hydrocarbons and selected functional group families. The course covers nomenclature of organic compounds, stereochemistry, reaction mechanisms such as SN1, SN2, E1 and E2. Laboratory experiments demonstrate the above concepts plus the laboratory techniques associated with organic chemistry.

CIS – Computer Information System

CIS 118 Intro to PC Applications
3 Credits

Introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet. **Prerequisite: BASIC SKILLS ASSESSMENT**

CIS 135 Complete PC Word Processing (software package)
3 Credits

Explores a complete array of word processing skills. The skills needed to create, edit, format, and print documents are covered. Other topics include character, paragraph, and page formats, the use of spelling checkers and thesaurus, hyphenation, tables, mail merge, document design, and graphics. **Prerequisite: COMPUTER LITERACY: PERMISSION OF THE INSTRUCTOR**

CIS 155 PC Spreadsheet Concepts: (software package)
3 Credits

Exposes the student 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 simple macros.

CIS 167 Desktop Publishing: (Software)
3 Credits

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:**
KNOWLEDGE OF WORD PROCESSING

COM – Communication

COM 115 Public Speaking

3 Credits

Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

COM 125 Interpersonal Communication

3 Credits

Examines the communication involved in interpersonal relationships occurring in family, social, and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflict.

COM 126 Communication in Healthcare

3 Credits

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.

COM 217 Group Communication

3 Credits

Examines group communication theories with an emphasis on leadership and group behaviors. The course provides opportunities for group participation.

COM 220 Intercultural Communication: GT-SS3

3 Credits

Explores the link between culture and communication and will develop and/or enhance communication skills and the abilities appropriate to a multicultural society. Emphasis will be on understanding diversity within and across cultures. Relevant concepts include perception, worldview, context, ethics, language, and nonverbal communication.

CON – Construction Technology

CON 128 Cost Estimation

2 Credits

Provides an overview of the estimation process. Bid requirements, and package are discussed along with an introduction to the CSI divisions.

COS – Cosmetology

COS 103 Shampoo/Rinses/Conditioners I

1 Credit

Introduces various types of scalp treatments and shampoos. Enables student to recognize and treat disorders of hair and scalp. Covers product knowledge and proper massage techniques to help control disorders and to cleanse the hair and scalp. Includes terminology dealing with hair structure, scalp, and hair disorders. Provides training in a lab or classroom setting.

COS 110 Introduction to Hair Coloring

2 Credits

Provides theory pertaining to the law of color, theory of color, chemistry of color, product knowledge, and analysis of hair and scalp. Covers basic techniques and procedures for the application of hair coloring.

COS 111 Intermediate: Hair Coloring

2 Credits

Focuses on theory and practical application of color products, formulations of color, level and shades of color. Examines techniques in a specialized class or in a supervised salon setting.

COS 120 Introduction to Hair Cutting

2 Credits

Introduction to the theory relevant to patron protection, angles, variations, and the analysis of hair textures as related to hair cutting. Covers the proper use and care of hair cutting implements. Focuses on basic hair cutting techniques using all cutting implements. Disinfection, sanitation procedures as they relate to haircutting.

COS 121 Intermediate I: Haircutting

2 Credits

Focuses on theory related facial shapes, head and body forms to determine the clients appropriate haircut. Incorporates practical applications of hair cutting techniques in specialized classes or in the supervised salon (clinical setting).

COS 130 Introduction to Hair Styling

2 Credits

Combines theory with the practical application of roller placement, shaping, pincurls, finger waves, airforming iron curling, soft pressing and hard pressing.

COS 131 Intermediate I: Hair Styling

2 Credits

Focuses on the accepted methods of styling hair, air forming roller sets, finger waves pin curls braiding and hair pressing.

COS 140 Intro to Chemical Texture

1 Credit

Introduces a combination of theory and practice focusing on the analysis of hair and scalp, proper equipment and product knowledge. Includes basic techniques in permanent waving and chemical relaxing. Provides training in a classroom or lab setting on mannequins or live models.

COS 141 Intermediate I: Chemical Texture

1 Credit

Emphasizes theory and practical application of permanent waves and chemical relaxers in specialized classes or a supervised salon setting. Enables the student to practice different wrapping techniques required by trend styles.

COS 150 Laws, Rules and Regulations

1 Credit

Provides instruction on the laws, rules and regulations and how they govern the cosmetology and barber industry. The affects these on the student, licensed individual, salons and school owners.

COS 160 Introduction to Disinfection, Sanitation & Safety

2 Credits

Introduces the various methods of disinfection, sanitation, and safety as used in the cosmetology industry. Includes classroom study of bacteriology and the terminology dealing with cosmetology.

COS 203 Shampoos/Rinses/Conditioners II

1 Credit

Provides theory and practical training in shampoos, rinses and conditioners. Examines advanced techniques to prepare the student for employment. Includes preparation for the State Board Licensing Examination in shampoos, rinses and conditioners.

COS 210 Intermediate II: Hair Coloring

2 Credits

Provides continued instruction in the theory and practical application of color products, formulations of color, level and shades of color. Enables students to practice techniques in a specialized class or in a supervised salon setting.

COS 211 Advanced Hair Coloring

2 Credits

Provides continued instruction on advanced theory and practical techniques in hair coloring. Focuses on the recognition of color problems and color correction procedures. Covers advanced techniques and product knowledge to prepare the student for employment. Prepares the student for the State Board Licensing Examination pertaining to hair coloring.

COS 220 Intermediate II: Haircutting

2 Credits

Provides continued instruction in the theory related to facial shapes, head and body forms to determine the client's appropriate haircut. Incorporates practical applications of haircutting techniques.

COS 221 Advanced Hair Cutting

2 Credits

Focuses on advanced cutting techniques using all the cutting tools. Emphasizes current fashion trends. Includes student preparation for the State Licensure examination.

COS 230 Intermediate II: Hair Styling

2 Credits

Provides continued instruction on accepted methods of styling hair, air forming, roll set, finger waves and hair pressing. Examines techniques in specialized classes or in a supervised salon setting.

COS 231 Advanced Hair Styling

1 Credits

Focuses on theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of supervised salon (clinical) work and specialized classes. Includes student preparation for the State Board Licensing Examination relating to hairstyling.

COS 241 Advanced Chemical Texture

1 Credits

Focuses on advanced techniques to prepare the student for employment and the changes in current industry standards. Instruction is provided in specialized classes or supervised salon (clinical) setting. Includes student preparation for the State Board Licensing Examination pertaining to permanent waves and chemical relaxers.

COS 250 Management, Ethics, Interpersonal Skills & Salesmanship

1 Credits

Emphasizes the importance of salon management and the knowledge and skills necessary to build a successful business. Focuses on the importance of interpersonal skills and basic techniques in salesmanship and customer services. Integrates job readiness skills and professional ethics.

COS 260 Intermediate II: Disinfection, Sanitation & Safety 2 Credits

Provides continued study of theory and practice of proper methods of sterilization, disinfection, sanitation and safety procedures as related to all phases of the industry. Covers terminology and training of disinfection, sanitation and safety procedures. The individual responsibility to provide a safe work environment is practiced.

COS 261 Advanced Disinfection, Sanitation & Safety

2 Credits

Provides advanced training on decontamination and safety practices in a supervised salon and/or classroom setting. Examines advanced techniques that prepare the student for employment. Includes student preparation for the State Board Licensing Examination in decontamination and safety for all aspects of the industry. Study of OSHA requirements for schools and salon are done in a theory or practical setting.

COS 262 Advanced II: Disinfection, Sanitation & Safety 3 Credits

This course is the extra hours/credits required for the hairstylist program, per State Board of Colorado Barber/Cosmetology Board. Provides advanced training on decontamination and safety practices in a supervised salon and/or classroom setting. Examines advanced techniques that prepare the student for employment. Includes student preparation for the State Board Licensing Examination in decontamination and safety for all aspects of the industry. Study of OSHA requirements for schools and salon are done in a theory or practical setting.

CRJ – Criminal Justice**CRJ 110 Introduction to Criminal Justice**

3 Credits

Introduces students to the basic components of the criminal justice system in the United States. Concepts of crime, crime data, victimization, perspectives and views of crime, theory, and law are discussed. Particular attention to the criminal justice process, interaction and conflict between criminal justice agencies, and current criminal justice issues are examined.

CRJ 111 Substantive Criminal Law

3 Credits

Teaches legal definitions of crime, purposes and functions of the law, historical foundations, and the limits of the criminal law.

CRJ 112 Procedural Criminal Law

3 Credits

Covers constitutional and procedural considerations affecting arrest, search and seizure, post-conviction treatment, origin, development, philosophy, and constitutional basis of evidence. Focuses on degrees of evidence and rules governing admissibility, judicial decisions interpreting individual rights, and an analysis of case studies from arrest through final appeal.

CRJ 125 Policing Systems

3 Credits

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.

CRJ 135 Judicial Function

3 Credits

Examines the criminal process with an analysis of the major judicial decision-makers, i.e., prosecutors, defense attorneys, judges, and the discretionary aspects of adjudication.

CRJ 145 Correctional Process

3 Credits

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.

CRJ 209 Criminal Investigation I

3 Credits

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.

CRJ 210 Constitutional Law

3 Credits

Focuses on the powers of government as they are allocated and defined by the United States Constitution. Includes intensive analysis of United States Supreme Court decisions.

CRJ 216 Juvenile Law and Procedures

3 Credits

Conduct an in-depth analysis of the socio-legal operation of the Juvenile Justice System emphasizing the substantive and due process rights of minors. Analysis of legal reasoning underlying the juvenile law as it operates all levels of government.

CRJ 220 Human Relations and Social Conflict

3 Credits

Exploration of the environmental, organizational and socio-psychological dimensions of social control. Includes the study of individual attitudes, beliefs and behavior involved in role conflicts, community relations and conflict management in the social structure.

CRJ 225 Crisis Intervention

3 Credits

Exploration of information and application of crisis theories in working with diverse populations. Understanding of the interventionist role with regards to the field of crisis intervention.

CRJ 230 Criminology

3 Credits

Exploration of the question of crime causation from legal, social, political, psychological and theoretical perspectives. Understanding of the history and development of criminology.

CRJ 245 Interview and Interrogation

3 Credits

Exploration of the study of technical and legal approaches used in gathering desired information from victims, witnesses, and suspects. Examines the fundamental characteristics of questioning and the use of psychological influences.

CRJ 257 Victimology

3 Credits

Demonstrates to the student the role the crime victim plays in the criminal justice system. The traditional response that a crime victim receives from the system will be studied and the psychological, emotional and financial impact these responses have on victimization will be analyzed.

CSC – Computer Science

CSC 151 Advanced Visual Basic Programming

3 Credits

Builds on the skills learned in CSC150. Focuses on more involved applications, work with advanced controls, and deal with additional advanced topics.

CSC 154 Visual Basic.net Programming

3 Credits

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

CSC 160 Computer Science I: (Language)

4 Credits

Introduces students to the discipline of computer science and programming. Algorithm development, data representation, logical expressions, sub-programs and input/output operations using a high-level programming language are covered. Intensive lab work outside of class time is required.

Prerequisite: MAT 121

CSL – Counseling

CSL 245 Professional Ethics I

1 Credit

This course focuses on ethical issues specific to the practice of addiction counseling and on jurisprudence, which is the law and the practice of psychotherapy in Colorado. The class will cover the Colorado Mental Health Practice Act and introduce the student to the regulatory system and the role of DORA (Dept. of Regulatory Agencies) and DBH (Division of Behavioral Health) in the development and credentialing of the addiction counselor. There will be emphasis on developing ethical decision making skills, knowledge of confidentiality and the prohibited activities in the Mental Health Practice Act. Students will become familiar with the NAADAC Code of Ethics and acquire the tools for ethical and legal practice.

CSL 249 Differential Assessment of Problems Related to Psychoactive Drug Use

1 Credit

Focuses on comparing diagnostic and assessment models available to drug and alcohol addictions counselors. This course meets the differential assessment mandatory training requirements for the Counselor II level of the Colorado Drug and Alcohol Abuse Program. **Prerequisite: CSL 260**

CSL 250 Motivational Interviewing I

1.5 Credits

Provides the opportunity for students to learn both the model of Motivational Interviewing as well as the underlying Stages of Development model. Discussion of the populations of clients where these models have proven most effective will be discussed. Student opportunity for skills practice during class that includes skill sets specific to each stage of client readiness will be used. Presentation of assessment instruments to evaluate client readiness for change. **Prerequisite: CSL 268**

CSL 251 Pharmacology I for Addiction Counselors

1 Credit

This class will provide a solid base of knowledge about the drugs of abuse including what is happening in human physiology and behaviors, and will enhance the ability of the counselor to offer treatment services in a manner that respects gender, race and ethnicity, sexual orientation, cultural, familial, systemic and socioeconomic diversity.

CSL 252 Pharmacology II for Counselors

1 Credit

Focuses on the pharmacology of alcohol and drugs such as stimulants, nicotine, cannabis, hallucinogens, designer

drugs, over the counter medications, and medications for psychiatric illnesses. When combined with CSL 251, this course meets the pharmacology training requirement for the Counselor II level of the Colorado Alcohol and Drug Abuse Program. **Prerequisite:** CSL 251

CSL 253 Cognitive Behavior Therapy

1 Credit

Opportunity for students to learn the model of Cognitive Behavior Therapy as it applies to addiction. Discussion of the populations of clients where this model has proven most effective. Opportunity for skills practice during class that includes clinical feedback. Minimum of 14 contact hours.

