



DRAFT

Course Catalog

2013-2014

TRINIDAD STATE
JUNIOR COLLEGE
TRINIDAD ALAMOSA
Est. 1925

TRINIDAD STATE JUNIOR COLLEGE

2013 - 2014 CATALOG



Proudly Serving
Alamosa, Las Animas, Huerfano
Costilla, Saguache, Colfax, Mineral
Union, Rio Grande and Conejos Counties

TSJC

TSJC

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ABOUT THIS CATALOG...

The 2013 - 2014 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 launched a common course numbering and common competency project to improve student transfer and to ensure curriculum quality across our system. The project was fully implemented in fall 2003. The project will not jeopardize student credit and transfer. The system will provide an electronic addendum at www.cccs.edu as course numbers and course competencies are completed.

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 webpage at <http://www.trinidadstate.edu/student-support/services/cte-special-services.html>, or contact the Special Populations/Disability Services Coordinator on your respected campus: Trinidad Campus Coordinator is located in the Berg Building, Room 308 or at (719) 846-5456. The Valley Campus Coordinator is located on the Alamosa Main Campus, Room LRC 203 or at (719) 589-7076.

NOTICE OF NON-DISCRIMINATION

Trinidad State Junior College does not discriminate on the basis of race, color, religion, national origin, sex, age or disability in admission, access to, or treatment or employment in its educational programs or activities. Inquiries concerning Title IV, Title IX, and Section 504 may be referred to the Affirmative Action Officer, Berg Building, Trinidad State Junior College, Trinidad, Colorado 81082, (719) 846-5534 or Affirmative Action Director for the Colorado Community College and Occupational Education System, 1391 N. Speer Blvd., Suite 600, Denver, Colorado (800) 204-2554, (303) 620-4000, or to the Office for Civil Rights, U.S. Department of Education, 1961 Stout Street, Denver, Colorado 80294.

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 webpage at <http://www.trinidadstate.edu/index.php/student-support/services/cte-career-services> or contact the Career and Special Services Coordinator on your respected campus: Trinidad Campus Coordinator is located in the Berg Building, Room 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) 589-7076.



Need More Information...

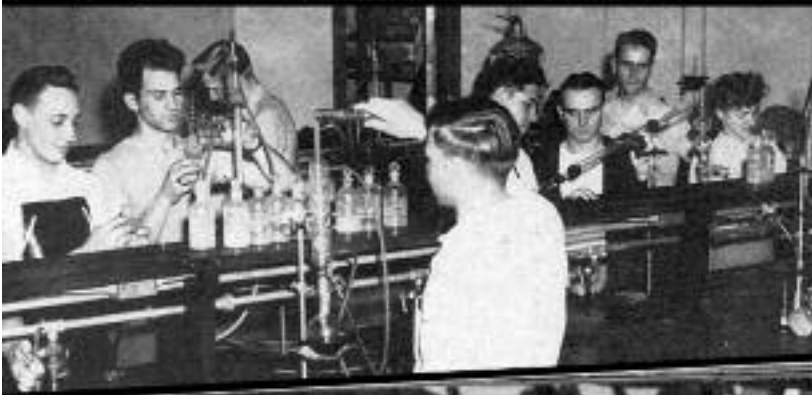
Trinidad Campus Offices
600 Prospect Street
Trinidad, CO 81082
(719) 846-5011
Toll Free (800) 621-TSJC (8752)
FAX: (719) 846-5620

Service	Location	Extension
Academic Affairs	Berg 210	5474
Admissions	Berg 201	5621
Advising - Arts and Science	Berg 201	5557
Advising - CTE	Berg 201	5650
Adult Basic Ed. (GED)	Latuda Hall	5698
Adult Education Services	Latuda Hall	5682
Affirmative Action	Berg 101	5534
Alumni/Development	Berg 108	5520
Arts and Sciences	Berg 210	5474
Accuplacer Testing	Library 207	5473
Assessment Office	Berg 217	5477
Athletics	Scott Gym	5519
Bookstore	SSC	5610
Business Office	Berg 209	5546
Career Services	Berg 308	5456
Career & Technical Education	Berg 201	5559
Financial Aid	Berg 209	5553
Food Services	SSC	5629
Housing	SLC	5517
Learning Center	Library 300	5664
Library	Library	5593
Maintenance	Banta Building	5618
Math Lab	Library 301	5515
Residence Hall - Female	O'Connor Hall	5497
Residence Hall - Male	Huggins Hall	5458
Museum	Library (lower level)	5508
Nursing	Davis 116E	5535
President	Berg 218	5541
Recruiter	Berg 201	5622
Security/Physical Plant	Banta Building	5618
Special Populations/Disability Services	Berg 308	5456
Student Activities/Student Government	SSC	5517
Student Life	SLC	5517
Student Success Center	Library 207C	5477
Student Services	Berg 101	5621
TRiO Educational Opp. Center	Berg 209	5689
TRiO Student Support Services	Library	5645
TRiO Upward Bound Math Science	Davis 114	5554
Transcripts	Berg 201	5621
Trojan Tribune Student Newspaper	SSC 132	5517
Tutoring	Library 300	5664
Vice President of Academic Affairs	Berg 210	5680
Vice President of Administrative Services	Berg 109	5691
Vice President of Student Affairs	Berg 201	5643
Veteran's Certifying Official	Berg 209	5555
Workforce Development		719-589-7028
Writing Center	Library 304	5467

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

Service	Room	Extension
Instruction	134	7131
Admissions	129	7026
Advising - CTE	128	7025
Advising – Arts & Sciences	160	7084
Adult Basic Ed. (GED)	247	7058
Affirmative Action	160	7022
Accuplacer Testing	209	7088
Associate Dean of Instruction	134	7131
Associate Dean of Students	167	7050
Business Office	160	7027
Bookstore	148	7029
Continuing Education	150	7131
Financial Aid	128	7024
GED Testing	160	7060
Identification Cards	158	7085
Job Placement	158	7067
GED Program Front Desk	247	7135
Maintenance	229	7040
Nursing	106	7077
President	158	7081
Recruiter	128	7083
Special Populations/Disabilities	158	7067
Student Success Center	209	7088
SSC/Intervention	209	7087
Student Life	128	7086
S.T.E.M. Academic Coach	209	7035
Transcripts	128	7026
TRiO – Retention Specialist	209	7031
TRiO – Activities/Transf. Coordinator	209	7063
Senior Administration	160	7081
Tutoring	212	7088
Veterans' Certifying Official	128	7024
Workforce Development		7028





History and Mission...

HISTORY

Trinidad State Junior College, the oldest two-year college in Colorado, offers the academic and vocational programs. Our faculty and staff provide the personalized attention with a student to faculty ratio of 15 to 1. The Higher Learning Commission of the North Central Association of Colleges and Schools has accredited TSJC's Trinidad campus since 1962. Trinidad State Junior College grants Associate of Arts degrees, Associate of Science degrees, Associate of General Studies degrees, Associate of Applied Science degrees, and Certificates of Completion.

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, Trinidad State Junior College became a member of the Community Colleges of Colorado System. The College is governed by the Colorado State Board for Community Colleges and Occupational Education. The College Advisory Council, composed of seven members, is 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 year 2013 marks the eighty-eight anniversary of educational excellence for TSJC. The College has grown from its enrollment of thirty-seven students in 1926 to its present headcount 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, and New Mexico mesas and a well-known landmark, Fisher's Peak, to the south.

The City of Trinidad 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.

Trinidadstate.edu

The Trinidad campus prides itself in being large enough to offer a wide selection of programs in the academic transfer and career and technical 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.

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 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.

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, lies 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 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.

HISTORY AND MISSION

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.

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
1(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:

The TSJC Nursing Program is approved by the Colorado State Board for Nursing. <http://www.dora.state.co.us/nursing/>

The Early Childhood Program is accredited by NAYEC
National Association for the Education of Young Children
<http://www.naeyc.org/accreditation>

The Emergency Medical Technician Program is governed by the National Registry of Emergency Medical Technicians
Rocco V. Morando Building
6610 Busch Blvd.,
P.O. Box 29233
Columbus, Ohio 43229
And
Colorado Department of Public Health & Environment HFEMS-A2
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: (303) 692-2980
Fax: (303) 691-7720

The Certified Nursing Assistant program is governed by
Colorado Department of Public Health & Environment
HFEMS-A2
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: (303) 692-2980
Fax: (303) 691-7720

The Cosmetology program is governed by
Office of Barber and Cosmetology Licensure Department of Regulatory Agencies Board of Nursing
1560 Broadway, Suite 1350,
Denver, CO 80202
Phone: (303) 894-2430
Fax: (303) 894-2821

The Massage Therapy program is governed by
Office of Massage Therapist Registration Department
Regulatory Agencies Board of Nursing
1560 Broadway, Suite 1350,
Denver, CO 80202
Phone: (303) 894-2430
Fax: (303) 894-2821

Additionally Trinidad State Junior College holds memberships in the American Association of Community Colleges and other educational and professional organizations.

MISSION STATEMENT

Trinidad State Junior College enriches the academic, technical, and cultural life of our diverse community. We are committed to offering traditional and alternative approaches to education, providing quality instruction, and promoting lifelong learning.

TSJC VISION STATEMENT

Trinidad State Junior College will continue to be an active partner in building and maintaining academic excellence and economic vitality in the region it serves. This will be accomplished through:

- Student Access
- Student Success
- Operational Excellence
- Community Relationships

TRINIDAD STATE JUNIOR COLLEGE OBJECTIVES

- provide opportunities to acquire essential skills of communication, understanding of the major fields of human experiences and achievement, to develop independent critical judgments, and to recognize and solve problems
- provide guidance to enable each student to discover his/her aptitudes and to assist him/her in the choice of a vocation
- provide educational opportunities for students who have not made a decision concerning their career choices
- provide opportunities to acquire or renew basic skills necessary for future success in certificate and degree programs
- provide opportunities for students to fulfill the lower division requirements of a four-year college degree
- provide career and technical education for specific professions
- provide continuing education for members of the community through special programs, offerings and courses in academic, vocational, cultural, and recreational activities
- provide a trained workforce to meet local and regional business employment needs.

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 *Trinidadstate.edu*

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 a 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 will be addressed throughout a student's tenure at Trinidad State Junior College. Student learning in these areas will be 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 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

HISTORY AND MISSION

- 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	BS Business Management
AAS & AGS computer Information Systems	BS Information Technology
AAS & AGS computer Technologies	BS Information Technology
AAS & AGS Criminal Justice	BS Organizational Leadership
AAS & AGS Criminal Justice	BS Public Management
AAS & AGS Early Childhood	BS Applied Social Science
AAS & AGS Graphic Design	BS Business Management
AAS & AGS Massage Therapy	BS Business Management
AAS & AGS Occupational Safety & Health	BS Business Management

NEW MEXICO HIGHLANDS UNIVERSITY

AS Natural Resources	BS Forestry
AS Geology	BS Geology
AA Business Administration	Bachelor of Business Administration <i>With Concentration in Accounting</i>
AA Business Administration	Bachelor of Business Administration <i>With Concentration in Marketing</i>
AA Business Administration	Bachelor of Business Administration <i>With Concentration in Management</i>
AA Business Administration	Bachelor of Business Administration <i>With Concentration in Finance</i>

NURSING AGREEMENTS

UNIVERSITY OF COLORADO AT COLORADO SPRINGS

ADN/RN Associate Degree of Nursing	BS in Nursing
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ADAMS STATE UNIVERSITY

AND/RN Associate Degree of Nursing	BS in Nursing
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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.

For Financial Aid, federal laws require that post-secondary students must have the ability-to-benefit from instruction. Whether a student is deemed to have the ability-to-benefit from a course of study is determined by whether the student has earned a high school diploma or GED. The student will be required to show proof of a high school diploma or GED at the time of registration.

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/financialaid/scholarshipinformation.html>. The deadline for scholarships is the first Friday of March every year.

3. Meet the Academic Placement Requirements

Accuplacer - to assess your current academic skill levels in reading, math, and English for placement in classes. Please note: you must bring a photo ID and your student ID number (S#). For hours, study guides, and more information visit <http://www.trinidadstate.edu/index.php/students/testingservices/accuplacer> information

****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 5 years), ACT scores of English 18, Math 23, and Reading 17, or SAT scores of English 440, Reading 430, and Math 460
- You have a Bachelor's degree and received at least a C in English and Math

Admissions

- You are taking TSJC courses for personal interest and are not interested in pursuing a degree or certificate.

Please bring a copy of unofficial transcripts or ACT, SAT, previous Accuplacer scores and/or unofficial transcripts from previous colleges when you meet with an Academic Advisor.

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

- Arts and Sciences advising; only drop-in advising is available.
- Career and Technical advising; make an appointment or come in for drop-in advising (In August & January only drop-in advising is available).

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/higherone-activate.html>.

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/bookstore.htm>.

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

Learning Center – free tutoring: (719) 846-5664
Writing Center: (719) 846-5467
Student Success Center Trinidad: (719) 846-5470
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 Berg 201 or Student Services Room 160 on 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

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www.collegeincolorado.org has an excellent website with 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 vocational and academic studies. Any student who desires assistance of any type should inquire in Berg Administration Building, Room 201 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.

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 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 LEGAL AND DISCIPLINARY 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.

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 vocational student, you may not take more than 28 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.ccs.edu/Docs/EdServices/Credit-for-Prior-Learning-Handbook.pdf

Transfer of credit for vocational 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 vocational 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 withdraw 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. Basic skills 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 to 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 -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 post-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 (ESL) 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;
- 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 ADVISEMENT

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. Student learns 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.

Students are assigned to an advisor who monitors the students' progress and assist students with information concerning their major emphasis, graduation requirements, employment trends, and job placement. Advisors assist in course selection with relation to degree requirements, course prerequisites and other academic matters. **Ultimately, it is the responsibility of the student to maintain normal progress, to select the proper courses, and to meet all of the graduation requirements.**

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.

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@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, in the student newspaper, 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 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 dorm assistants and resident hall assistants. Students living in the dorms 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.html>.

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 in 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 Berg Building, Room 210. In the Valley the office is located in the in Room 158. Call 719-589-7035.

- 1 Complete the Application for Admission and submit it to the Student Services Offices in Berg 201 or at the Student Services Office on the Valley Campus Room 160 or go to www.trinidadstate.edu to apply online.

2. Take the computerized Accuplacer course placement test in the Woods Student Success Center (Library 207-Trinidad Campus) or in the Learning Resource Center on the Valley Campus, located in the new Student Success Center, Room 212. You may be exempt from the assessment if you can document at least one exemption criterion (listed on page 14 "Assessment Testing").
3. Participate in advising before registering for classes. Contact the staff in Advising, Berg 201, or Student Services Office on the Valley Campus Room 160, for assistance. Teaching faculty and other advisors will be available to discuss assessment scores; answer questions about classes and programs; review past, current, and proposed coursework; provide guidance in educational planning; and help with academic and related problems.

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, 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.

STUDENT CLASSIFICATION

Students are classified by academic year, admission status and residency according to the following definitions:

RESIDENCY

You will be classified as either a resident or as a nonresident of Colorado for tuition purposes. See a staff person in the Student Services Office, Berg 201, or Student Services Office Room 160 on the Valley Campus for definitions and details.

OUT-OF-STATE STUDENT

Trinidad State Junior College welcomes applications from out-of-state students. All of the applicant's credentials should be on file in the Admissions Office no later than August 15 for the fall semester. Credentials for spring semester applicants should be on file two weeks prior to enrollment.

INTERNATIONAL STUDENT

Trinidad State Junior College is authorized under Federal Law to enroll nonimmigrant alien students. International students seeking admission to Trinidad State Junior College should submit an Application for Admission and an English translated transcript-indicating graduation from a high school that is equivalent to the twelfth grade in the United States. English proficiency is a requirement for admission to college-level courses at Trinidad State Junior College. Please see above referenced section for application requirements for international students.

READMISSION

(Former Students): Any students who have previously attended Trinidad State Junior College and who are returning after an absence of one 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

Admissions

- 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.

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.

In addition to TRiO, TSJC offers additional academic support for students including:

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 719-589-7058.

Library

The Samuel Freudenthal Memorial Library serves the 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>. 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 library has a computer lab with workstations that provide internet, e-mail, and word processing capabilities for registered students. Wireless internet is also available for registered students in the library. The library also has four computers that are open to the public for their use. There are also several research databases available via the Internet for students including SIRS Researcher; CINAHL, Reference USA, Learning Express and EbscoHost. The library also 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. The library also participates in borrowing items through interlibrary loan.

Library services are also available for Trinidad State Junior College Valley Campus students through the Community Library Account agreement with the Nielson Library at Adams State College. 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 College 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 719-589-7088 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 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.

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 come 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.



Financial Matters...

APPLICATION FOR FINANCIAL AID

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.

- 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. 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, if necessary, 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

Financial Matters

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, 2013 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.
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.

FOR EXAMPLE

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 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 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 a warning 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 probation:

- If they fail to successfully complete at least 67% of the total attempted hours
- If they earn a term GPA below 2.0 and/or
- If they have attempted less than 110% of the maximum allowable credit hours for their current program.

Students are eligible for payment of aid during the probation 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. Students placed on probation under number 3 above will remain on probation until they attempt more than 150% of the credit hours required for graduation under their program of study. Students will be placed on a warning status for financial aid at that time and be ineligible for financial aid the following semester if they do not complete their program of study.