CSL 254 Trauma Informed Care

1 Credit

Covers the concept of trauma-informed care, an approach being adopted within human services based upon an increased awareness of the ways trauma impacts functioning. Course will define what trauma informed care is and ways a traditional treatment setting can be modified to increase the sense of safety experienced by clients. Participants will learn how to incorporate trauma-informed practices into treatment with diverse populations, such as military veterans, women, and people with co-occurring disorders.

CSL 255 Infectious Diseases-Counselors

1 Credit

This class will help prepare addiction professionals to identify diseases frequently associated with drug abuse, determine client risk for infection, educate clients about disease prevention and treatment options, and assist clients in obtaining appropriate treatment as needed. This class will enhance the ability of the counselor to offer treatment services in a manner that respects gender, race and ethnicity, sexual orientation, cultural, familial, systemic and socioeconomic diversity.

CSL 256 Co-occurring Disorders

1 Credit

Presents the basics of working with clients with co-occurring mental health and substance abuse disorders. This class will address clinical assessment, treatment philosophy, strategies, and guidelines to provide integrated treatment with co-occurring disorders. It will include an introduction to the diagnostic criteria for the mental disorders most often seen with substance use disorders. The essential values, attitudes, and competencies of the counselor working with this population are discussed.

CSL 257 Professional Counseling Ethics II

1 Credit

Provides participants with an overview of ethical and risk management issues related to addiction treatment services with an emphasis on professional conduct, professional

boundaries, boundary crossings, boundary violations, dual relationships and an appropriate use of counselor self-disclosure. Class will focus on issues of professional distance, modeling and maintaining healthy therapeutic boundaries. The ethics of delivering professional counseling to persons of culturally diverse backgrounds will be discussed along with issues of professional readiness and professional development.

CSL 258 Group Counseling Skills

1.5 Credits

Provides students with the skills that allow one therapist to facilitate a group process that help a number of clients simultaneously, and provides positive peer support and pressure for recovery. This class will help the student understand the use of group therapy and be able to demonstrate the skills necessary to facilitate a therapy group. The class will focus on group process and discuss diversity within groups, as well as challenges for group leaders.

CSL 260 Client Records Management

1 Credit

This class will provide the counselor with an understanding of the clinical record and the continuum of client care that the record documents and tracks. The class presents screening, assessment and evaluation, diagnosis, ASAM patient placement criteria, treatment planning, progress note completion, documentation requirements and discharge planning. It emphasizes the confidentiality of the client record and includes releases of information, mandatory disclosure and informed consent among others.

CSL 265 Culturally Informed Treatment

1 Credit

This class will provide a basic foundation for understanding how cultural competence; awareness and sensitivity can improve quality of care and increase positive outcomes. Cultural variables to be considered will include age, gender, sexual orientation, religious affiliation, language, educational level, physical ability, economic status and social class as well as racial and ethnic backgrounds. This course is intended to provide participants with basic skills to recognize and respect the behavior, ideas, attitudes, values, beliefs, customs, language, rituals, ceremonies and practices characteristic of diverse groups of people. Course design will include definitions and descriptions of culture including concepts of assimilation and acculturation. Exercises will involve self-examination and discussion of the evolution of one's own personal beliefs, values and attitudes.

CSL 268 Addictions Counseling Skills

1.5 Credits

This class will provide a framework and counseling model for working with clients with substance abuse or dependence. This course will teach the counseling skills

needed to help clients process their information and move toward the change process. The models utilized in this class are client-centered, counselor-directed therapy using a motivational style and spirit.

CSL 269 Principles of Addiction

1.5 Credits

Focuses on the major theories of addiction in an historical and theoretical context. Includes an elaboration on NIDA's Principles of Drug Addiction Treatment. This class meets the principles of addictions training requirement for the Counselor I level of the Colorado Alcohol and Drug Abuse Program.

DPP – Diesel Power Mechanics

DPM 100 Intro to Diesel Mechanics

2 Credits

Focuses on the student identifying and describing the many different types of diesel powered vehicles. Emphasis is placed on being able to research information in maintenance manuals and parts manuals along with demonstration of their abilities in properly identifying and select mechanical fasteners for a particular application. Specific coverage of precision fasteners, fuels, fluids as they relate to the diesel industry.

DPM 101 Diesel Shop Orientation

2 Credits

Focuses on maintaining a safe and clean working heavy-duty diesel shop. Emphasis is placed on the proper use and care for hand, electric, air and hydraulic tools safely. Covers how to clean equipment properly, to handle and dispose of hazardous materials correctly, and to apply mandated regulations. Emphasis is also placed on proper lifting equipment.

DPM 103 Diesel Engines I

4 Credits

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.

DPM 105 Heavy Duty Powertrains I

3 Credits

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.

DPM 106 Diesel Fuel Systems

3 Credits

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.

DPM 111 Preventive Maintenance I

3 Credits

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.

DPM 121 Hydraulic Systems I

3 Credits

Offers instruction on the basic fundamentals of hydraulics and their applications. Diagnosis, service, and testing along with safety are stressed within this course.

DPM 170 Lab Experience I

3 Credits

Continues to build upon the principles that are expected to be understood by students.

DPM 203 Diesel Engines II

4 Credits

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.

DPM 205 Heavy Duty Powertrains II

3 Credits

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.

DPM 206 Heavy Duty Brakes I

3 Credits

Focuses on the various braking systems incorporated in heavy-duty trucks and heavy equipment. Includes a study of hydraulic brake systems and covers the diagnosis and service of the mechanical and electrical components.

DPM 211 Preventive Maintenance 2

3 Credits

Focuses on preventive maintenance on heavy-duty equipment as well as recording critical information for customer. Enables students to grasp the importance of preventive maintenance while gaining an understanding of how components work.

ECE – Early Childhood Education

ECE 101 Introduction to Early Childhood Education

3 Credits

Provides an introduction to Early Childhood Education. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition and Safety; Developmentally Appropriate Practices; Guidance; Family and Community Relationships; Diversity; Professionalism; Administration and Supervision. Focuses on age's birth through age eight.

ECE 102 Introduction to Early Childhood Education Lab Techniques

3 Credits

Focuses on a classroom seminar and placement in a child care setting. The supervised placement provides the student with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses ages birth through age 8. **Prerequisite: 101.**

ECE 103 Guidance Strategies for Young Children

3 Credits

Explores guidance theories, applications, goals, techniques and factors that influence expectations, classroom management issues, and prosocial skills. Addresses age's birth through age 8. **Prerequisite: 101.**

ECE 111 Infant and Toddler Theory and Practice

3 Credits

Presents an overview of theories, applications (including observations), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety and nutrition. Focuses on birth through age three.

ECE 112 Intro to Infant\ Toddler Lab Techniques

3 Credits

Includes a classroom seminar and placement in an infant and\or toddler setting. The supervised placement provides the student with the opportunity to observe, to practice appropriate interactions and to develop effective guidance and nurturing techniques with infants and\or toddlers. Addresses ages prenatal through age 2.

ECE 205 Nutrition, Health and Safety

3 Credits

Focuses on nutrition, health and safety as a key factor 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. Addresses ages from prenatal through age 8.

ECE 220 Curriculum Development: Methods and Techniques

3 Credits

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. Focuses on age's birth through age 8.

ECE 225 Language and Cognition for the Young Child

3 Credits

Examines theories of cognitive and language development as a framework for conceptualizing the way children acquire thinking skills. Includes observing, planning, facilitating, creative representation, and evaluating strategies within the context of play. Focuses on language, science, math, problem solving and logical thinking. Addresses ages birth through age 8.

ECE 236 Child Growth/Development Laboratory

1 Credit

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 Credits

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 as well as how adults can provide a supportive environment through teaming and collaboration.

ECE 240 Administration of Early Childhood Care and Education Programs

3 Credits

Examines Colorado's licensing requirements, as well as quality 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. Addresses age's birth through age 12.

ECE 241 Administration: Human Relations for Early Childhood Education

3 Credits

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.

ECE 260 The Exceptional Child

3 Credits

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 development, legal requirements, research based practices related to inclusion, teaming and collaboration, 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.

ECE 288 Practicum: Early Childhood Education

3 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

ECE 289 Capstone: Early Childhood Education

3 Credits

Incorporates a demonstrated culmination of learning within a given program of study.

ECO – Economics

ECO 201 Principles of Macroeconomics: GT-SS1

3 Credits

Focuses on the study of the American economy, stressing the interrelationships 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.

ECO 202 Principles of Microeconomics: GT-SS1

3 Credits

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.

EDU – Education

EDU 188 Practicum I

0-12 Credits

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.

EDU 221 Introduction to Education

3 Credits

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 the state of Colorado. Special interest will be paid to the topic of diversity in the K-12 school system.

EDU 240 Teaching the Exceptional Learner

3 Credits

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.

EDU 250 CTE in Colorado

3 Credits

Explores common elements of Career and Technical Education 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, the Colorado Technical Act, national and state regulatory agencies; the CCCS program approval process, enrollment management and advising strategies, relevant local and national issues, and quality assurance principles.

EDU 260 Adult Learning and Teaching

3 Credits

Examines the philosophy of community colleges and/or secondary schools and the roles and responsibilities of the faculty member within the college/school 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.

EGG – Engineering

EGG 100 Introduction to Engineering

1 Credit

Introduces the math and science required in a variety of engineering disciplines. The particular engineering disciplines examined are: Civil Engineering, Mechanical Engineering, Electrical Engineering, Industrial Engineering,

and Computer Science. For each discipline the course will examine certification requirements, program of study, types of work and tasks in each discipline and compensation ranges. Tours and speakers will be arranged.

EIC – Electricity Industrial/Commercial

EIC 103 Safety & Industry Certifications

4 Credits

Learn a comprehensive review of electrical industry safety standards. When applicable, the student will earn a permit and/or certification in the following areas: CDL Licensing, First Aid/CPR/AED, Flagging, OSH 1910.269, National Electric Safety Code Rescue Procedures, Excavation Safety and use of Personal Protective Equipment.

EIC 105 Basics Of AC & DC Electricity

4 Credits

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.

EIC 106 Power Theory & High Volt Appar

3 Credits

Focuses on Ohm's Law, measurements, fundamentals of AC and DC circuits, with an emphasis on transformers and transformer connections, identify key elements in high voltage electrical systems from the generation station to the end consumer.

EIC 121 Electrical Distribution Theory

5 Credits

Learns general safety and knowledge of line tech theory practice. Topics will include pole setting techniques, framing methods and specifications, climbing, sagging and splicing of conductors, energizing and de-energizing of lines, installation of protective grounds, power circuits, grounds, and personal communication skills.

EIC 122 Electrical Distribution Theory II

6 Credits

Learns topics pertaining to electrical distribution: installing and operation of protective equipment, transformer hookups, voltage regulators/regulation, hotstick maintenance, troubleshooting, and gloving from platforms and the pole.

EIC 123 Electrical Distribution Lab

5 Credits

Studies thoroughly the National Electric Safety Code, learns proper equipment operation and maintenance, maintaining material records, knot tying, installing protective grounds, pole climbing, replacing insulators, replacing cross arms, conductor ties, and constructing overhead lines safely and properly.

EIC 125 Electrical Principles and Applied Calculations

3 Credits

Provide the fundamental principles that are involved with all electrical calculations and operations as well as practical applications of various concepts.

EIC 136 Advanced Electrical Distribution

6 Credits

Focuses on meter reading, transmission line construction and maintenance, substation, reclosures, meter hookups.

EIC 140 Underground Power Systems

7 Credits

Learn safety practices and related safety manual regulations, terminology, tool usage, fault finding, cable locating, equipment operation, switching procedures, installation of terminal devices, cable pulling, splicing, material identification, transformer and apparatus applications.

EIC 141 Overhead Power Systems

9 Credits

Learn safety practices, terminology, material identification, construction standards as per specification books, equipment identification and use, pole climbing, and overhead construction.

EIC 142 Hotline Procedures

3 Credits

Focuses on intensive training conducted by field specialists in hotline maintenance and underground installation.

EIC 180 Internship

3 Credits

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.

EMP – Emergency Management & Planning

EMP 105 Emergency Planning

3 Credits

Introduces a specialized type of community planning that identifies local government strategies, resources and responsibilities for protecting citizens from the effects of disasters and other major emergency events. Focuses on the Emergency Operations Plan (EOP) and a jurisdiction's game plan for dealing with potential catastrophes resulting from natural hazards and/or human-caused hazards. Examines EOPs in detail including their history and evolution, process, recommended content, style and format, involved

stakeholders, and implementation methods. Covers the context of emergency planning as it relates to long-range community planning. Addresses methods for conducting a comprehensive community hazard analysis and highlights lessons learned in recovering from a disaster.

EMP 241 Decision Making and Problem Solving

3 Credits

Enables the student to clearly identify a problem and its causes in order to determine the appropriate type of decision making style. Focuses on a suggested process of problem solving providing students with the ability to apply creative solutions to both emergency and non-emergency situations.

EMS – Emergency Medical Service

EMS 115 Emergency Medical Responder

3 Credits

Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives.

EMS 116 First Responder Refresher

2 Credits

Provides the First Responder student with needed updates and review materials to renew and maintain the First Responder certificate. **Prerequisite: CURRENT FIRST RESPONDER CERTIFICATION, AND CPR CARD**

EMS 121 EMT Fundamentals

3 Credits

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.

EMS 122 EMT Medical Emergencies

4 Credits

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.

EMS 123 EMT Trauma Emergencies

2 Credits

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.

EMS 124 EMT Special Considerations

2 Credits

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.

EMS 126 EMT Basic Refresher

2 Credits

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.

EMS 130 EMT Intravenous Therapy

2 Credits

Focuses on cognitive and skill practice as required by Colorado Prehospital Care program for EMT Basic level IV approval. Examines criteria, procedures and techniques for IV therapy, discusses fluid and electrolyte balance, medication administration, and principles and treatment for shock. **Prerequisite: CURRENT EMS BASIC CERTIFICATION, OR PROPER LICENSURE**

EMS 136 EMT/Paramedic Safety Issues in the Field

1 Credit

Provides EMTs and paramedics with the skills needed to quickly assess the scene for potential hazards to themselves. Introduces topics on scene safety, evaluation of potential problem patients, verbal communication control techniques, physical control techniques for the problem patient, and scene control techniques. **Prerequisite: EMT, PARAMEDIC, AND EMS PROFESSIONAL WHO WORKS IN THE FIELD AND EMERGENCY DEPARTMENT PERSONNEL.**

EMS 150 Pediatric Education for Prehospital Professionals

1 Credit

Provides the student with core knowledge and skills necessary to provide emergency care to the pediatric patient. **Prerequisite: EMT BASIC OR APPROVAL FROM PROGRAM COORDINATOR**

EMS 170 EMT Basic Clinical

1 Credit

Provides the EMT student with the clinical experience required of initial and some renewal processes.

EMS 175 Special Topics

0-12 Credits

Provides the student with a vehicle to pursue in depth exploration of special topics of interest

EMS 178 EMS Seminar

0-12 Credits

Provides the student with the opportunity to explore local interests and needs in a less formal setting.

EMS 203 EMT Intermediate I

6 Credits

Course provides preparatory information and is the first part of the EMT Intermediate program. **Prerequisite:** EMS 121, EMS 122, EMS 123 AND EMS 124

EMS 205 EMT Intermediate II

6 Credits

Serves as the second course for EMT Intermediate certification.

Prerequisite: EMS 121, EMS 122, EMS 123 AND EMS 124

EMS 206 EMT Intermediate Refresher

3 Credits

Meets or exceeds minimum requirements for renewing EMT Intermediate or EMT Intermediates in the re-entry program.

Prerequisite: EMS 121, EMS 122, EMS 123 AND EMS 124.

EMS 220 Paramedic Refresher

3 Credits

Updates the EMT-P in four specific areas of prehospital 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 Credits

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.

EMS 226 Fundamentals of Paramedic Practice Lab

2 Credits

Serves as the lab experience to coincide with EMS 225 topics.

EMS 227 Paramedic Special Considerations

3 Credits

Focuses on a comprehensive study of Advanced Life Support Practice.

EMS 228 Paramedic Special Considerations Lab

2 Credits

Serves as the lab experience for those students enrolled in EMS 227.

EMS 229 Paramedic Pharmacology

3 Credits

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.

EMS 230 Paramedic Pharmacology Lab

2 Credits

Serves as the required lab course in the paramedic education program.

EMS 231 Paramedic Cardiology

5 Credits

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.

EMS 232 Paramedic Cardiology Lab

1 Credit

Incorporates a hands-on application of principles of cardiac care in the hospital environment.

EMS 234 Medical Emergencies Lab

1 Credit

Focuses on a clinical study of adult and pediatric medical emergencies.

EMS 235 Paramedic Trauma Emergencies

4 Credits

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.

EMS 236 Paramedic Trauma Emergencies Lab

1 Credit

Serves as a lab presenting various acute trauma scenarios.

EMS 237 Paramedic Internship Preparatory

2 Credits

Reviews concepts and techniques used in the prehospital setting.

EMS 270 Clinical: EMS Intermediate

3 Credits

Provides the EMT-I student with the required field experiences as required by the Colorado Department of Health. **Prerequisite:** EMS 121, EMS 122, EMS 123 AND EMS 124

EMS 275 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

EMS 280 Paramedic Internship I

0-12 Credits

Serves as the preceptor/internship program for paramedic students.

EMS 281 Paramedic Internship II

0-12 Credits

Serves as the continuation of EMS 280, preceptor program for paramedic students.

EMS 282 EMT Intermediate Internship

0-12 Credits

Provides the EMT- Intermediate with a supervised clinical learning experience that meets or exceeds the requirements for the State of Colorado Department of Public Health and Environment. Enables the student to work with a preceptor for clinical and internship experience to develop an understanding of advanced life support patient care and assessment.

EMS 285 Independent Study

0-12 Credits

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

ENG – English

ENG 115 Technical English and Communication

3 Credits

Focuses on the written and oral communication needs of students in vocational and technical fields. Enables the student to practice written, oral, reading, reasoning, and interpersonal communication skills in order to become successful (or to remain successful) in the workplace.

ENG 121 English Composition I: GT-CO1

3 Credits

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. **Prerequisite: MUST HAVE APPROPRIATE PLACEMENT SCORE.**

ENG 122 English Composition II: GT-CO2

3 Credits

Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. **Prerequisite: ENG 121.**

ENG 131 Technical Writing I

3 Credits

Develops skills one can apply to a variety of technical documents. Focuses on principles for organizing, writing, and revising clear, readable documents for industry, business, and government.

ENG 221 Creative Writing I

3 Credits

Teaches techniques for creative writing. Explores imaginative uses of language through creative genres (fiction, poetry, literary nonfiction) with emphasis on the student's own unique style, subject matter and needs. **Prerequisite: ENG 121 OR PERMISSION OF THE INSTRUCTOR.**

ENG 226 Fiction Writing

3 Credits

Teaches techniques for creating fiction, including the study and appreciation of the language and forms of the short story.

ENG 231 Literary Magazine

3 Credits

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.

ENT – Engineering Technology

ENT 275 Sp. Topics: Grade & Staking Surveys

3 Credits

Allows flexible utilization and covers specific topics and current issues in the Engineering Technology field. Includes “as-needed” for credit appropriate to

the topic(s) selected. Each individual offering of this course includes a complete description of the topic(s) selected in a course syllabus unique to that particular offering.

ENV – Environmental Science

ENV 101 Environmental Science with Lab: GT-SC1

4 Credits

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.

EST – Esthetician

EST 110 Introduction to Facials and Skin Care

3 Credits

Provides a basic understanding of massage manipulations when providing facials and the study of skin in both theory and practical applications. Benefits derived from proper facial and good skin care routines. Training is conducted in a classroom or lab setting using mannequins or models.

EST 111 Intermediate Facials & Skin Care

2 Credits

Covers theory and practical application pertaining to anatomy, skin disorders, skin types and facial shapes. Students help patrons to select the proper skin care treatment. Practical and theory application can be done in specialized classes or supervised salon (clinical) setting using models or customer service.

EST 210 Advanced Massage & Skin Care

2 Credits

Provides the student with advanced techniques in massage, skin care, and lash/brow tinting. Theory and practical procedures ready the student for employment. Instruction is provided in specialized classes or in a supervised salon (clinical) setting. Student preparation for State Board Licensing Examination.

EST 211 Facial Make-up

1 Credit

Provides instruction on cosmetics and their functions. The importance of color theory, facial types and skin tones as they relate to facial makeup. Instruction from the basic makeup application to the corrective makeup procedure is

taught. Disinfection and sanitation is taught as it pertains to all aspects of makeup.

EST 212 Hair Removal

3 Credits

Provides in-depth study and practice of hair removal and the practice of patron protection and safety. Training for general waxing and body waxing procedures are provided. Demonstration of disinfection and sanitation as it pertains to Colorado rules and regulations will be practiced.

EST 230 Esthetician Preparation for State Board

2 Credits

Provides preparation for State Boards. Allows the student the opportunity to gain knowledge in the practical and/or written examination required by the Colorado Board of Barber/Cosmetology.

FRE – French

FRE 111 French Language I

5 Credits

Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.

FRE 112 French Language II

5 Credits

Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.

FRE 211 French Language III: GT-AH4

3 Credits

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.

FRE 212 French Language IV: GT-AH4

3 Credits

Continues French 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.

FST – Fire Science Technology

FST 100 Firefighter I

9 Credits

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.

FST 101 Firefighter II

6 Credits

Addresses the requirements necessary to perform at the second 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 II, standard.

GEO – Geography

GEO 105 World Regional Geography: GT-SS2

3 Credits

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.

GEO 106 Human Geography: GT-SS2

3 Credits

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.

GEO 111 Physical Geography: Landforms with Lab: GT-SC1

4 Credits

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.

GEO 112 Physical Geography - Weather and Climate with Lab: GT-SC1

4 Credits

Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification. The course includes investigating the geographic factors which influence climate such as topography, location, elevation, winds, and latitude.

GEO 165 Human Ecology

3 Credits

Provides a current outlook for the global environment, describing the threats imposed on different natural ecological systems. Students develop ways of thinking about the environment to evaluate environmental problems.

GEY – Geology

GEY 111 Physical Geology with Lab: GT-SC1

4 Credits

Studies the materials of the earth, its structure, surface features and the geologic processes involved in its development. This course includes laboratory experience.

GEY 112 Historical Geology w/Lab: GT: SC1

4 Credits

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.

GEY 135 Environmental Geology with Lab: GT-SC1

4 Credits

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.

GUN – Gunsmithing - NRA

GUN 104 Blueing and Metal Finishes

2 Credits

Serves as a one-week course that includes instruction and hands-on training in metal preparation, hot blueing, nitre blueing, parkerizing, Teflon coating, and coating with Gun Kote. Students supply their own guns or parts to refinish.

GUN 116 Basic Precision Welding

2 Credits

Serves as a forty-hour block of hands-on instruction in four welding processes: Oxy / Acetylene; Shielded Arc Welding; Gas Metal Arc Welding (MIG); and Gas Tungsten Arc Welding (TIG). Emphasizes fabrication and repair of small metal fixtures and parts relating to the gunsmithing industry.

GUN 120 Basic Machine Shop

2 Credits

Incorporates instruction and hands-on experience in machine tool operation. Focuses on experience with the drill press, metalworking lathe, and milling machine in the manufacture of parts and tools. Enrollment is limited to 14 students.

GUN 121 Advanced Machine Shop

2 Credits

Provides further instruction and practice on machine tool operations. Focuses on rifle rebarreling techniques and advanced machine shop operations. Projects vary according to individual interests, but could include tool making or octagon barrels. Enrollment is limited to 14 students.

GUS – Gunsmithing**GUS 100 Orientation and Firearms Safety**

.5 Credit

Incorporates two parts in this course - 1) orientation to the gunsmithing program and 2) introduction to the basic principles of firearm safety. Completing students receive an NRA home firearm safety certificate of completion.

GUS 102 Introduction to Firearms

2 Credits

Explores the history of firearms and ammunition, firearms design and the function of modern firearms.

GUS 110 Firearms Bench Metal

5 Credits

Emphasizes shop safety and hand work, including: the proper use of measuring and hand tools, layout, drilling, sawing, filing, soldering, silver soldering, forging, heat treatment, and hand polishing.

GUS 112 Firearms Machine Shop I

5 Credits

Introduces theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools.

GUS 119 Stockmaking I

5 Credits

Introduces stockmaking techniques for a bolt action rifle from semi-inletted blanks. The course will cover inletting

the barrel and trigger guard, glass bedding, installing grip cap, recoil pad, fore-end tip, swivels, shaping, sanding and finishing.

GUS 135 Firearms Conversions

5 Credits

Examines various techniques for conversion of military rifle actions into customized sporter rifle actions. Bolt handles, safeties, iron sights, scope mounts, adjustable triggers, and trigger guard contouring and other custom conversions and accessories will be included.

GUS 136 Firearms Metal Finishing

2 Credits

Focuses on the skills necessary to perform firearms bluing and parkerizing techniques. Topics include necessary equipment, chemical mixing procedures, and safety as they apply to hot caustic bluing, rust bluing, parkerizing and metal preparation.

GUS 139 Stock Duplication

2 Credits

Introduces gunstock woods, stock layout, and basic stock duplicating machine operations. Students will sharpen chisels, design and cut a semi-inletted gunstock.

GUS 147 Firearms Repair I

5 Credits

Explores firearms repair theory and practice. Topics include necessary tools, design, function, takedown, troubleshooting, assembly and repair of selected handguns, shotguns, and rifles.

GUS 175 Special Topics: Basic Workplace Skills

1 Credit

Contact instructor for course description.

GUS 205 Firearms Machine Shop III

4 Credits

Continues the study of machine tool operation with special emphasis on gunsmithing procedures. Course work includes safety, milling, lathe, and advanced barrel fitting and chambering.

GUS 245 Stockmaking II

5 Credits

Explores advanced stockmaking techniques for one and two piece gunstocks of both wood and synthetic materials. Techniques in glass bedding, gun fitting, installation of custom hardware and finishing techniques will also be studied.

GUS 247 Firearms Repair II

7 Credits

Provides an advanced gunsmithing course in firearms repair theory and practice. Topics include design, function, takedown, troubleshooting, assembly and repair of selected

shotguns, rifles, and handguns. Also included is the use of specialized tools and fixtures.

GUS 257 Gunsmithing Business Practices I

3 Credits

This course is designed specifically for the individual who is opening a firearms (repair and/or retail) business. The student will select an ownership method, create a business plan, develop inventory controls, ensure compliance with regulatory agencies specific to firearms, apply basic accounting principles, develop pricing strategies, and be able to apply human resource management skills to ensure business success.

GUS 265 Comprehensive Skills Evals

.5 Credit

Learn competencies through a comprehensive evaluation after students have completed the Gunsmithing Program curriculum.

GUS 288 Shop Management Practicum I, Practicum II, Practicum III 6-7 Credits Each

Please contact Keith Gipson Associate Dean for CTE at 719-846-5577 for more information.

GUS 289 Firearms Capstone Project I, Project II, Project III

1 Credit Each

Please contact Keith Gipson Associate Dean for CTE at 719-846-5577 for more information.

HEQ – Heavy Equipment

HEQ 150 Basic Principles of Engine Operation and Drive Train 2 Credit

Covers the theory of operation and the maintenance of engines, drive trains and related power equipment used in heavy equipment operations.