All financial aid recipients will be ineligible for financial aid consideration for two enrolled terms 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.

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:

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

Pell Funds to be returned to the Department of Education by the institution.....\$530.13

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.

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, Honor, Athletic (male and female), and TSJC Invitational Basketball Tournament 'Parade of Princess'. 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.

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 \$2,400 during the two-semester college year. Through this program students may work up to 15 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.

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.

- **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 15 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. Student must find a job on their own. A work-study employment booklet is available in the Financial Aid Office.

EMPLOYMENT

- **Federal Work-study Program (FWS)** The purpose of this program is to provide a means through employment, whereby an eligible student can earn

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



Academic Matters...

Full-Time and Part-Time Enrollment

A student who registers for 12.0 or more credit hours within a semester is a full-time student. 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 vocational/occupational 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	Credit	Grade	Quality		
	Earned	Hours	Points	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	

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
	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. 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.

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.

Academic Matters

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 Instructional 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 Instructional 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 Instructional 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 Chief Academic Affairs Officer.
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 President of the Student Government or designee.
 - D. 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 Chief Academic Affairs Officer within seven (7) working days.

In the event of an appeal, the Chief Academic Officer 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 CAO or designee will draft a response memorandum (also shared with all parties).

All appeals and responses are forwarded to the CAO 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.

If the CAO 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 CAO 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 CAO 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 CAO, 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 rehearings of the complaint (de novo). In most cases, appeals are confined to a review of the written documentation or record of the original hearing, and pertinent documentation regarding the grounds for appeal;
- An appeal is not an opportunity for a Scholastic Standards committee to substitute their judgment for that of the CAO or designee merely because they disagree with its finding and/or sanctions.
- Appeals decisions are to be deferential to the original decision, making changes to the findings only where there is clear error and a compelling justification to do so.
- Sanctions imposed are implemented immediately unless the CAO 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.

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 thirteen (13) or more credits in residence while attending a Colorado Community College System college.
2. During the student's first 12 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 for the next 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.
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. 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.

Academic Matters

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 unless a suspension appeal is approved.
9. Summer semester will count as a term of non-enrollment when a student sits out due to suspension.

Attendance Policy

The Instructor is encouraged to take roll at the beginning of every class period. The Student is expected to attend all announced class periods, including, but not limited to the first day of class and the last day of class for any semester. The Student should be in his or her seat by the previously announced time the class period begins, attend the entire class period and not leave the room until dismissed by the Instructor. Absence, for any reason, does not relieve the Student of the responsibility of completing all of the work for the course to the satisfaction of the Instructor.

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 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, or

check out the TSJC Catalog.

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.

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

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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. Complete and submit and 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 103 or Valley Campus Student Services Office, prior to the following Graduation Application Deadlines to be eligible to participate in the graduation ceremony:

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.

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. Individual colleges may choose to designate a minimum number of credits to be earned in residence at the college 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

Approved by ESC on 2/26/06

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/gainful-employment.html>. 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@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. **(A complete list of AA and AS Degree Transfer Emphasis can be found on page38.)**

FULL-TIME AND PART-TIME ENROLLEMENT 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.

CLASSIFICATION

In order to be classified as a sophomore, a student must have completed a minimum of two college semesters and have earned 30 or more semester hours of credit.

DROPPING 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 of the

individual course syllabus.

What's the difference between "drop" and "withdraw?" If a student drops a class before the census date, he or she will receive a tuition refund and they will not lose College Opportunity Fund credits. Students can withdraw between the census and withdrawal dates. It will not affect a student's grade point average. However, student will not get a refund and they will lose COF credit.

It is the student's responsibility to drop or withdraw from classes if they stop attending. Students can go to the Student Services Office on either campus to drop or withdraw from a class.

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 withdraws during the last 20% of the class, a regular grade will be assigned that does not count in computing grade point averages. Requests for exception to this procedure may be made to the appropriate dean.

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 withdraw through the Student Services Office and apply for the refund by presenting the completed documents to the Business Office. There will be no refund if the student withdraws after the class census date.

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 an automatic refund of tuition.

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 Chief Academic Officer 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. All courses that have 75 percent or more of the delivery through one or more media are called distance. TSJC offers a number of methods of alternative delivery including;

- Online there are 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 are two-way video/audio and include 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.trinidadstate.edu/ccconline.

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/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. TSJC is one of the few community colleges in Colorado with a completely wireless campus, both in Trinidad and Alamosa.



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 at its base.

AREAS OF ACADEMIC TRANSFER EMPHASIS FOR AA AND AS

AREA OF STUDY	ASSOCIATE OF ARTS	ASSOCIATE OF SCIENCE	DEGREE OF DESIGNATION
Art	•		
Biology		•	
Business Administration	•		•
Chemistry		•	
Communication	•		
Criminal Justice	•		
Early Childhood Education	•		
Economics	•		•
Elementary Education	•		
English	•		
General Exercise Science	•		
Geography	•		
Geology		•	
History	•		•
Liberal Arts	•	•	
Mathematics		•	•
Music	•		
Natural Resources		•	
Philosophy	•		
Physics		•	
Pre-Dentistry		•	
Pre-Engineering		•	
Pre-Medical		•	
Pre-Pharmacy		•	
Pre-Physical Therapy		•	
Pre-Veterinary		•	
Psychology	•	•	•
Sociology	•		•
Theater	•		

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.

Trinidadstate.edu

The Associate of General Studies degree program requires a minimum of 32 semester hours of general education courses including 25 of these semester hours in prescribed general education courses. No more than 22 semester hours of course work may be taken in Career and Technical Education courses.

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.

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	•			•
Medical Transcription Mini-Certificate		•		•
Agriculture Business Management				
Agriculture/Business Planning & Financial Records		•	•	
Agriculture/Business Financial Analysis		•	•	
Advanced Agriculture/Business Management		•	•	
Agriculture Marketing & Risk Management		•	•	
Emphasis on Marketing & Risk Management		•	•	
Agribusiness/Agriculture Technology	•			•
Agriculture Technology Certificate		•		•
Animas Science Certificate		•		•
Crop Science Certificate		•		•
Natural Resources Certificate		•		•
Aquaculture	•			•
Aquaculture Certificate		•		•
Automotive Service Technology	•		•	•
Business Management	•		•	•
Business Management Certificate		•	•	•
Small Business Management & Leadership		•	•	•
Business Finance & Communications		•	•	•
Team Leadership		•	•	•
Computer Technologies		•		•
Computer Networking Certificate		•		•
A+ Certification Test Preparation		•		•
Network + Certification Test Preparation		•		•
Server + Certification Test Preparation		•		•
Security + Certification Test Preparation		•		•
Construction Technology	•			•
Construction Certificate		•		•
Construction Certificate		•		•
Cosmetology		•	•	•
Barber 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	•		•	•
CDA Training Certificate Option 1		•	•	•
CDA Training Certificate Option 2		•	•	•
Group Leader Certificate Primary Certificate		•	•	•
Infant/Toddler Supervisor Certificate		•	•	•
Director of Education Certificate		•	•	•
EMT Basic Certificate		•	•	•
EMT Intermediate Certificate		•	•	•
Emergency Medical Services	•		•	•
Fine Woodworking	•		•	•
Fine Woodworking for Certificate	•		•	•
Fine Woodworking for Mini - Certificate		•		•
Heavy Equipment – EPIC	•		•	
Heavy Equipment Certificate		•	•	
Graphic Design	•		•	•
Graphic Design Certificate		•	•	•
Web Design Certificate		•	•	•
Gunsmithing	•		•	
Gunsmithing Certificate		•	•	
Gunsmithing Technician Certificate		•	•	
Line Technician - Southern Colorado	•		•	
Line Technician - Rocky Mountain in Colorado Springs, CO	•			
Southern Colorado Line Technician Certificate		•		
Power Construction Supervision	•	•	•	
Manufacturing Technology		•	•	•
Mini-CNC Machining Certificate		•	•	•
Mini Manual Machining Certificate		•	•	•
Holistic Health and Massage Therapy	•	•	•	•
Nursing	•		•	•
Nurse Aide Certificate		•	•	•
Occupational Safety & Health	•		•	•
Occupational Safety & Health Certificate		•	•	•
Office Technologies	•		•	•
Office Technologies Certificate		•	•	•
Office Basic Mini - Certificate		•	•	•
Basic Job Skills Mini - Certificate		•	•	•
Accounting Clerk Mini - Certificate		•	•	•
Welding Technology – EPIC	•		•	•
Welding Certificate		•	•	•

TIME LIMITATIONS ON CREDIT EARNED TOWARD AN ASSOCIATE DEGREE OR CERTIFICATE

Courses completed within the preceding ten (10) years 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

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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

Areas of Study

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.