HEQ 220 Motor Grader I

2 Credit

Covers the safe operation of a motor grader and perform a variety of operations using the grader.

HEQ 221 Motor Grader II

2 Credit

Focuses on the safe operation of a motor grader and aggregate road maintenance and building.

HEQ 225 Backhoe I

2 Credit

Designed for operators with little or no experience in operating a backhoe. Covers performing pre-trip inspection, greasing and lubing equipment, nomenclature, and identifying and understanding all controls. Includes use

of front-end loader to load dirt, using backhoe attachment to dig trenches of specific depth and length, replacing a cutting edge, and OSHA and industry standards of open excavations.

HEQ 226 Backhoe II

2 Credit

Covers coordinating locates, preparing sub-base, digging on uneven surfaces, backfilling trenches, loading trucks with backhoe, digging trenches to grade, use of a transit and hand held level, crossing trenches, setting up on open excavations, benching techniques, and OSHA and industry safety standards.

HEQ 230 Hydraulic Excavator

2 Credit

Covers the safe operation of the hydraulic excavator. Allows the student to perform a variety of operations with the excavator.

HEQ 240 Basic Bulldozer I

2 Credit

Teaches performing walk-around inspections, using proper terms and definitions associated with the bulldozer, and using proper safety procedures. Includes performing rough ditching and spreading, performing ripping operations, cutting and building a gentle slope bench, using the bulldozer on unstable soil, and replacing cutting edges on blades and teeth on rippers.

HEQ 241 Bulldozer II

2 Credit

Teaches how to perform excavation in confined space, construct an elevated roadway, perform finish work, move large obstacles, perform bulldozing operations on a slope. Includes identifying and repairing drainage problems, stockpiling materials, use of a transit or hand level to create a 3:1 slope, and OSHA, MSHA and industry safety standards.

HEQ 246 Front End Loader II

2 Credit

Enables the student to learn the safe operation of a front-end loader and perform a variety of tasks. Build on skills such as excavating, stockpiling, and backfilling with different types of attachments.

HEQ 275 Special Topics

6 Credit

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

HHP – Holistic Health Professional

HHP 107 Managing Life's Stresses

1 Credit

Work with energy, confidence and enthusiasm in your life by learning specific skills that will give you control over stressful situations or people in your life. This experiential class is designed for all who are interested in a higher quality of life and want to reach their full potential. Learn how to relax quickly, improve self-image, improve concentration, and how to control your worry. You can experience freedom from old patterns that create stress, fatigue and restricting beliefs.

HHP 108 Aromatherapy

1 Credit

While much ancient wisdom on the use of essential oils in health maintenance and the healing of disease has been lost, some tantalizing data from the ancient Egyptians exists and has been verified by modern scientific research. Explores the pharmacokinetics and neurophysiology of essential oils, looking into their origins, extraction, storage, and usage. Enables the student to observe a large number of essential oil remedies and their applications.

HHP 111 Herbology I

1 Credit

Explores the pharmacokinetics and composition of herbs and their effect on the body systems. Focuses on the habitat, harvesting, storage and usage of a select group of herbs. The use of herbs in health maintenance and the healing of disease predates written history. Herbs have been found by archeologists in Paleolithic burials and throughout literature on the ancient Chinese and Egyptians verified by modern scientific research.

HHP 145 Digestive Wellness

1 Credit

Provides the student with information on nutritional and herbal self-care treatments.

HHP 161 Meditation for Health

1 Credit

Incorporates the practice of fundamental techniques for training your mind to be quiet and peaceful; to focus your thoughts on what you choose; to stimulate the Mind-Body conversation to enhance your own health.

HHP 164 Introduction to Hand Reflexology

1 Credit

Teaches hand anatomy, basic stroke techniques and hand reflex points. Reflexology is a gentle art that holistically facilitates opening the channels for healing energy to circulate to all parts of the body. The benefits of reflexology include stress reduction and deep relaxation, improved

circulation, cleansing of body toxins and impurities, energy revitalization and preventative health care.

HHP 166 Introduction To Reflexology

1 Credit

Teaches the student foot anatomy, basic hand stroke and foot reflex points.

HHP 200 Bach's Essences: Health Through Mental Harmony

2 Credits

Introduces students to the concepts of energy work and complementary healing modalities that impact health and wellness. This class will aid students in identification of the impact of stressors on health, and through identification of stressors, aid them in restoring balance and harmony to their lives, by application of appropriate essences.

HHP 208 Advanced Musculoskeletal Anatomy

2 Credits

Presents an intensive study of the musculoskeletal system. Focus will be on understanding the bony structures and the relationship of the muscular system to the skeletal system from a dynamic perspective. Classes include lecture and work with the Maniken system building muscles with clay on a scaled down and anatomically accurate skeleton. Clinical connections will be made to take the study of anatomy out of the purely technical arena, and into the practical. The other nine systems of the body will be touched on briefly, because to clinically understand the practical applications of anatomy, you have to be aware of the interconnectedness of all the systems of the body.

HHP 211 Herbology II

2 Credits

Continues Herbology I (HHP 111) and explores the advanced usage of herbs in prevention and treatment of disease. The exploration of pharmacokinetics, composition of herbs, and affects on the body will also be explored.

HHP 224 Introduction to Massage Therapy

1 Credit

Teaches hands-on techniques to complete a full body massage along with integration of healing touch. Swedish massage techniques and basic foot reflexology combined with a complete energy balance are performed and experienced by each student.

HHP 225 Expanded Concepts of Massage

1 Credit

Builds on techniques learned during Introduction to Massage. Includes application of massage techniques with special populations. Examines related basic therapeutic approaches such as hydrotherapy and acupressure. Considerations for developing professional practice are also addressed.

HHP 254 Holistic Health Level II

2 Credits

Provides a more comprehensive study of modalities used to strengthen the whole person in the process of facilitating healing and maintaining optimal health, using the basic theory of Holistic Health I. The application of holistic health concepts and body-mind responses are used as guides for each modality studied. Discussion of the holistic therapeutic relationship is included.

HHP 260 Advanced Reflexology

1 Credit

Incorporates a hands-on approach with an emphasis on developing techniques. Continues the basic reflexology class and allows the student to work on hand positions and address specific techniques for specific issues.

HHP 275 Special Topics

1 Credit

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

HHP 288 Practicum

3 Credits

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.

HIS – History

HIS 101 Western Civilization: Antiquity-1650: GT-HI1

3 Credits

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 this discipline.

HIS 102 Western Civilization: 1650-Present: GT-HI1

3 Credits

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.

HIS 111 The World: Antiquity-1500: GT-HI1

3 Credits

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.

HIS 112 The World: 1500-Present: GT-HI1

3 Credits

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.

HIS 121 U.S. History to Reconstruction: GT-HI1

3 Credits

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. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline.

HIS 122 United States History Since the Civil War: GT-HI1

3 Credits

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.

HIS 244 History of Latin America: GT-HI1

3 Credits

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.

HPE – Human Performance and Exercise

HPE 100 Introduction to Physical Education and Sport 2 Credits

Focuses on the field of physical education and sports. Includes trends, precedents and their effects in the health and total wellness of those involved.

HPE 101 Introduction to Coaching 2 Credits

Acquaints the learner with the knowledge, requirements and responsibilities of coaching, including sport philosophy, sport medicine, and sport management. Fulfills requirements for ACEP Leader Level I.

HPE 200 Perspectives in PE & Sport 3 Credits

This course discusses the breadth, scope, and nature of the profession. It is an orientation to the history and philosophy of human performance and the factors that influence its evolution. Special consideration is given to the history of sport from antiquity to the present, particularly the Olympic Games.

HPE 201 Sports Law 2 Credits

Explains a coach's legal responsibilities in easy to understand terms and gives practical advice for recognizing and improving standards of care and safety for athletes. Ideas and examples of report forms for specific areas are shared.

HPE 231 Care and Prevention of Athletic Injuries 3 Credits

Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.

HPR – Health Professional

HPR 102 CPR for Professionals .5 Credit

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 103 CPR for Professionals Renewal .25 Credit

Provides opportunity for currently certified CPR providers to renew certificates.

HPR 106 Law & Ethics for Health Professions 2 Credits

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 108 Dietary Nutrition 1 Credit

Studies the basic nutritional principles in clinical practice in health care. The course will cover factors which influence the nutritional status of individuals, methods of nutritional assessment and support, and diet modification for specific disease states.

HPR 117 Anatomical Kinesiology 3 Credits

Studies the Anatomical Basis of Human Movement.

HPR 120 ACLS 1 Credit

Presents the required material for ACLS completion. It will cover arrhythmias, medications, therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.

HPR 121 ACLS Recertification .5 Credit

Presents the required material for ACLS recertification. It will cover rhythm recognition, cardiac drugs, cardiac monitors, and case based scenarios.

HPR 137 Human Diseases 4 Credits

Covers basic knowledge of the deviations that occur in the human body with disease and injury. An integrated study of signs/symptoms, diagnostic tests and treatment.

HPR 178 Medical Terminology 1-4 Credits

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 the healthcare setting.

HPR 190 Basic EKG Interpretation 2 Credits

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.

HUM – Humanities

HUM 115 World Mythology: GT-AH2

3 Credits

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.

HUM 121 Humanities: Early Civilization: GT-AH2

3 Credits

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.

HUM 122 Humanities: Medieval-- Modern: GT-AH2

3 Credits

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. Any two of the three Survey of Humanities courses equal a sequence

HUM 123 Humanities: Modern World: GT-AH2

3 Credits

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.

HWE – Health & Wellness

HWE 100 Human Nutrition

3 Credits

Introduces basic principles of nutrition with emphasis on personal nutrition. Satisfies nutrition requirement of students entering health care professions.

HWE 101 Cardio-Pulmonary Resuscitation (CPR)

1 Credit

Teaches emergency procedures for respiratory, obstructed airway and cardiac arrest victims of all ages. It meets certification requirements of the American Red Cross and the American Heart Association.

HWE 102 CPR Recertification

.25 Credit

Reviews CPR for those whose CPR card is due but not expired. Student must provide a copy of current CPR certification. Recertification can be done for Professional Rescuer, Community, Adult, Child and Infant CPR.

HWE 103 Community First Aid and CPR

1 Credit

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.

HWE 104 CPR Instructor Course

1 Credit

Provides information for the potential CPR instructor. Course requirements, renewal information and current content are discussed. Practice teaching is included in course. **Prerequisite: CURRENT HCPCPR CARD.**

HWE 109 Weight Management & Exercise

2 Credits

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 120 Wilderness First Aid

1 Credit

Provides limited medical information to cope with basic wilderness emergencies. **Prerequisite: CURRENT CPR CARD.**

HWE 124 Fitness and Wellness

2 Credits

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.

LEA – Law Enforcement Academy

LEA 101 Basic Police Academy I

6 Credits

Conforms to POST standards and Colorado 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 both a lecture and laboratory mode of learning.

LEA 102 Basic Police Academy II

12 Credits

Conforms to POST standards and state certification requirements as well as the basic skills and knowledge 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.

LEA 105 Basic Law

8 Credits

Conforms to the Colorado POST 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 United States Constitution, arrest, search and seizure, interrogation and confessions, rules of evidence, Colorado Criminal Code, Colorado Traffic Code, Colorado Children's Code, Liquor Code and controlled substances.

LEA 106 Arrest Control Techniques

8 Credits

Exploration of the skills, knowledge and abilities necessary to effectively maintain control of a suspect when making an arrest. Explains the continuum of force and de-escalation of force.

LEA 107 Law Enforcement Driving

3 Credits

Exploration of the skills, knowledge and abilities required for operation of a law enforcement vehicle. Emphasizes defensive driving. Enables students to demonstrate skills by driving a vehicle under simulated conditions.

LEA 108 Firearms

3 Credits

Discusses the skills, knowledge and abilities necessary to safely use police firearms. Students will demonstrate skills by firing weapons on a firing range. The student will demonstrate basic safety techniques and will be able to explain the firearms role within the continuum of force.

LIT – Literature

LIT 115 Introduction to Literature I: GT-AH2

3 Credits

Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading.

LIT 201 World Literature to 1600: GT-AH2

3 Credits

Examines significant writings in world literature from the ancients through the Renaissance. Emphasizes careful

readings and understanding of the works and their cultural backgrounds.

LIT 202 World Literature After 1600: GT-AH2

3 Credits

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.

LIT 211 American Literature to Civil War: GT-AH2

3 Credits

Provides 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.

LIT 212 American Literature After the Civil War I: GT-AH2

3 Credits

Provides an overview of American literature from the mid-nineteenth century to the present. It explores ideas, historical and social contexts, themes and literary characteristics of works in various genres by major writers.

LIT 241 Studies in American Drama

3 Credits

Introduces students to 20th century American dramatic literature. Students read representative American plays and view filmed versions of them. The course focuses on analysis and examines themes, historical and social contexts, and traditions in American literature and American theater.

LIT 255 Children's Literature

3 Credits

Evaluates the criteria for selecting appropriate literature for children through exploration of genres, age levels, values taught through literature, and the literary and artistic quality of various texts.

LIT 278 Seminar

0–12 Credits

Explores particular authors, topics, themes in depth.

MAC – Machining

MAC 101 Introduction to Machine Shop

3 Credits

Covers safety procedures, use of bench tools, layout tools, power saws, drill presses, precision measurement tools, and various hand tools related to the machine shop. Also included are sharpening drill bits and general purpose turning tools for the lathe and determining speeds and feeds for both the lathe and the milling machine.

MAC 102 Blueprint Reading

3 Credits

Students read blueprints and interpret symbols, notes dimensions and tolerances.

MAC 110 Introduction to Engine Lathe

3 Credits

Introduces basic lathe applications which will consist of identifying lathe components and controls, understanding turning safety, calculating speeds and feeds, using various tools and tool holders, identifying basic tool geometry, and the use of common lathe spindle tooling. Students will perform basic lathe operations, which will consist of facing, center-drilling, chuck turning, turning between centers, boring, grooving, tapers, knurling, and single point threading. Students will be required to produce specified parts to a tolerance of +/- .004 in. and perform competencies set by manufacturing standards.

MAC 111 Intermediate Engine Lathe

3 Credits

Teaches students to prepare single point external and internal unified screw threads to a Class 3 fit, generate angles with the compound rest within one degree, ream holes concentric within .001 inches, determine cutting speeds, and perform facing and turning operations. **Prerequisite: MAC 101, MAC 102, MAX 110**

MAC 112 Advanced Engine Lathe

3 Credits

Prepares students to form radius, single-point isometric threads, turn spherical radius, use a radius gauge, and work within .0005 inches tolerance externally. **Prerequisite: MAC 111**

MAC 113 Engine Lathe Setups and Operations IV

3 Credits

Teaches students to hold .0005 tolerance internally, use an arbor and a sine bar, and taper within one minute angular tolerance. **Prerequisite: MAC 120**

MAC 120 Introduction to Milling Machine

3 Credits

Teaches students to identify the major parts of the vertical mill, align a vise, use an indicator, edge finder, and boring head, determine speeds and feeds perform simple indexing, mill flat, square surfaces and slots, drill, bore, and tap holes, and work within a plus or minus .002 inch tolerance.

MAC 121 Intermediate Milling Machine

3 Credits

Prepares students to determine hole locations by coordinates and degrees, use a rotary table, use a jig bore to drill holes by the coordinate method, and work within plus or minus .001 inch tolerance.

MAC 201 Introduction to CNC Turning Operations

3 Credits

Covers computer numerical control (CNC) lathe operations, control functions, the letter address system, the program format, and machine setup. G & M codes, control functions, the letter address system, and math issues related to CNC are included. This class is NOT offered on an open-entry, open-exit basis.

MAC 205 Introduction To CNC Milling Operations

3 Credits

Provides transitional information between conventional machining applications and the typical applications found in Computer Numerical Control Machining. Topics may consist of Numerical Control Systems, The Cartesian Coordinate System, High Efficiency Tooling Applications, Objectives of Numerical Control, Calculating Speed and Feed Rates, Defining and Calculating Tool Motion, Fixturing Requirements, Basic Program Structure, Programming Codes, and Basic Conversational Programming. Operations of NC machines will be required.

MAC 206 CNC Milling Operations II

3 Credits

Exposes the student to the principle operations of both vertical and horizontal CNC milling machines via lecture instruction methods, multi-media instruction methods, and manufacturing hands-on methods. The student will be exposed to the basic CNC machining center, principle operations, manual controls, programming methods, tool-offsets, G54-G59 work offsets, cutter radius compensation and tool selection methods. General operator skills and basic setup skills will be stressed.

MAC 121 Intermediate Milling Machine

3 Credits

Prepares students to determine hole locations by coordinates and degrees, use a rotary table, use a jig bore to drill holes by the coordinate method, and work within plus or minus .001 inch tolerance.

MAC 240 CAD/CAM 2D

3 Credits

Provides the student with the essential concepts and techniques that are required to successfully create part geometry, generate tool path, verify tool path models, and post process the NC codes. The student will be exposed to a 2-axis machining, 3-axis machining wire frame and surface modeling, lathe programming, and DNC systems. Programming projects and models will be demonstrated in the CNC manufacturing lab.

MAN – Management

MAN 102 Business Ethics and Values

1 Credit

Discusses behavior and identifies what is ethical and appropriate behavior and what is not. This course will identify the roll of integrity, character, honesty, self-control, self-sacrifice, and core values in developing ethical and effective behavior in the workplace.

MAN 117 Time Management

1 Credit

Provides students with the conceptual knowledge and tools to make better use of their time in the management function.

MAN 125 Team Building

1 Credit

Introduces the concept of working as a team member. Activities and assignments will emphasize the ability to negotiate, work together, build consensus, and make quality decisions.

MAN 175 Special Topics

0-12 Credits

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

MAN 200 Human Resource Management I

3 Credits

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.

MAN 224 Leadership

3 Credits

Focuses on the leadership skills necessary to bring about change in an organization. Students learn to develop and communicate a shared vision, to empower employees, to manage conflict, to negotiate, and to develop organizations so that all are working toward common goals.

MAN 226 Principles of Management

3 Credits

Presents a survey of the principles of management. Emphasis is on the primary functions of planning, organizing, leading and controlling with a balance between the behavioral and operational approach.

MAR – Marketing

MAR 160 Customer Service

3 Credits

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 Credits

Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.

MAT – Math

MAT 025 Algebraic Literacy Lab

1 Credit

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. **Prerequisite: 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 Credits

Develops number sense and critical thinking strategies, introduce algebraic thinking, and connect 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 for Liberal Arts, Statistics, Integrated Math, and college level career math courses.

MAT 055 Algebraic Literacy

4 Credits

Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course prepares students for College Algebra and Finite Math.

MAT 091 Applied Quantitative Lab

1 Credit

Supports skill development for students registered in MAT 103, MAT 107, MAT 108, MAT 109, or MAT 112. Topics covered in the course include those defined in MAT 103/107/108/109/112 and/or any pre-requisite skills needed by the student. Students with Accuplacer scores EA 30-59 or AR 40+, who are advised into MAT 103/107/108/109/112, are required to co-enroll in this course.

MAT 093 Algebra Lab

1 Credit

Supports skill development for students registered in MAT 121 or MAT 123. Topics covered in this course include those defined in MAT 121/123 and/or any pre-requisite skills needed by the student. Students with Accuplacer scores EA 80-84, who are advised into MAT 121/123, are required to co-enroll in this course.

MAT 107 Career Math

3 Credits

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 at an introductory level and the emphasis is on applications. **Prerequisite: SUCCESSFUL COMPLETION OF MAT 050 (GRADE OF "C" OR BETTER) OR MATH ASSESSMENT**

MAT 112 Financial Mathematics

3 Credits

Covers topics including pricing, taxes, insurance, interest, annuities, amortization, investments using financial calculators and spreadsheets. **Prerequisite: MAT 050 OR EQUIVALENT**

MAT 120 Mathematics for the Liberal Arts: GT-MA1

3 Credits

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. **Prerequisite: MAT 050 OR EQUIVALENT COMPETENCY**

MAT 121 College Algebra: GT-MA1

4 Credits

Explores topics including 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. **Prerequisite: MAT 055 OR EQUIVALENT COMPETENCY**

MAT 122 College Trigonometry: GT-MA1

3 Credits

Covers topics including 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. **Prerequisite: MAT 121 OR EQUIVALENT COMPETENCY**

MAT 123 Finite Mathematics: GT-MA1

4 Credits

Covers topics including functions, matrix algebra, linear programming, and an introduction to probability and counting techniques. Emphasis is on applications. This course may include other topics such as statistics when time permits. This course is primarily intended for business, life science, or social science majors. **Prerequisite: MAT 055 OR EQUIVALENT COMPETENCY**

MAT 125 Survey of Calculus: GT-MA1

4 Credits

This course includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors. **Prerequisite: MAT 121 OR MAT 123 OR PERMISSION OF THE INSTRUCTOR**

MAT 135 Introduction to Statistics: GT-MA1

3 Credits

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: MAT 050**

MAT 155 Integrated Math I

3 Credits

Engages students in the concepts of school mathematics, including the recognition of numerical and geometric patterns and their application to a variety of mathematical situations; mathematical problem-solving, reasoning, critical thinking, and communication; algebraic thinking, representation, analysis, manipulation, generalizations and extensions. **Prerequisite: MAT 050 OR EQUIVALENT COMPETENCY**

MAT 156 Integrated Math II

3 Credits

Furtheres MAT 155 concepts and will include fundamentals of probability, statistics, and Euclidean geometry. Mathematical problem solving, reasoning, critical thinking

and communication will continue to be an integral part of this sequence. **Prerequisite: MAT 155**

MAT 201 Calculus I: GT-MA1

5 Credits

Introduces single variable calculus and analytic geometry. It includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications. **Prerequisite: MAT 122, MAT 166, OR EQUIVALENT COMPETENCY**

MAT 202 Calculus II: GT-MA1

5 Credits

Continues the study of single variable calculus which will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series. **Prerequisite: MAT 201 OR PERMISSION OF THE INSTRUCTOR**

MAT 203 Calculus III: GT-MA1

4 Credits

Focuses the traditional subject matter of the Calculus. Topics include vectors, vector-valued functions, and multivariable calculus including partial derivatives, multiple integrals, line integrals and application. **Prerequisite: MAT 202 OR EQUIVALENT COMPETENCY**

MAT 204 Calculus III with Engineering Applications: GT-MA1

5 Credits

Focuses on the competencies established in MAT 203 Calculus III with an additional emphasis on word problems and problem solving. This is the third course in the three-course calculus sequence. This course will additionally contain a thorough examination of multiple integration. This will include double and triple integrals, line integrals, Stokes' and Green's Theorems, and their applications. A graphing calculator is required for this course. **Prerequisite: MAT 202 OR EQUIVALENT COMPETENCY**

MGD – Multimedia Graphic Design

MGD 111 Adobe Photoshop I

3 Credits

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.

MGD 112 Adobe Illustrator I

3 Credits

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.

MGD 114 Adobe InDesign

3 Credits

Introduces students to InDesign, a page layout program which integrates seamlessly with other Adobe design programs. InDesign delivers creative freedom and productivity to DTP. Class discussions and independent projects supplement hands-on classroom work.

MGD 133 Graphic Design I

3 Credits

Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures.

MGD 141 Web Design I

3 Credits

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.

MGD 143 Motion Graphic Design I: (Software)

3 Credits

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.

MGD 289 Capstone

1 Credits

A demonstrated culmination of learning within a given program of study.

MOT – Medical Office Technology

MOT 110 Medical Office Administration

4 Credits

Introduces the administrative duties specifically used in medical offices.

MOT 120 Medical Office Financial Management

3 Credits

Covers the practical uses of accounts and records with emphasis on accounting principles and analysis for use in a medical office.

MOT 125 Basic Medical Sciences I

3 Credits

Teaches the anatomy and physiology, pathophysiology and drug therapy of the immune, musculoskeletal, and digestive

systems. A discussion of pediatric implications as they relate to clinical physiology will also be covered. Students may take MOT 125, MOT 133 and MOT 135 in any order, but all three courses must be completed to meet the basic medical sciences requirement.

MOT 125 Basic Medical Sciences I

3 Credits

Teaches the anatomy and physiology, pathophysiology and drug therapy of the immune, musculoskeletal, and digestive systems. A discussion of pediatric implications as they relate to clinical physiology will also be covered. Students may take MOT 125, MOT 133 and MOT 135 in any order, but all three courses must be completed to meet the basic medical sciences requirement.

MOT 130 Insurance Billing and Coding

3 Credits

Introduces outpatient coding with an ultimate goal to present a clear picture of medical procedures and services performed (CPT codes), correlating the diagnosis, symptom, complaint or condition (ICD-9 codes), thus establishing the medical necessity required for third-party reimbursement.

MOT 140 Medical Assisting Clinical Skills

4 Credits

Provides hands on experience with the clinical skills required for assisting with patient care. Delivers the theory behind each skill presented as well as proper technique for performing each skill.

MOT 150 Pharmacology for Medical Assistants

3 Credits

Provides an overview of pharmacology language, abbreviations, systems of measurement and conversions. The Controlled Substances Act, prescriptions, forms of medications, patient care applications, drug classifications/interactions, and safety in drug therapy and patient care are presented. Information regarding the measurement of medications, dosage calculations, routes of administration, and commonly prescribed drugs in the medical office is provided.

MOT 183 Medical Assistant Internship

0-12 Credits

Provides supervised placement in contracted facility for guided experience in application of knowledge and skill acquired in the classroom. The student assists with a variety of business and clinical procedures. Positions are non-paid due to CAAHEP requirement. Student must have permission by program coordinator to begin internship.

MOT 188 Practicum

0-12 Credits

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.

MST – Massage Therapy

MST 105 Lifestyle Wellness

2 Credits

Provides opportunity to learn and apply specific wellness principles to your individual lifestyle. Student completes self-analysis of health behaviors and how lifestyle affects health status.

MST 106 A & P for Massage Therapy

4 Credits

Provides a general knowledge of the anatomy and physiology of the body systems with focus on the anatomy and physiology of the muscular and skeletal systems. This course is designed specifically for individuals specializing in massage therapy.

MST 111 Basic Massage Therapy

4 Credits

Introduces theory and techniques of therapeutic massage, including understanding of physiological benefits of massage as well as proper body mechanics and appropriate draping. Focuses on basic strokes of Swedish massage. Students also learn techniques of seated massage.

MST 113 Professional Massage

4 Credits

Continues the study of Integrative Therapeutic Massage techniques with emphasis on assessing and meeting client's needs. Students give massage in supervised in-class clinicals, applying appropriate therapeutic intervention.

MST 184 Clinical Massage

6 Credits

Applies skills in a clinical setting. Focuses on improvement of massage therapy skills, ethics, and communication.

MST 204 MST Business Practices

2 Credits

Assists the practitioner of massage therapy to envision, market, establish and maintain a professional massage therapy practice.

MST 216 Pathology for Massage Therapy

3 Credits

Focuses on basic knowledge of disease and injury to assist the massage therapist to promote healing, ease pain and discomfort, and avoid complications during therapy. With a broad perspective of pathology and specific pathophysiology

of diseases contributing to the need for massage therapy, this course provides the foundational science for safe practice.