COLLEGE ACTIVITIES

All students are invited to participate in a number of both formal and informal social and informative activities. Programs begin with orientation and welcoming events at the beginning of the school year and continue with annual activities. College activities include basketball, baseball, volleyball, softball, intramurals, instrumental and choral music, and theatre on the Trinidad campus. The College newspaper, the *Trojan Tribune*, is published and distributed throughout the year on the Trinidad Campus. The Valley Campus paper the *Prospecter*, is also published and distributed throughout the year.





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 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, *Trinidadstate.edu*

Additional Student Information

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 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

Additional items for student athletes include height & weight

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.

Additional Student Information

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.trinidadate.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.

CLUBS AND ORGANIZATIONS

TSJC students are invited and encouraged to join a club or organization of their choice. All clubs have open membership to full and part-time students. To find out more about campus organizations, visit the Office of Student Life located in the Sullivan Student Center.

Club-sponsored activities, on or off campus, must be registered and cleared through the Office of Student Life. Clubs and Organizations are encouraged to do fundraising or sponsorship for activities. The Student Government Association entertains request for funds, but approval is not guaranteed.

Current clubs and organizations at TSJC include:

HONOR SOCIETIES

Beta Beta Beta Biological Honor Society
Phi Theta Kappa International Honor Society
Sigma Kappa Delta

HONOR SOCIETIES CONTINUED

Psi Beta Psychology Honor Society
Phi Beta Lambda Business Honor Society

EXTRA-CURRICULAR CLUBS

Student Senate
Student Government (SGA)

CO-CURRICULAR CLUBS

Southern Colorado Choral Society
Gun Club
Nursing Club
Cosmetology Club
Massage Therapy Club

*** All programs/departments are encouraged to organize their own club.**

SPECIAL INTEREST ORGANIZATIONS

Band of Brothers and Sisters (Christian Club)
Student Ambassadors

SPECIAL INTEREST ORGANIZATIONS

Louden-Henritze Archaeology Museum
TSJC Coalition to Prevent Underage Drinking/ Tobacco/
Suicide prevention

INTERCOLLEGIATE ATHLETICS

The athletic program at Trinidad State Junior College, a member of NJCAA (National Junior College Athletic Association), is designed to be a vital and integrated part of the student's educational experience. By participating in intercollegiate athletics, the students can develop a sense of fair play, cooperation, responsibility, self-discipline, and leadership. College-sponsored athletic programs also help to establish TSJC's identity in the community and to bring regional and national recognition to the College. The emphasis of the program is clearly on success as a student first and success as an athlete second. Currently, competitive sports at TSJC include:

Men's Basketball	Women's Basketball
Men's Baseball	Women's Softball
Men's Golf	Women's Volleyball
Men's Soccer	Women's Soccer

The athletic program at TSJC exists for the purpose of furthering the physical development and educational aspirations of student athletes. For more information about athletic programs at TSJC, contact the Athletic Director at 719-846-5519.



Associate of Arts

Art	Geography
Business Administration	History
Communication	Liberal Arts
Criminal Justice	Music
Early Childhood Education	Philosophy
Economics	Psychology
Elementary Education	Sociology
English	Theater
General Exercise Science	

Associate of Arts Degree (AA)

Program: Art

GRADUATION REQUIREMENTS

General Education 38¹
Major Requirements 22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication		9 credit hrs.	Mathematics		3 credit hrs. minimum
ENG 121	English Composition I	3	MAT120	Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3
COM 125	Interpersonal Communication	3	MAT 166	Pre-Calculus	5
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences		8 - 10 credit hrs.	Social & Behavioral Sciences		9 credit hrs.
			The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201	U.S. History I	3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	ECO 201	Principles of Macroeconomics	3
BIO 204	Microbiology	4	ECO 202	Principles of Microeconomics	3
BIO 220	General Zoology	5	POS 105	Introduction to Political Science	3
BIO 221	Botany	5	POS 111	American Government	3
CHE 101	Introduction to Chemistry I	5	POS 205	International Relations	3
CHE 102	Introduction to Chemistry II	5	Geography:		
CHE 111	General College Chemistry I	5	GEO 105	World Regional Geography	3
CHE 112	General College Chemistry II	5	Human Behavior and Social Systems:		
GEY 111	Physical Geology	4	ANT 101	Cultural Anthropology	3
GEY 121	Historical Geology	4	ANT 111	Physical Anthropology	3
PHY 105	Conceptual Physics	4	PSY 101	General Psychology I	3
PHY 111	Physics: Algebra-Based I	5	PSY 102	General Psychology II	3
PHY 112	Physics: Algebra-Based II	5	PSY 235	Human Growth and Development	3
PHY 211	Physics: Calculus-Based I	5	PSY 238	Child Development	3
PHY 212	Physics: Calculus-Based II	5	PSY 249	Abnormal Psychology	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			SOC 101	Introduction to Sociology	3
			SOC 102	Introduction to Sociology II	3

continued on next page

Associate of Arts Degree (AA) in Art continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	PHI 111 Introduction to Philosophy 3	
SPA 211 Spanish Language III 3	PHI 112 Ethics 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
ART 121 Drawing I 3	ART 211 Painting I 3	
ART 122 Drawing II 3	ART 212 Painting II 3	
ART 123 Watercolor 3	ART 138 Photography I 3	
ART 154 Sculpture I 3	ART 139 Photography II 3	
ART 161 Ceramics I 3	ART 140 Color Photography I 3	



Associate of Arts Degree (AA)
Program: Business Administration

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication		9 credit hrs.	Mathematics		3 credit hrs. minimum
ENG 121	English Composition I	3	<i>MAT 121</i>	<i>College Algebra</i>	4
ENG 122	English Composition II	3	MAT 135	Intro to Statistics	3
COM 115	Public Speaking	3	<i>MAT 125</i>	<i>Survey of Calculus</i>	4
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences		8 - 10 credit hrs.	Social & Behavioral Sciences		credit hrs. 9
			The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201	U.S. History I	3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	<i>ECO 201</i>	<i>Principles of Macroeconomics</i>	3
BIO 204	Microbiology	4	<i>ECO 202</i>	<i>Principles of Microeconomics</i>	3
BIO 220	General Zoology	5	POS 105	Introduction to Political Science	3
BIO 221	Botany	5	POS 111	American Government	3
CHE 101	Introduction to Chemistry I	5	Geography:		
CHE 102	Introduction to Chemistry II	5	GEO 105	World Regional Geography	3
CHE 111	General College Chemistry I	5	Human Behavior and Social Systems:		
CHE 112	General College Chemistry II	5	ANT 101	Cultural Anthropology	3
GEY 111	Physical Geology	4	ANT 111	Physical Anthropology	3
GEY 121	Historical Geology	4	PSY 101	General Psychology I	3
PHY 105	Conceptual Physics	4	PSY 102	General Psychology II	3
PHY 111	Physics: Algebra-Based I	5	PSY 235	Human Growth and Development	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			
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>					

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Associate of Arts Degree (AA) in Business Administration continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	PHI 111 Introduction to Philosophy 3	
SPA 211 Spanish Language III 3	PHI 112 Ethics 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	

Prerequisites & Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
Prerequisites	Electives	
BTE 100 Touch Keyboarding 3	ACC 121 Principles of Accounting I 4	
BTE 102 Basic Keyboarding Applications 3	ACC 122 Principles of Accounting II 4	
Not required if taken in high school	BUS 115 Introduction to Business 3	
	BUS 226 Business Statistics 3	
	BUS 216 Legal Environment of Business 3	
	BUS 217 Bus. Communication & Report Writ. 3	
	CIS 118 Introduction to PC Applications 3	



Associate of Arts Degree (AA)

Program: Communication

GRADUATION REQUIREMENTS

General Education 38¹
 Major Requirements 22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication		9 credit hrs.	Mathematics		3 credit hrs. minimum
ENG 121	English Composition I	3	MAT 120	Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3
COM 125	Interpersonal Communication	3	MAT 166	Pre-Calculus	5
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences			Social & Behavioral Sciences		
8 - 10 credit hrs.			9 credit hrs.		
			The credits must be from two different disciplines		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201	U.S. History I	3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	ECO 201	Principles of Macroeconomics	3
BIO 204	Microbiology	4	ECO 202	Principles of Microeconomics	3
BIO 220	General Zoology	5	POS 105	Introduction to Political Science	3
BIO 221	Botany	5	POS 111	American Government	3
CHE 101	Introduction to Chemistry I	5	POS 205	International Relations	3
CHE 102	Introduction to Chemistry II	5	Geography:		
CHE 111	General College Chemistry I	5	GEO 105	World Regional Geography	3
CHE 112	General College Chemistry II	5	Human Behavior and Social Systems:		
GEY 111	Physical Geology	4	ANT 101	Cultural Anthropology	3
GEY 121	Historical Geology	4	ANT 111	Physical Anthropology	3
PHY 105	Conceptual Physics	4	PSY 101	General Psychology I	3
PHY 111	Physics: Algebra-Based I	5	PSY 102	General Psychology II	3
PHY 112	Physics: Algebra-Based II	5	PSY 235	Human Growth and Development	3
PHY 211	Physics: Calculus-Based I	5	PSY 238	Child Development	3
PHY 212	Physics: Calculus-Based II	5	PSY 249	Abnormal Psychology	3
The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111			SOC 101	Introduction to Sociology	3
			SOC 102	Introduction to Sociology II	3