MST 217 Pharmacology for Massage

1 Credit

Explores the relationship between massage therapy techniques and drug therapy, over the counter preparations and herbal supplements. Students gain an appreciation of drug therapy and appropriate changes and variations in the application of massage techniques.

MST 284 Clinical Massage

.25 Credit

Provides an application of massage therapy skills in a clinical setting. This course focuses on improvement of techniques, communication with clients and other health professionals as well as documentation of massage sessions.

MUS – Music

MUS 110 Music Theory I

3 Credits

Presents music fundamentals, diatonic four-part harmony, analysis, ear training, and keyboard harmony. For music majors transferring to a 4-year program.

MUS 111 Music Theory II

3 Credits

Presents chromatic four-part harmony, analysis, ear training, and keyboard harmony. **Prerequisite: MUS 110**

MUS 112 Ear Training/Sight-singing I Lab

1 Credit

Presents exercises in sight-singing with melodic and rhythmic dictation.

MUS 113 Ear Training/Sight-singing II Lab

1 Credit

Presents exercises in sight-singing with melodic and rhythmic dictation. **Prerequisite: MUS 112**

MUS 120 Music Appreciation: GT-AH1

3 Credits

Covers the basic materials of music, musical forms, media, genres and musical periods. Emphasizes the development of tools for intelligent listening and appreciation.

MUS 121 Music History Medieval thru Classical Period: GT-AH1

3 Credits

Studies the various periods of music history with regard to the composers, esthetics, forms, and genres of each period. Considers music from the Middle Ages through the Classical period.

MUS 122 Music History Early Romantic Period to the Present: GT-AH1

3 Credits

Studies the various periods of music history with regard to the composers, aesthetics, forms, and genres of each period. Considers music from the early Romantic period to the present. **Prerequisite: MUS 120 OR MUS121**

MUS 123 Survey of World Music: GT-AH1

3 Credits

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.

MUS 141 Private Instruction: (specify)

1-2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 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 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, first term. **Prerequisite: CLASS INSTRUCTION OR PERMISSION OF THE INSTRUCTOR. AN ADDITIONAL FEE IS REQUIRED**

MUS 142 Private Instruction: (specify)

1-2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-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 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, second term. **CLASS INSTRUCTION OR PERMISSION OF THE INSTRUCTOR. AN ADDITIONAL FEE IS REQUIRED**

MUS 143 Private Instruction: (specify)

1-2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 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 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, third term. **CLASS INSTRUCTION OR PERMISSION OF THE INSTRUCTOR. AN ADDITIONAL FEE IS REQUIRED**

MUS 144 Private Instruction: (specify)

1-2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 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 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, fourth term. May be repeated for credit more than once per individual institution policy. **CLASS INSTRUCTION OR PERMISSION OF THE INSTRUCTOR. AN ADDITIONAL FEE IS REQUIRED**

MUS 151 Ensemble I

1 Credit

First year, first term. Rehearses and performs various types of musical literature. **Prerequisite: PERMISSION OF THE INSTRUCTOR**

MUS 152 Ensemble II

1 Credit

Rehearses and performs various types of musical literature. First year, second term. **Prerequisite: PERMISSION OF THE INSTRUCTOR**

MUS 153 Ensemble III

1 Credit

Rehearses and performs various types of musical literature. First year, third term. **Prerequisite: PERMISSION OF THE INSTRUCTOR**

MUS 154 Ensemble IV

1 Credit

Rehearses and performs various types of musical literature. First year, fourth term. **Prerequisite: PERMISSION OF THE INSTRUCTOR**

MUS 210 Music Theory III

1 Credit

Continues study of four-part music, including extended harmonic progressions of ninth, eleventh, thirteenth chords, extended alteration, non-chord tones, modulation and compositions. **Prerequisite: MUS 111**

MUS 211 Music Theory IV

3 Credits

Offers a continuation of chromatic harmony, analysis, ear-training, and keyboard harmony. New topics will include Impressionism and 20th Century styles of composition. **Prerequisite: MUS 210**

MUS 212 Advanced Ear Training/Sight-singing I Lab

1 Credit

Presents modulating and chromatic exercises in sight-singing and dictation. Dictation includes four-part writing. **Prerequisite: MUS 113**

MUS 213 Advanced Ear Training/Sight-singing II Lab

1 Credit

Presents modulating and chromatic exercises in sight-singing and dictation. Dictation includes four-part writing. **Prerequisite: MUS 212**

NAT – Nail Technician

NAT 110 Introduction to Manicures & Pedicures

3 Credits

Provides a basic introduction in the proper use of implements used in manicures and pedicures. Theory and practical application of proper set-up, safety, sanitation, nail shapes, anatomy, product knowledge and terminology dealing with manicures and pedicures is covered. Training is done in a classroom or lab setting using models or other techniques.

NAT 111 Intermediate Manicures & Pedicures

3 Credits

Presents theory and practical application dealing with different types of manicures, pedicures, nail art and massage techniques. Theory and practical application of procedures, products, nail shapes and maintenance of natural nails is covered. Students learn to recognize different nail disorders and their proper treatment. Training is done in a specialized class or in supervised salon (clinical) setting, using models or customer service. Proper sanitation and sterilization as it pertains to all aspect of manicures, pedicures and nail art is taught.

NAT 210 Advanced Manicures & Pedicures

2 Credits

Presents theory and practical application dealing with different types of manicures, pedicures massage techniques and nail art. Theory and practical application of procedures, products, nail shapes and maintenance of the natural nails is covered. Students learn to recognize different nail disorders and their proper treatment. Training is done in a specialized class or in supervised salon (clinical) setting, using models or customer service.

NAT 211 Application of Artificial Nails

5 Credits

Provides advanced theory and practical application of nail wraps, tip overlays, acrylics and product knowledge to ready the student for employment. Theory and practical application of removal techniques for artificial nails is covered. Instruction is provided in specialized classes or in

supervised salon (clinical) setting using models or customer service. Student preparation for state board licensing examination pertaining to artificial nails is covered.

NRE – Natural Resources

NRE 102 Introduction to Natural Resources Management

3 Credits

Covers an overview of our natural resources, the environmental concerns related to their management, and the agencies in charge of management of natural resources.

NRE 225 Environmental Education

3 Credits

Introduces students to the history, legislation, principles, and goals of environmental literacy and education. Students will apply this understanding by creating, presenting and evaluating an environmental lesson and environmental education project.

NRE 280 Internship

0-12 Credits

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.

NUA – Nursing Assistant

NUA 101 Nurse Aide Health Care Skills

3 Credits

Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights.

NUA 105 Home Health Aide Theory

2 Credits

Introduces the student to the expanding field of Home Health Nursing. The student will discover the uniqueness of Home Health Care and the vital role that the nursing assistant plays as part of the home care team. The student will learn how to assist home care patients with activities of daily living and maintain a safe, clean and comfortable environment. The student will also learn the differences

and challenges of caring for patient in their natural home environment versus institutional settings. **Co-requisite: NUA 101**

NUA 170 Nurse Aide Clinical Experience

.25-6 Credits

Applies knowledge and skill gained in NUA 101 to patient care. **Prerequisite: SUCCESSFUL COMPLETION OF NUA 101**

NUA 171 Advanced Nurse Aide Clinical

.25-6 Credits

Prepare the student to move toward more independent functioning within the nurse aide scope of practice, in applying knowledge and skills gained in NUA 101 and NUA 170. The student will learn skills that enhance communication, cultural competency, end of life care, critical thinking and organizational skills. **Prerequisite: NEGATIVE TB TEST OR CHEST X-RAY AND CURRENT IMMUNIZATIONS. CO-REQUISITE: NUA 101 AND NUA 170.**

NUA 172 Nurse Aide Clinical Practice with the Elderly

.25-6 Credits

Provides theory and clinical practice of care of the elderly client, with emphasis on the special needs and problems of the client in a long-term care organization. **Prerequisite: NUA 101 AND NUA 170**

NUR – Nursing

NUR 101 Pharmacology Calculations

1 Credit

Prepares nurse to provide safe, patient-centered nursing care related to dosage calculations. This course introduces critical thinking applied to dosage calculations and communication used when interacting with patients and members of the healthcare team related to various aspects of safe administration of medications. Information technology used to document medications administered and patient technology used to deliver medications are also practiced.

NUR 103 Basic Health Assessment for the Practical Nurse

1 Credit

Provides the theoretical knowledge and psychomotor skills used by the Practical Nurse performing a basic assessment of health status of stable adult patients with predictable outcomes, including collecting, reporting, and recording objective/subjective data, observing conditions or changes in condition, and differentiating normal from abnormal findings. Principles of therapeutic communication and patient teaching are included. Includes practice collecting basic assessment data in the nursing skills laboratory.

NUR 106 Medical Surgical Nursing Concepts

9 Credits

NUR106 is the first medical/surgical nursing course. Building on NUR109, this course provides for the acquisition of basic medical/surgical nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered care to a developmentally and culturally diverse adult patient population experiencing various medical/surgical interventions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings.

Prerequisite: Successful completion of preceding nursing program coursework or permission of program director. **Co-requisite:** Successful completion of concurrent nursing program coursework or permission of program director

NUR 109 Fundamentals of Nursing

8 Credits

Nursing 109 introduces the fundamental concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse. Introduces caring, critical thinking, the nursing process, quality improvement, and communication used when interacting with patients and members of the interdisciplinary team, and relates evidence-based nursing practice. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations.

NUR 112 Basic Concepts of Pharmacology

2 Credits

Overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. Principles of medication administration include aspects of best practice for safe, quality, patient-centered care. Central points include safety, quality improvement factors in the administration of medications, patient teaching, and variations encountered when administering medications to diverse patient populations across the lifespan. **Prerequisite:** Successful completion of preceding required program coursework or permission of the instructor. **Co-requisite:** Successful completion-concurrent Practical Nursing/Nursing courses or permission of the program director

NUR 150 Maternal - Child Nursing

7 Credits

Nursing 150 provides for the acquisition of maternal/child nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, family-centered nursing care to childbearing families and

children that is developmentally and culturally appropriate. Incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings. **Prerequisite:** Successful completion of preceding nursing program coursework or permission of the program director. **Co-requisite:** Successful completion-concurrent Practical Nursing/Nursing courses or permission of program director

NUR 189 Transition from LPN to ADN

0-12 Credits

Facilitates transition of the LPN to new roles and responsibilities of the ADN, the nursing process, critical thinking, legal and ethical issues in nursing practice, and the nursing care of childbearing families and pediatric clients. Application of knowledge and skills occurs in the laboratory and maternal/child and pediatric clinical settings.

NUR 206 Advanced Concepts of Medical-Surgical Nursing I

8 Credits

NUR 206 builds on NUR106 focusing on advanced concepts of nursing applied to care of patients with high acuity medical/surgical conditions. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in a variety of healthcare settings. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings.

Prerequisite: Successful completion of preceding nursing program course work or permission of the program director. **Co-requisite:** Successful completion of concurrent nursing program course work or permission of program director

NUR 211 Psychiatric-Mental Health Nursing

8 Credits

Develops concepts of psychosocial integrity and emphasizes the function and responsibility of nursing in promoting and maintaining mental health of individuals and families. This course emphasizes communication and caring through the application of the therapeutic relationship and nursing process in the care and treatment of common psychiatric clinical conditions/disorders. **Prerequisite:** Successful completion of preceding nursing program course work or permission of the program director. **Co-requisite:** Successful completion of concurrent nursing program course work or permission of program director

NUR 212 Pharmacology II

2 Credits

Builds on previously introduced pharmacological concepts and applies that learning to pharmacologic therapy to provide safe, quality, evidence-based nursing care to patients with complex healthcare needs. Focuses on safety and quality improvement factors in the administration of medications within a variety of healthcare systems. Advanced dosage calculations included.

NUR 216 Advanced Concepts of Medical-Surgical Nursing II 6 Credits

Nursing 216 is a continuation of Nursing 206, focusing on complex medical/surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings. **Prerequisite: Successful completion of preceding nursing program course work or permission of the program director. Co-requisite: Successful completion of concurrent nursing program course work or permission of program director**

NUR 230 Transition to Professional Nursing Practice

5 Credits

Nursing 230 is a seminar and practice capstone course that provides an integrative experience applying all dimensions of the professional nurse in the care of diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed. Leadership and the management of multiple patients are emphasized. Application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse. **Prerequisite: Successful completion of preceding nursing program course work or permission of the program director. Co-requisite: Successful completion of concurrent nursing program course work or permission of program director**

OSH – Occupational Safety Technician**OSH 100 Introduction to Occupational Safety & Health**

1 Credit

Introduces the student to the occupational safety and health field. Subject topics include general safety and health concepts and terms, historical developments, legislative overview, environmental/safety regulatory framework,

hazard identification, recognition, evaluation and control concepts, accident investigation, and ergonomics.

OSH 115 General Industry Standards

5 Credits

Provides an in-depth OSHA certification course for the general industry, and a review of the current OSHA standards contained in 29 CFR 1910. 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.

OSH 125 Construction Industry Standards

3 Credits

Provides an in-depth 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.

OSH 127 10-HR Construction Industry Standards

1 Credit

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.

OSH 135 Case Study Evaluation

5 Credits

Teaches students OSHA's interpretations of the regulations for the general industry and the construction industry. Individual cases and courtroom proceedings are analyzed by each student. Also, included is an analysis of the industrial inspection process. **Prerequisite: OSH 115 OR OSH 125.**

OSH 145 Fire Protection & Analysis

3 Credits

Introduces the student to the recognition of possible fire sources and emergency procedures in the event of a fire, as well as an in-depth study of fires and the construction techniques of eliminating fires. This course includes: history of fires, types of extinguishing agents and detecting devices, construction techniques, extinguishing systems and detecting systems. National Fire Protection and Occupational Safety and Health Standards will be stressed.