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Associate of Arts Degree (AA) in Communication continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
<i>COM 115</i>	<i>Public Speaking 3</i>	<i>COM 217</i>
<i>COM 125</i>	<i>Interpersonal Communication 3</i>	<i>COM 220</i>
		<i>Group Communication 3</i>
		<i>Intercultural Communication 3</i>



Associate of Arts Degree (AA)

Program: Criminal Justice

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 <i>Intro to Statistics</i>	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 105 Chemistry in Context	5		
CHE 111 General College Chemistry I	5	Geography:	
CHE 112 General College Chemistry II	5	GEO 105 World Regional Geography	3
GEY 111 Physical Geology	4		
GEY 121 Historical Geology	4	Human Behavior and Social Systems:	
PHY 105 Conceptual Physics	4	ANT 101 Cultural Anthropology	3
PHY 111 Physics: Algebra-Based I	5	ANT 111 Physical Anthropology	3
PHY 112 Physics: Algebra-Based II	5	PSY 101 General Psychology I	3
PHY 211 Physics: Calculus-Based I	5	PSY 102 General Psychology II	3
PHY 212 Physics: Calculus-Based II	5	PSY 235 Human Growth and Development	3
		PSY 149 Abnormal Psychology	3
		SOC 101 <i>Introduction to Sociology</i>	3
		SOC 102 Introduction to Sociology II	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in Criminal Justice continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	PHI 111 Introduction to Philosophy 3	
SPA 211 Spanish Language III 3	PHI 112 Ethics 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CRJ 110 Introduction to Criminal Justice 3	CRJ 145 Correctional Process 3	
CRJ 111 Substantive Criminal Law 3	CRJ 210 Constitutional Law 3	
CRJ 112 Procedural Criminal Law 3	CRJ 220 Human Relations & Social Conflict 3	
CRJ 125 Law Enforcement Process 3	CRJ 230 Criminology 3	
CRJ 135 Judicial Functions 3		



Associate of Arts Degree (AA)
Program: Early Childhood Education

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication		9 credit hrs.	Mathematics		3 credit hrs. minimum
ENG 121	English Composition I	3	MAT 120	Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3	MAT 122	College Trigonometry	3
			MAT 135	Intro to Statistics	3
			MAT 155	Integrated Math I	3
			MAT 156	Integrated Math II	3
			MAT 166	Pre-Calculus	5
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences		8 - 10 credit hrs.	Social & Behavioral Sciences		9 credit hrs.
			The credits must be from three different disciplines		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201 U.S. History I		3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	ECO 201	Principles of Macroeconomics	3
BIO 204	Microbiology	4	ECO 202	Principles of Microeconomics	3
CHE 102	Introduction to Chemistry II	5	POS 105	Introduction to Political Science	3
CHE 105	Chemistry in Context	5	POS 111 American Government		3
CHE 111	General College Chemistry I	5	Geography:		
CHE 112	General College Chemistry II	5	GEO 105 World Regional Geography		3
SCI 155	Integrated Science I	4	GEO 106	Human Geography	3
SCI 156	Integrated Science II	4	Human Behavior and Social Systems:		
GEY 111	Physical Geology	4	ANT 101	Cultural Anthropology	3
GEY 121	Historical Geology	4	ANT 111	Physical Anthropology	3
PHY 105	Conceptual Physics	4	PSY 101	General Psychology I	3
PHY 111	Physics: Algebra-Based I	5	PSY 102	General Psychology II	3
PHY 112	Physics: Algebra-Based II	5	PSY 235	Human Growth and Development	3
PHY 211	Physics: Calculus-Based I	5	PSY 238	Child Development	3
PHY 212	Physics: Calculus-Based II	5	SOC 101	Introduction to Sociology	3
The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111			SOC 102	Introduction to Sociology II	3

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Associate of Arts Degree (AA) in Early Childhood Education continued

Arts & Humanities	9 credit hrs.
The credits must be from two different disciplines	
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 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 Masterpieces of Literature I 3 LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 LIT 212 Survey of American Literature II 3 Ways of Thinking: PHI 111 Introduction to Philosophy 3 PHI 112 Ethics 3 PHI 113 Logic 3

Electives	22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
<i>ECE 101 Intro. to Early Childhood Education 3</i> <i>ECE 102 Intro. to Early Childhood Lab 3</i> <i>ECE 205 Nutrition, Health, & Safety 3</i> <i>ECE 236 Child Growth/Development Lab 1</i> <i>PSY 238 Child Development 3 or</i> <i>ECE 238 Child Growth and Development 4</i>	<i>ECE 241 Human Relations for Child Develop. 3</i> <i>ECE 225 Lang. & Cognition for young child 3</i> <i>ECE 226 Creativity and the young child 3</i> <i>LIT 115 Intro. to Literature 3 or</i> <i>LIT 255 Children's Literature 3</i>



Associate of Arts Degree (AA)

Program: Economics

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	20
Total Credit Hours Required	60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. **Required classes are in bold italic type**

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two or three different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 101 Introduction to Chemistry I	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:ANT	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	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
The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111			

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Associate of Arts Degree (AA) in Economics continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives	20 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
MAT 135 Introduction to Statistics	3



Associate of Arts Degree (AA)

Program: Elementary Education

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3	MAT 155 Integrated Math I	3
		MAT 156 Integrated Math II	3
		MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4	HIS 247 Contemporary World History	3
BIO 202 Human Anatomy & Physiology II	4		
BIO 204 Microbiology	4	Economic and Political Systems:	
CHE 102 Introduction to Chemistry II	5	ECO 201 Principles of Macroeconomics	3
CHE 105 Chemistry in Context	5	ECO 202 Principles of Microeconomics	3
CHE 111 General College Chemistry I	5	POS 105 Introduction to Political Science	3
CHE 112 General College Chemistry II	5	POS 111 American Government	3
SCI 155 Integrated Science I	4		
SCI 156 Integrated Science II	4	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	3
		PSY 235 Human Growth and Development	3
		PSY 238 Child Development	3
		SOC 101 Introduction to Sociology	3
		SOC 102 Introduction to Sociology II	3
The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111			

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Associate of Arts Degree (AA) in Elementary Education continued

Arts & Humanities		9 credit hrs.	
No more than 6 credits from any one category			
Arts:		Literature & Humanities:	
<i>ART 110 Art Appreciation</i>	3	HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3	HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature	3
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I	3	Ways of Thinking:	
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy	3
SPA 211 Spanish Language III	3	PHI 112 Ethics	3
SPA 212 Spanish Language IV	3	PHI 113 Logic	3

Electives		22 Credit Hrs.	
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides-			
<i>EDU 221 Introduction to Education</i>	3	<i>CIS 118 Intro to PC Applications</i>	3
<i>EDU 188 Practicum I</i>	1	LIT 255 Children's Literature	3
<i>PSY 238 Child Development</i>	3	Other electives to be determined by transfer institution	



Associate of Arts Degree (AA)

Program: English

GRADUATION REQUIREMENTS

General Education 38¹
Major Requirements 22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication		9 credit hrs.	Mathematics		3 credit hrs. minimum
ENG 121	English Composition I	3	MAT 120	Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3
COM 125	Interpersonal Communication	3	MAT 166	Pre-Calculus	5
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences		8 - 10 credit hrs.	Social & Behavioral Sciences		9 credit hrs.
			The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201	U.S. History I	3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	ECO 201	Principles of Macroeconomics	3
BIO 204	Microbiology	4	ECO 202	Principles of Microeconomics	3
BIO 220	General Zoology	5	POS 105	Introduction to Political Science	3
BIO 221	Botany	5	POS 111	American Government	3
CHE 102	Introduction to Chemistry II	5	POS 205	International Relations	3
CHE 105	Chemistry in Context	5	Geography:		
CHE 111	General College Chemistry I	5	GEO 105	World Regional Geography	3
CHE 112	General College Chemistry II	5	Human Behavior and Social Systems:ANT		
GEY 111	Physical Geology	4	ANT 101	Cultural Anthropology	3
GEY 121	Historical Geology	4	ANT 111	Physical Anthropology	3
PHY 105	Conceptual Physics	4	PSY 101	General Psychology I	3
PHY 111	Physics: Algebra-Based I	5	PSY 102	General Psychology II	3
PHY 112	Physics: Algebra-Based II	5	PSY 235	Human Growth and Development	3
PHY 211	Physics: Calculus-Based I	5	PSY 238	Child Development	3
PHY 212	Physics: Calculus-Based II	5	PSY 249	Abnormal Psychology	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			SOC 101	Introduction to Sociology	3
			SOC 102	Introduction to Sociology II	3