OSH 146 Hazardous Materials

2 Credits

Provides information to students on chemical Right-to-Know awareness. Course topics include: Introduction to Right-to-Know awareness, chemical identification, chemical labeling and material safety data sheets.

OSH 155 Environmental Regulatory Framework

3 Credits

Provides an overview of the regulations which affect the environment. Regulations discussed are: EPA, SARA, CERCLA, RCRA and OSHA's role in the control of potential environmental mishaps.

OSH 165 Excavation Safety

1 Credit

Provides detailed information on the safety aspects of trenching and excavation. OSHA standards are stressed. Various types of sloping and shoring methods are covered.

OSH 215 Accident Prevention

3 Credits

Develops the skills needed to recognize hazards and to design elimination techniques through knowledge of accident prevention controls.

OSH 225 Industrial Hygiene

3 Credits

Introduces students to the general concepts of Industrial Hygiene. Topics include: routes of exposure, chemical, physical and biological hazards, ventilation, noise and instrumentation. Identification, evaluation, and control of industrial health hazards are stressed.

OSH 226 Ergonomics: Manage Task Stress

3 Credits

Familiarizes the Occupational Safety major with the concepts and applications of current Ergonomic theory. Discussion will include work physiology, engineering anthropometry, biomechanics, workstation design, and controls. Students will learn to measure successful application of ergonomic design through improved acceptance of resultant system design.

OSH 235 Worker's Compensation

2 Credits

Provides students with an overview of Colorado Insurance Regulations and will explain how to design and implement a 'Certified Risk Management Program'. Students will receive reference material to aid them in designing a certified program.

OSH 245 Safety Program Planning/Administration

3 Credits

Explores the practical application methods used in developing and administering a safety and health/accident

prevention plan. This plan will be developed to meet the current Occupational Safety and Health Administration's Standards. **Prerequisite: OSH 115**

OSH 246 Safety Training Methods

3 Credits

Introduces students to current safety training methods. Topics stressed are: organization, preparation, and delivery.

OSH 255 Industrial Hygiene Instrument Lab

3 Credits

Provides a laboratory course where students will gain hands-on skills and knowledge on various monitoring instruments used in the safety profession. **Prerequisite: OSH 225 OR INSTRUCTOR CONSENT**

OSH 281 Internship

0-12 Credits

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: ADVISOR APPROVAL TO REGISTER**

OSH 285 Independent Study

0-12 Credits

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor. **Prerequisite: ADVISOR APPROVAL TO REGISTER**

PED – Physical Education

PED 101 Conditioning Lab

1 Credit

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 cardiorespiratory, muscular strength and endurance exercises to promote positive changes in health-related fitness components.

PED 102 Weight Training I

1 Credit

Offers basic instruction and practice in weight training. Students utilize weight training equipment in accordance to their abilities and goals. Emphasizes weight training equipment orientation, correct lifting techniques, and basic program design for men and women. 30 Contact Hours

PED 103 Weight Training II

2 Credits

Offers guided instruction and independent practice in weight training for men and women. Students practice various weight training techniques in accordance with their abilities. Emphasizes physiological considerations, equipment orientation, correct lifting techniques, program design, and nutrition.

PED 120 Aerobics I

1 Credit

Offers a level of aerobic exercise to increase the students aerobic endurance and further explains the components of aerobic conditioning. Charting and developing of cardiovascular rates are stressed.

PED 122 Step Aerobics

1 Credit

Introduces basic step aerobics and exercise techniques to improve physical fitness. Emphasizes the basic principles of step aerobics including the effects upon the cardio-respiratory system and skeletal muscles, various step patterns and choreography.

PED 141 Pilates Matwork I

1 Credit

Focuses on Pilates matwork to increase core strength, overall muscles tone and flexibility with focused and precise floor work techniques. A physical education class built upon the philosophies and exercises of Josef Pilates.

PED 143 Yoga I

1 Credit

Offers a guided instruction in yoga. Students practice yoga according to their individual fitness levels and abilities. Emphasizes enhancing general health and well-being through the performance of yoga strength, flexibility, balance and relaxation techniques and exercises.

PHI – Philosophy**PHI 111 Introduction to Philosophy: GT-AH3**

3 Credits

Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion.

PHI 112 Ethics: GT-AH3

3 Credits

Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify

ethical judgments are applied to a selection of contemporary personal and social issues.

PHI 113 Logic: GT-AH3

3 Credits

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.

PHI 114 Comparative Religions: GT-AH3

3 Credits

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.

PHI 205 Business Ethics

3 Credits

Analyzes of ethical behavior for business. The premise is that ethics deals with right and wrong standards of behavior that are determined by the ethical and social expectations of society in general, and further, that we expect responsible people to observe the ethical standards of our society. A case approach is used throughout the course. The ethical issues involve trade-offs among ethical decisions and economics, legal, social, and cultural concepts.

PHI 214 Philosophy of Religion: GT-AH3

3 Credits

Focuses on the critical examination of the fundamental concepts, ideas, and implications of religion. Includes 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.

PHI 218 Environmental Ethics: GT-AH3

3 Credits

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.

PHI 220 Philosophy of Death and Dying: GT-AH3

3 Credits

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 physician assisted suicide, as well as a focus on philosophy's existentialist contribution to questions about the meaning of life and the meaning of death.

PHY – Physics

PHY 105 Conceptual Physics with Lab: GT-SC1

4 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience. **Prerequisite: MAT 050**

PHY 111 Physics: Algebra-Based I with Lab: GT-SC1

5 Credits

Explores the physical world 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 that is recommended for all of the health sciences and all other interested students. Students entering engineering or one of the advanced sciences should register for PHY 211. **Co-Requirement: MAT 121**

PHY 112 Physics: Algebra-Based II with Lab: GT-SC1

5 Credits

Expands upon PHY 111 and explores sound waves, electric fields, electric circuits, magnetic fields, light, optics, and modern physics. Explores the concepts and theories presented in class through demonstrations and hands-on experiments. **Prerequisite: PHY 111**

PHY 211 Physics: Calculus-Based I with Lab: GT-SC1

5 Credits

Explores the physical world through reasoning, mathematics and experimentation. Covers kinematics, force, gravity, energy, momentum, torque, rotational dynamics, and fluids, and may include thermodynamics. The concepts and theories presented in class are explored through demonstrations and hands-on experiments. This first semester calculus-based physics course is recommended for students entering

engineering or one of the advanced sciences. **Co-Requirement: MAT 201**

PHY 212 Physics: Calculus-Based II with Lab: GT-SC1

5 Credits

Expands upon PHY 211 and examines waves, electric fields, electric circuits, magnetic fields, light and optics, and modern physics. The concepts and theories presented in class are explored through demonstrations and hands-on experiments. **Prerequisite: 211**

POS – Political Science

POS 105 Introduction to Political Science: GT-SS1

3 Credits

Focuses on a survey of the discipline of political science, including political philosophy and ideology, democratic and non-democratic governments, and processes, and international relations.

POS 111 American Government: GT-SS1

3 Credits

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.

POS 125 American State and Local Government: GT-SS1
3 Credits

Emphasizes the structure and function of state, county, and municipal governments including their relations with each other and with national government. Includes a study of Colorado government and politics.

POS 205 International Relations: GT-SS1

3 Credits

Examines relationships among modern nation states. Topics include diplomacy, nationalism, ideologies, power and influence, conflict and cooperation, the role of nonstate actors, the international economy and theoretical attempts to understand international behavior.

POS 225 Comparative Government: GT-SS1

3 Credits

Focuses on a comparison of the basic features of selected developed and developing countries. Topics include ideologies, political parties, interest groups, and governmental institutions.

PSY – Psychology

PSY 101 General Psychology I: GT-SS3

3 Credits

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory.

PSY 102 General Psychology II: GT-SS3

3 Credits

Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, and social psychology.

PSY 112 Psychology of Adjustment

3 Credits

Emphasizes personal growth and the development of interpersonal skills. Focuses on the practical application of psychological principles and theories in achieving self-understanding and personal growth.

PSY 116 Stress Management

3 Credits

Identifies the physiological, emotional and behavioral aspects of stress. Techniques of stress reduction and management are explored and applied, including nutrition, exercise, assertiveness, time management, and financial management. This course is not designed for transfer.

PSY 207 Intro Forensic Psychology

3 Credits

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.

PSY 217 Human Sexuality: GT-SS3

3 Credits

Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health.

PSY 226 Social Psychology: GT-SS3

3 Credits

Focuses on the behavior of humans in social settings, including attitudes, aggression, conformity, cooperation and competition, prejudice, and interpersonal attraction.

PSY 227 Psychology of Death and Dying: GT-SS3

3 Credits

Examines the philosophies of life and death, emphasizing dying, death, mourning, and the consideration of one's own death.

PSY 235 Human Growth and Development: GT-SS3

3 Credits

Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors.

PSY 237 Child and Adolescent Psychology

3 Credits

Explores human development from conception through adolescence, emphasizing physical cognitive, emotional, and psychosocial factors.

PSY 238 Child Development: GT-SS3

3 Credits

Focuses on the growth and development of the individual, from conception through childhood, emphasizing physical, cognitive, emotional, and psychosocial factors.

PSY 240 Health Psychology: GT-SS3

3 Credits

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.

PSY 245 Educational Psychology

3 Credits

Focuses on the relationships between theory, research, and practice in the areas of learning, child development, motivation, and educational assessment.

PSY 249 Abnormal Psychology: GT-SS3

3 Credits

Examines abnormal behavior and its classification, causes, treatment, and prevention.

RAM – Range Management

RAM 205 Range Management

3 Credits

Presents the historical and current status of the range livestock industry. Management principles for private and public rangelands, range plant identification and range plant communities are covered.

SCI – Science

ENV 101 Environmental Science with Lab: GT-SC1

4 Credits

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.

SCI 105 Science in Society: SC2

3 Credits

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.

SCI 155 Integrated Science I - Physics and Chemistry with Lab: GT-SC1

4 Credits

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.

SCI 156 Integrated Science II - Earth and Life Science with Lab: GT-SC1

4 Credits

Examines earth and biological systems, living and non-living environments, through the application of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments.

SOC – Sociology

SOC 101 Introduction to Sociology I: GT-SS3

3 Credits

Examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race.

SOC 102 Introduction to Sociology II: GT-SS3

3 Credits

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.

SOC 205 Sociology Of Family Dynamics: GT-SS3

3 Credits

Develops an understanding of marriage, family and kinship. It examines the family as an institution and how social, cultural and personal factors influence family relations. The stability and diversity of the family will be explored, along with current trends and some alternative life styles. **Prerequisite: ENG 100, SOC 101 OR CONSENT OF THE INSTRUCTOR**

SOC 215 Contemporary Social Problems: GT-SS3

3 Credits

Explores current social issues that result in societal problems. It focuses on such issues as civil liberties, gender discrimination, substance abuse, crime, poverty, and social change.

SOC 216 Sociology Of Gender: GT-SS3

3 Credits

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.

SOC 218 Sociology of Diversity: GT-SS3

3 Credits

Explores the variety of intergroup relations regarding race, nationality, ethnicity, gender, sexual orientation, and other diversity issues. Patterns of prejudice, discrimination and possible solutions to these issues will be addressed.

SOC 220 Sociology of Religion: GT-SS3

3 Credits

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.

SOC 231 The Sociology of Deviant Behavior: GT-SS3

3 Credits

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.

SOC 237 Sociology Of Death And Dying: GT-SS3

3 Credits

Provides an opportunity to familiarize students and professionals with the needs and issues surrounding dying and death. This course will provide sociological, psychological, religious, historical and anthropological perspectives for interpreting contemporary American customs dealing with dying, death and bereavement. We will examine the professions associated with death and dying, such as hospice, funeral and crematory institutions, and medical care.

SPA – Spanish

SPA 111 Spanish Language I

5 Credits

Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.

SPA 112 Spanish Language II

5 Credits

Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.

SPA 211 Spanish Language III: GT-AH4

3 Credits

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: SPA 112 OR PERMISSION OF THE INSTRUCTOR**

SPA 115 Spanish for the Professional I

3 Credits

Introduces students 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. **Prerequisite: COLLEGE LEVEL READING**

SPA 212 Spanish Language IV: GT-AH4

3 Credits

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: SPA 211**

THE – Theatre

THE 105 Theatre Appreciation: GT-AH1

3 Credits

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.

THE 111 Acting I

3 Credits

Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance. **Prerequisite: THE 105 IS RECOMMENDED**

THE 112 Acting II

3 Credits

Continues to explore basic acting techniques and approaches including scene study, improvisation, and intermediate script analysis. It includes practical application through classroom performance. **Prerequisite: THE 111 OR PERMISSION OF THE INSTRUCTOR. THE 105 IS STRONGLY ADVISED**

THE 116 Technical Theatre

3 Credits

Introduces hands-on methods of constructing and painting scenery and properties and operating stage lighting. Students also learn the proper procedures of using shop equipment and serving on stage crews.

THE 131 Theatre Production I

3 Credits

Allow 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: CCR 092 OR EQUIVALENT COMPETENCY, THE 111, AND OR THE 112 OR PERMISSION OF THE INSTRUCTOR**

THE 132 Theatre Production II

3 Credits

Allow 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: THE 131 OR THE 112 OR PERMISSION OF THE INSTRUCTOR**

THE 141 Improvisation I

1 Credit

Helps students learn improvisation skills for performance and character development. Emphasis is placed on "Second City" style of improvisation.