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Associate of Arts Degree (AA) in English continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
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 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 Masterpieces of Literature I 3 LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 LIT 212 Survey of American Literature II 3 Ways of Thinking: PHI 111 Introduction to Philosophy 3 PHI 112 Ethics 3 PHI 113 Logic 3	

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
ENG 221 Creative Writing I 3 ENG 226 Fiction Writing 3 ENG 231 Literary Magazine 3 LIT 201 Masterpieces of Literature I 3 or LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 or	LIT 212 Survey of American Literature II 3 LIT 241 Studies of American Drama 3 THE 211 Development of Theater I 3 THE 212 Development of Theater II 3 LIT 278 Seminar: English Honors 3	



Associate of Arts Degree (AA)
Program: General Exercise Science

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

Transfer: CSU - Pueblo only

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
CHE 102 Introduction to Chemistry II	5	ECO 202 Principles of Microeconomics	3
CHE 105 Chemistry in Context	5	POS 105 Introduction to Political Science	3
CHE 111 General College Chemistry I	5	POS 111 American Government	3
CHE 112 General College Chemistry II	5	POS 205 International Relations	3
GEY 111 Physical Geology	4		
GEY 121 Historical Geology	4	Geography:	
PHY 112 Physics: Algebra-Based II	5	GEO 105 World Regional Geography	3
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5	Human Behavior and Social Systems:	
		ANT 101 Cultural Anthropology	3
<i>The prerequisites for Biology 201 is the appropriate</i>		ANT 111 Physical Anthropology	3
<i>Biology Accuplacer score, or successful completion of</i>		PSY 101 General Psychology I	3
<i>Biology 111</i>		PSY 102 General Psychology II	3
		PSY 235 Human Growth and Development	3
		SOC 101 Introduction to Sociology	3
		SOC 102 Introduction to Sociology II	3

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Associate of Arts Degree (AA) in General Exercise Science continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CIS 118 Introduction to PC Applications	3	PER 232 Care & Prevention of Athletic Injuries
PER 113 Intro to Physical Education & Sport	3	PED & PER Any courses chosen from PED and/or PER
		13



Associate of Arts Degree (AA)

Program: Geography

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 101 Introduction to Chemistry I	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	<i>GEO 105 World Regional Geography</i>	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	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
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in Geography continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3 HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3 HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3 HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	3 LIT 115 Introduction to Literature	3
MUS 121 Music History I	3 LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	3 LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	3 LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	3 LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I		
THE 212 Development of Theatre II	Ways of Thinking:	
SPA 211 Spanish Language III	3 PHI 111 Introduction to Philosophy	3
SPA 212 Spanish Language IV	3 PHI 112 Ethics	3
	3 PHI 113 Logic	3
	3 PHI 214 Philosophy of Religion	3

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
GEO 111 Physical Geography-Landforms	4	GEO 165 Human Ecology
GEO 112 Physical Geograp.-Weather & Climate	4	3



Associate of Arts Degree (AA)

Program: History

GRADUATION REQUIREMENTS

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	or	
BIO 111 General College Biology I	5	HIS 102 History of Western Civilization II	3
BIO 112 General College Biology II	5	HIS 201 U.S. History I	3
BIO 201 Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 101 Introduction to Chemistry I	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5	Geography:	
CHE 112 General College Chemistry II	5	GEO 105 World Regional Geography	3
GEY 111 Physical Geology	4	Human Behavior and Social Systems:	
GEY 121 Historical Geology	4	ANT 101 Cultural Anthropology	3
PHY 105 Conceptual Physics	4	ANT 111 Physical Anthropology	3
PHY 111 Physics: Algebra-Based I	5	PSY 101 General Psychology I	3
PHY 112 Physics: Algebra-Based II	5	PSY 102 General Psychology II	3
PHY 211 Physics: Calculus-Based I	5	PSY 235 Human Growth and Development	3
PHY 212 Physics: Calculus-Based II	5	PSY 238 Child Development	3
		PSY 249 Abnormal Psychology	3
		SOC 101 Introduction to Sociology	3
		SOC 102 Introduction to Sociology II	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in History continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
HIS 201 U.S. History to Reconstruction	3	HIS 101 Western Civilization I
HIS 202 U.S. History since the Civil War	3	HIS 102 Western Civilization II
		One additional transferrable History course
		3



Associate of Arts Degree (AA)

Program: Liberal Arts

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 101 Introduction to Chemistry I	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	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
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in Liberal Arts continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3		
THE 212 Development of Theatre II 3	Ways of Thinking:	
SPA 211 Spanish Language III 3	PHI 111 Introduction to Philosophy 3	
SPA 212 Spanish Language IV 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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

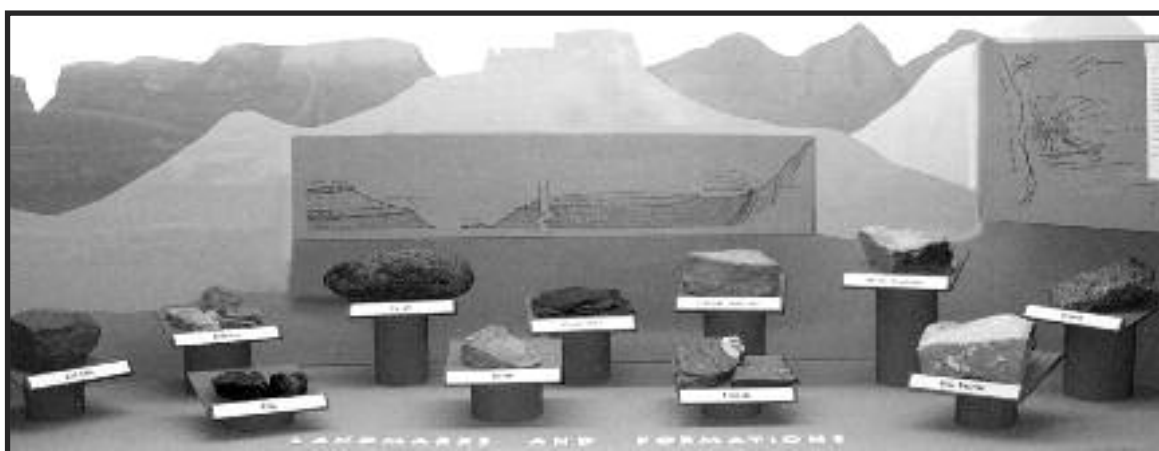
Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	MAT 121 College Algebra	4
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 102 Introduction to Chemistry II	5	POS 111 American Government	3
CHE 105 Chemistry in Context	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:ANT	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	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
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in Music continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3		
THE 212 Development of Theatre II 3		
SPA 211 Spanish Language III 3	Ways of Thinking:	
SPA 212 Spanish Language IV 3	PHI 111 Introduction to Philosophy 3	
	PHI 112 Ethics 3	
	PHI 113 Logic 3	

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
MUS 110 Music Theory I 3	MUS 153 Ensemble Groups I/II/III/IV 1 credit each	
MUS 111 Music Theory II 3	MUS 154 Ensemble Groups I/II/III/IV 1 credit each	
MUS 112 Ear Training/Sight Singing Lab I 1	MUS 210 Music Theory III 3	
MUS 113 Ear Training/Sight Singing Lab II 1	MUS 211 Music Theory IV 3	
MUS 141 Private Instruction Variable Credit	MUS 212 Adv. Ear Training/Sight Singing Lab I 1	
MUS 142 Private Instruction Variable Credit	MUS 213 Adv. Ear Training/Sight Singing Lab II 1	
MUS 143 Private Instruction Variable Credit	MUS 120 Music Appreciation 3	
MUS 144 Private Instruction Variable Credit		
MUS 151 Ensemble Groups I/II/III/IV 1 credit each		
MUS 152 Ensemble Groups I/II/III/IV 1 credit each		



Trinidad-area geology display at TSJC campus Loudon-Henritze Museum

Associate of Arts Degree (AA)

Program: Philosophy

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum		
ENG 121	English Composition I	3	MAT 120	Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3
COM 125	Interpersonal Communication	3	MAT 166	Pre-Calculus	5
			MAT 201	Calculus I	5
			MAT 202	Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.		
		The credits must be from two different disciplines			
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 105	Science of Biology	4	HIS 102	History of Western Civilization II	3
BIO 111	General College Biology I	5	HIS 201	U.S. History I	3
BIO 112	General College Biology II	5	HIS 202	U.S. History II	3
BIO 201	Human Anatomy & Physiology I	4	Economic and Political Systems:		
BIO 202	Human Anatomy & Physiology II	4	ECO 201	Principles of Macroeconomics	3
BIO 204	Microbiology	4	ECO 202	Principles of Microeconomics	3
BIO 220	General Zoology	5	POS 105	Introduction to Political Science	3
BIO 221	Botany	5	POS 111	American Government	3
CHE 101	Introduction to Chemistry I	5	POS 205	International Relations	3
CHE 102	Introduction to Chemistry II	5	Geography:		
CHE 111	General College Chemistry I	5	GEO 105	World Regional Geography	3
CHE 112	General College Chemistry II	5	Human Behavior and Social Systems:ANT		
GEY 111	Physical Geology	4	ANT 101	Cultural Anthropology	3
GEY 121	Historical Geology	4	ANT 111	Physical Anthropology	3
PHY 105	Conceptual Physics	4	PSY 101	General Psychology I	3
PHY 111	Physics: Algebra-Based I	5	PSY 102	General Psychology II	3
PHY 112	Physics: Algebra-Based II	5	PSY 235	Human Growth and Development	3
PHY 211	Physics: Calculus-Based I	5	PSY 238	Child Development	3
PHY 212	Physics: Calculus-Based II	5	PSY 249	Abnormal Psychology	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			SOC 101	Introduction to Sociology	3
			SOC 102	Introduction to Sociology II	3

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Associate of Arts Degree (AA) in Philosophy continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
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 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 Masterpieces of Literature I 3 LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 LIT 212 Survey of American Literature II 3 Ways of Thinking: <i>PHI 111 Introduction to Philosophy</i> 3 or <i>PHI 112 Ethics</i> 3 or <i>PHI 113 Logic</i> 3 or <i>PHI 114 Comparative Religions or</i> 3 or <i>PHI 214 Philosophy of Religion</i> 3	

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
<i>PHI 111 Introduction to Philosophy</i> 3 <i>PHI 112 Ethics</i> 3 <i>PHI 113 Logic</i> 3 <i>PHI 114 Comparative Religions</i> 3	<i>PHI 214 Philosophy of Religion</i> 3	



Associate of Arts Degree (AA)

Program: Psychology

GRADUATION REQUIREMENTS

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	<i>MAT 121 College Algebra</i>	<i>4</i>
COM 115 Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 102 Introduction to Chemistry II	5	POS 111 American Government	3
CHE 105 Chemistry in Context	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:ANT	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	<i>PSY 101 General Psychology I</i>	<i>3</i>
PHY 212 Physics: Calculus-Based II	5	<i>PSY 102 General Psychology II</i>	<i>3</i>
		PSY 235 Human Growth and Development	3
		SOC 101 Introduction to Sociology	3
		SOC 102 Introduction to Sociology II	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>			

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Associate of Arts Degree (AA) in Psychology continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
PSY 235 Human Growth and Development	3	PSY 249 Abnormal Psychology
PSY 238 Child Development	3	PSY 227 Psychology of Death & Dying
SOC 101 Introduction to Sociology I	3 or	SOC 102 Introduction to Sociology II
PSY 226 Social Psychology	3	CRJ 230 Criminology



Associate of Arts Degree (AA)

Program: Sociology

GRADUATION REQUIREMENTS

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. **Required classes are in bold italic type**

Communication	9 credit hrs.	Mathematics	3 credit hrs. minimum
ENG 121 English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122 English Composition II	3	<i>MAT 121 College Algebra</i>	<i>4 or</i>
COM 115 Public Speaking	3 or	<i>MAT 135 Intro to Statistics</i>	<i>3</i>
COM 125 Interpersonal Communication	3	MAT 166 Pre-Calculus	5
		MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences	8 - 10 credit hrs.	Social & Behavioral Sciences	9 credit hrs.
		The credits must be from two different disciplines	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 105 Science of Biology	4	HIS 102 History of Western Civilization II	3
BIO 111 General College Biology I	5	HIS 201 U.S. History I	3
BIO 112 General College Biology II	5	HIS 202 U.S. History II	3
BIO 201 Human Anatomy & Physiology I	4		
BIO 202 Human Anatomy & Physiology II	4	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
BIO 220 General Zoology	5	ECO 202 Principles of Microeconomics	3
BIO 221 Botany	5	POS 105 Introduction to Political Science	3
CHE 101 Introduction to Chemistry I	5	POS 111 American Government	3
CHE 102 Introduction to Chemistry II	5	POS 205 International Relations	3
CHE 111 General College Chemistry I	5		
CHE 112 General College Chemistry II	5	Geography:	
GEY 111 Physical Geology	4	GEO 105 World Regional Geography	3
GEY 121 Historical Geology	4		
PHY 105 Conceptual Physics	4	Human Behavior and Social Systems:ANT	
PHY 111 Physics: Algebra-Based I	5	ANT 101 Cultural Anthropology	3
PHY 112 Physics: Algebra-Based II	5	ANT 111 Physical Anthropology	3
PHY 211 Physics: Calculus-Based I	5	PSY 101 General Psychology I	3
PHY 212 Physics: Calculus-Based II	5	PSY 102 General Psychology II	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
<p><i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i></p>			

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Associate of Arts Degree (AA) in Sociology continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives		22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
SOC 101 Intro to Sociology I	3	3 gtPathways SOC courses
SOC 102 Intro to Sociology II	3	9



Associate of Arts Degree (AA)

Program: Theater

GRADUATION REQUIREMENTS

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication 9 credit hrs.		Mathematics 3 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 120	Mathematics for Liberal Arts 4
ENG 122	English Composition II 3	MAT 121	College Algebra 4
COM 115	Public Speaking 3 or	MAT 135	Intro to Statistics 3
COM 125	Interpersonal Communication 3	MAT 166	Pre-Calculus 5
		MAT 201	Calculus I 5
		MAT 202	Calculus II 5
Physical & Life Sciences 8 - 10 credit hrs.		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 105	Science of Biology 4	HIS 102	History of Western Civilization II 3
BIO 111	General College Biology I 5	HIS 201	U.S. History I 3
BIO 112	General College Biology II 5	HIS 202	U.S. History II 3
BIO 201	Human Anatomy & Physiology I 4	Economic and Political Systems:	
BIO 202	Human Anatomy & Physiology II 4	ECO 201	Principles of Macroeconomics 3
BIO 204	Microbiology 4	ECO 202	Principles of Microeconomics 3
BIO 220	General Zoology 5	POS 105	Introduction to Political Science 3
BIO 221	Botany 5	POS 111	American Government 3
CHE 102	Introduction to Chemistry II 5	POS 205	International Relations 3
CHE 105	Chemistry in Context 5	Geography:	
CHE 111	General College Chemistry I 5	GEO 105	World Regional Geography 3
CHE 112	General College Chemistry II 5	Human Behavior and Social Systems:	
GEY 111	Physical Geology 4	ANT 101	Cultural Anthropology 3
GEY 121	Historical Geology 4	ANT 111	Physical Anthropology 3
PHY 105	Conceptual Physics 4	PSY 101	General Psychology I 3
PHY 111	Physics: Algebra-Based I 5	PSY 102	General Psychology II 3
PHY 112	Physics: Algebra-Based II 5	PSY 235	Human Growth and Development 3
PHY 211	Physics: Calculus-Based I 5	PSY 238	Child Development 3
PHY 212	Physics: Calculus-Based II 5	PSY 249	Abnormal Psychology 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111</i>		SOC 101	Introduction to Sociology 3
		SOC 102	Introduction to Sociology II 3

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Associate of Arts Degree (AA) in Theater continued

Arts & Humanities		The credits must be from two different disciplines		9 credit hrs.
Arts:		Literature & Humanities:		
ART 110	Art Appreciation	3	HUM 121	Humanities Early Civilizations 3
ART 111	Art History I	3	HUM 122	Humanities Medieval to Modern 3
ART 112	Art History II	3	HUM 123	Humanities Modern World 3
MUS 120	Music Appreciation	3	LIT 115	Introduction to Literature 3
MUS 121	Music History I	3	LIT 201	Masterpieces of Literature I 3
MUS 122	Music History II	3	LIT 202	Masterpieces of Literature II 3
MUS 123	Survey of World Music	3	LIT 211	Survey of American Literature I 3
THE 105	Theater Appreciation	3	LIT 212	Survey of American Literature II 3
THE 211	Development of Theatre I	3		
THE 212	Development of Theatre II	3		
SPA 211	Spanish Language III	3	Ways of Thinking:	
SPA 212	Spanish Language IV	3	PHI 111	Introduction to Philosophy 3
			PHI 112	Ethics 3
			PHI 113	Logic 3