THE 152 Production Stage Management I

3 Credits

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.

THE 211 Development of Theater Greek-Renaissance GT-AH1

3 Credits

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.

THE 212 Development of Theatre Restoration to Modern: GT-AH1

3 Credits

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.

THE 213 Intermediate Acting I

3 Credits

Continues Acting Theatre 112. Emphasis is on artistic concentration of voice and movement. A detailed character biography is required.

THE 216 Theatre Lighting and Design

3 Credits

Focuses on the theory and practice of stage lighting. Topics include basic electrical theory, color theories, rigging and design of lighting for the performing arts.

THE 246 Rehearsal & Performance

1 Credit

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 II

2 Credits

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.

WEL – Welding

WEL 203 Flux Cored Arc Welding I

4 Credits

Covers safety inspections, minor repairs, operating parameters, operation of FCAW equipment utilizing self shielded wire, and principles of joint design, preparation, and material selection to welding operations.

WEL 224 Advanced Gas Tungsten Arc Welding

4 Credits

Covers welding in all positions on carbon steel, stainless steel and aluminum plate and carbon steel pipe with the GTAW process. Student should be familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.

WEL 230 Pipe Welding I

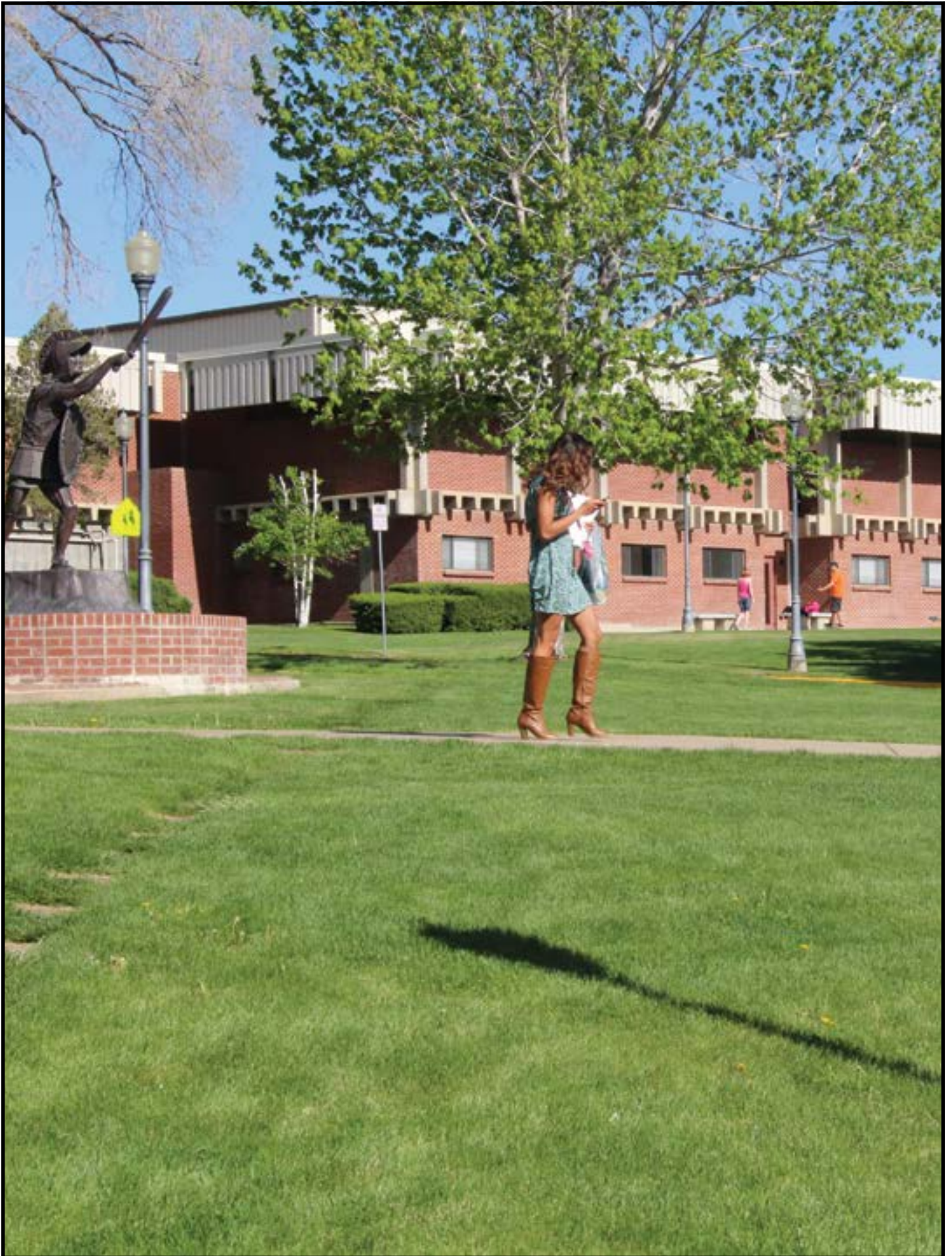
4 Credits

Covers safety inspections, minor repairs, operating parameters, and operation of SMAW, GMAW, and FCAW equipment in a variety of positions on plain carbon steel pipe joints. Also covers evaluating and solving complex welding and fabrication problems and administering hands on training and supervision to other students during assigned fabrication and welding operations.

WEL 231 Pipe Welding II

4 Credits

Learn to perform safety inspections, make minor repairs, adjust operating parameters, and operate SMAW and GTAW equipment on plain carbon steel pipe joints. The student should also be able to evaluate and solve complex welding and fabrication problems, administer hands on training and supervise other students during assigned fabrication and welding operations.





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Metro State College;
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B.S., Colorado State University – Pueblo
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Certification, A1 - A8 Master
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Payable)
Certificate, Barnes Business College
- * **Burke, Heidi**
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R.N., Beth El College of Nursing;
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MPS, Loyola University;
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A.D.N. & RN, Trinidad State Junior
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B.A., Weber State University
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- * **Chavez, Joyce**
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Certificate, Trinidad State Junior College;
Certificate, Trinidad State Junior College
- * **Clements, Cindy**
(Faculty – Math, Robotics, Computer
Science)
M.S., Oklahoma State University;
B.S., Cal. Poly. San Luis Obispo
- * **Clerkin, Amanda**
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B.S.N., R.N., Western Governors
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- **Cogburn, Ashlie**
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B.A., Adams State College
- * **Croghan, Dan**
(Director of the Gun Range Operations)
Journeyman, Sheet Metal Worker
- * **Cumby, Brian**
(Faculty - CNC Machining, OSHA,
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B.A., Fort Lewis College
- **Davis, Donna**
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A.A.S., Trinidad State Junior College;
Certificate, Trinidad State Junior College
- * **DeAngelis, Toni**
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B.S., Adams State College;
A.A., Trinidad State Junior College
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Certificate, Trinidad State Junior College
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- **Dineen, Martin**
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B.S.N., Chamberlain College of Nursing;
A.D.N., Trinidad State Junior College
- **Doyle, Rachael**
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B.A., Adams State College;
- **Duran, Darci**
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B.A.S., Chadron State College;
A.S., Art Institute of Colorado;
A.A., Laramie County Community
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- * **Eckes, Victoria**
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B.S., University of Colorado Boulder
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BSN, Auckland University of Technology,
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University Entrance, Rangitoto College,
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R.M.T., – Registered Massage Therapist,
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A.N.P., – Arvigo Naturopathic Practitioner,
Arvigo Institute, New Hampshire, USA

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Certificate, Trinidad State Junior College
- * **Folda, Michael**
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B.S., Colorado State University;
A.A., Northeastern Junior College
- * **Frank, Santina**
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M.S.N., University of Phoenix;
B.A., Trinity University;
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- * **Gabrielson, Kerry**
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M.S., DePaul University;
B.S., University of Dayton
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- **Garcia, Jodi**
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M.S.N., Walden University;
B.S.N., University of New Mexico;
A.D.N., Trinidad State Junior College
- * **Garcia, Ken**
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- * **Gilmore, John**
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J.D., University of North Dakota;
B.A., Adams State College
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Gunsmithing)
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- * **Goodsell, Nicholas**
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Certification, Engine, Automotive Service Excellence;
Certification, Maintenance Repair, Automotive Service Excellence;
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- * **Lucero, Ernest**
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Certification, Brakes, Automotive Service
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Certification, Steering and Suspension,
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Certification, Engine Repair, Automotive
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Naval Air Station
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B.S., Excelsior College;
A.A., Kalamazoo Community College
- **Webster, Ben**
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- **Westerman, Mathilda**
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A.G.S., Trinidad State Junior College;
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- * **Weurding, Peggy**
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[M.Ed.](#), Colorado State University;
B.S., University of Southern Colorado;
A.A., San Diego Mesa College

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***Wiening, Cliff**

(UBMS Academic Coordinator)
M.S., New Mexico State University;
B.S., Texas Tech University;
A.A.S., Lamar Community College

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M.A., New Mexico State University
B.S., New Mexico State University;

*** Wilkinson, Nancy**

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[M.Ed.](#), Colorado State University;
B.S., Texas A & M University;
Education Certificate, University of Texas
& Odessa Jr. College

• Williams, Norman

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Apprenticeship Certification

*** Williamson, Ira**

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*** Wilson, Daniel**

(Disability Services and Career Services)
AOS - Denver Automotive & Diesel
College

*** Young, Matt "Moose"**

(Residence Hall Director)
A.A., Casper College







Academic Calendars...

2014 Summer Semester	
May 30 th	Registration, Advising, Placement Testing
June 2 nd – July 11 th	Six Week Session
June 2 nd – July 25 th	Eight Week Session
June 7 th	Census Date, Six Week Session
June 9 th	Census Date, Eight Week Session
July 3 rd	Withdrawal Date, Six Week Session
July 4 th	Independence Day, No Classes, College Closed
July 14 th	Withdrawal Date, Eight Week Session

2014 Fall Semester	
August 15 th	Registration, Advising, Placement Testing
August 18 th	Classes Begin
September 1 st	Labor Day Holiday, No Classes, College Closed
September 3 rd	Census Date
September 17 th	Withdrawal Date
October 6 th – 10 th	Mid Term Exams
November 24 th – 26 th & 28 th	Fall Break, No Classes, College Open
November 27 th	Thanksgiving Day, No Classes, College Closed
December 9 th – 11 th	Final Exams

2015 Spring Semester	
January 9 th	Registration, Advising, Placement Testing
January 12 th	Classes Begin
February 4 th	Census Date
March 3 rd – 7 th	Mid Term Exams
March 17 th – 21 th	Spring Break, No Classes, College Open
May 5 th – 7 th	Final Exams
May 8 th	Trinidad Campus Commencement
May 8 th , Evening	Valley Campus Commencement

2015 Summer Semester

May 29 th	Registration, Advising, Placement Testing
June 1 st – July 10 th	Six Week Session
June 1 st – July 24 th	Eight Week Session
June 5 th	Census Date, Six Week Session
June 8 th	Census Date, Eight Week Session
July 2 nd	Withdrawal Date, Six Week Session
July 4 th	Independence Day, No Classes, College Closed
July 13 th	Withdrawal Date, Eight Week Session

2015 Fall Semester

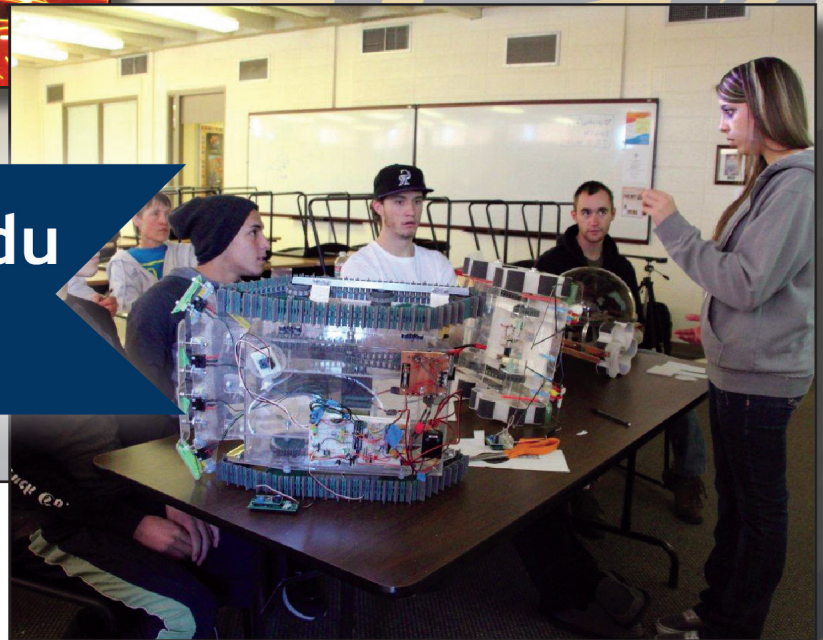
August 21 st	Registration, Advising, Placement Testing
August 24 th	Classes Begin
September 1 st	Labor Day Holiday, No Classes, College Closed
September 9 th	Census Date
October 6 th – 10 th	Mid Term Exams
November 20 th	Withdrawal Date
November 23 rd – 25 th & 27 th	Fall Break, No Classes, College Open
November 27 th	Thanksgiving Day, No Classes, College Closed
December 15 th – 17 th	Final Exams

2016 Spring Semester

January 9 th	Registration, Advising, Placement Testing
January 12 th	Classes Begin
February 4 th	Census Date
March 3 rd – 7 th	Mid Term Exams
March 17 th – 21 th	Spring Break, No Classes, College Open
May 5 th – 7 th	Final Exams
May 8 th	Trinidad Campus Commencement
May 8 th , Evening	Valley Campus Commencement



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