Electives		22 Credit Hrs.		
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.				
THE 111	Acting I	3	THE 213	Intermediate Acting I 3
THE 112	Acting II	3	THE 116	Technical Theatre 3
THE 246	Rehearsal/Performance I	3	THE 152	Production Stage Management 3
THE 247	Rehearsal/Performance II	3	THE 216	Theater Lighting and Design 3
THE 141	Improvisation I	3	THE 131	Theater Production I 3
THE 105	Theater Appreciation	3	THE 132	Theater Production II 3





Associate of Science

Biology	Pre-Dentistry
Chemistry	Pre-Engineering
Geology	Pre-Medical
Liberal Arts	Pre-Pharmacy
Mathematics	Pre-Physical Therapy
Natural Resources	Pre-Veterinary
Physics	Psychology

Associate of Science Degree (AS)

Program: Biology

GRADUATION REQUIREMENTS

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

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....40¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. **Required classes are in bold italic type**

Communication	9 credit hrs.	Mathematics	4 credit hrs. minimum
ENG 121 English Composition I	3	<i>MAT 121 College Algebra</i>	4
ENG 122 English Composition II	3	MAT 166 Pre-Calculus	5
COM 115 Public Speaking	3 or	MAT 201 Calculus I	5
COM 125 Interpersonal Communication	3	MAT 202 Calculus II	5
Physical & Life Sciences 12 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
<i>BIO 111 General College Biology I</i>	5	HIS 102 History of Western Civilization II	3
<i>BIO 112 General College Biology II</i>	5	HIS 201 U.S. History I	3
BIO 201 Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202 Human Anatomy & Physiology II	4		
BIO 204 Microbiology	4	Economic and Political Systems:	
CHE 111 General College Chemistry I	5	ECO 201 Principles of Macroeconomics	3
CHE 112 General College Chemistry II	5	ECO 202 Principles of Microeconomics	3
GEY 111 Physical Geology	4	POS 105 Introduction to Political Science	3
GEY 121 Historical Geology	4	POS 111 American Government	3
PHY 111 Physics: Algebra-Based I	5	POS 205 International Relations	3
PHY 112 Physics: Algebra-Based II	5		
PHY 211 Physics: Calculus-Based I	5	Geography:	
PHY 212 Physics: Calculus-Based II	5	GEO 105 World Regional Geography	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		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 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

Associate of Science Degree (AS) in Biology continued

Arts & Humanities		9 credit hrs.	
The credits must be from two different disciplines			
Arts:		Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3	HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature	3
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I	3	Ways of Thinking:	
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy	3
SPA 211 Spanish Language III	3	PHI 112 Ethics	3
SPA 212 Spanish Language IV	3	PHI 113 Logic	3
		PHI 214 Philosophy of Religion	3

Electives		20 Credit Hrs.	
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.			
CHE 111 General College Chemistry I	5	BIO 204 Microbiology	4
CHE 112 General College Chemistry II	5	BIO 228 Field Biology III	4
PHY 111 Physics Algebra -based 1	5	BIO 216 Pathophysiology	4
PHY 112 Physics Algebra-based 2	5	BIO 220 General Zoology	5
BIO 1 52 Wildlife Biology	3	BIO 221 Botany	5



Associate of Science Degree (AS)

Program: Chemistry

GRADUATION REQUIREMENTS

General Education 44¹
 Major Requirements 16

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....44¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication 9 credit hrs.		Mathematics 5 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 121	College Algebra 4
ENG 122	English Composition II 3	MAT 166	Pre-Calculus 5
COM 115	Public Speaking 3 or	MAT 201	Calculus I 5
COM 125	Interpersonal Communication 3	MAT 202	Calculus II 5
Physical & Life Sciences 15 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs. The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 111	General College Biology I 5	HIS 102	History of Western Civilization II 3
BIO 112	General College Biology II 5	HIS 201	U.S. History I 3
BIO 201	Human Anatomy & Physiology I 4	HIS 202	U.S. History II 3
BIO 202	Human Anatomy & Physiology II 4	Economic and Political Systems:	
BIO 204	Microbiology 4	ECO 201	Principles of Macroeconomics 3
CHE 111	General College Chemistry I 5	ECO 202	Principles of Microeconomics 3
CHE 112	General College Chemistry II 5	POS 105	Introduction to Political Science 3
GEY 111	Physical Geology 4	POS 111	American Government 3
GEY 121	Historical Geology 4	POS 205	International Relations 3
PHY 111	Physics: Algebra - Based I 5	Geography:	
PHY 112	Physics: Algebra - Based II 5	GEO 105	World Regional Geography 3
PHY 211	Physics: Calculus - Based I 5	Human Behavior and Social Systems:	
PHY 212	Physics: Calculus - Based II 5	ANT 101	Cultural Anthropology 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		ANT 111	Physical Anthropology 3
		PSY 101	General Psychology I 3
		PSY 102	General Psychology II 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

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Associate of Science Degree (AS) in Chemistry continued

Arts & Humanities		9 credit hrs.	
The credits must be from three different disciplines			
ARTS:	Literature & Humanities:		
ART 110 ART APPRECIATION	HUM 121 Humanities Early Civilizations	3	3
ART 111 ART HISTORY I	HUM 122 Humanities Medieval to Modern	3	3
ART 112 ART HISTORY II	HUM 123 Humanities Modern World	3	3
MUS 120 MUSIC APPRECIATION	LIT 115 Introduction to Literature	3	3
MUS 121 MUSIC HISTORY I	LIT 201 Masterpieces of Literature I	3	3
MUS 122 MUSIC HISTORY II	LIT 202 Masterpieces of Literature II	3	3
MUS 123 SURVEY OF WORLD MUSIC	LIT 211 Survey of American Literature I	3	3
THE 105 THEATER APPRECIATION	LIT 212 Survey of American Literature II	3	3
THE 211 DEVELOPMENT OF THEATRE I			
THE 212 DEVELOPMENT OF THEATRE II	Ways of Thinking:		
SPA 211 SPANISH LANGUAGE III	PHI 111 Introduction to Philosophy	3	3
SPA 212 SPANISH LANGUAGE IV	PHI 112 Ethics	3	3
	PHI 113 Logic	3	3
	PHI 214 Philosophy of Religion	3	3

Electives		16 Credit Hrs.	
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.			
MAT 202 Calculus II	PHY 211 Physics Calculus - based I	5	5
MAT 203 Calculus III	PHY 212 Physics Calculus - based II	5	5



Associate of Science Degree (AS)

Program: Geology

GRADUATION REQUIREMENTS

General Education	40 ¹
Major Requirements	21

Total Credit Hours Required 61

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....40¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication	9 credit hrs.	Mathematics	4 credit hrs. minimum
ENG 121 English Composition I	3	<i>MAT 121 College Algebra</i>	<i>4</i>
ENG 122 English Composition II	3	MAT 166 Pre-Calculus	5
COM 115 Public Speaking	3 or	MAT 201 Calculus I	5
COM 125 Interpersonal Communication	3	MAT 202 Calculus II	5
Physical & Life Sciences 8 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 111 General College Biology I	5	HIS 102 History of Western Civilization II	3
BIO 112 General College Biology II	5	HIS 201 U.S. History I	3
BIO 201 Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202 Human Anatomy & Physiology II	4		
BIO 204 Microbiology	4	Economic and Political Systems:	
BIO 220 General Zoology	5	ECO 201 Principles of Macroeconomics	3
BIO 221 Botany	5	ECO 202 Principles of Microeconomics	3
CHE 111 General College Chemistry I	5	POS 105 Introduction to Political Science	3
CHE 112 General College Chemistry II	5	POS 111 American Government	3
<i>GEY 111 Physical Geology</i>	<i>4</i>	POS 205 International Relations	3
<i>GEY 121 Historical Geology</i>	<i>4</i>		
PHY 111 Physics: Algebra-Based I	5	Geography:	
PHY 112 Physics: Algebra-Based II	5	GEO 105 World Regional Geography	3
PHY 211 Physics: Calculus-Based I	5		
PHY 212 Physics: Calculus-Based II	5	Human Behavior and Social Systems:	
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		ANT 101 Cultural Anthropology	3
		ANT 111 Physical Anthropology	3
		PSY 101 General Psychology I	3
		PSY 102 General Psychology II	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

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Associate of Science Degree (AS) in Geology continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3 HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3 HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3 HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	LIT 115 Introduction to Literature	3
MUS 121 Music History I	LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I	Ways of Thinking:	
THE 212 Development of Theatre II	PHI 111 Introduction to Philosophy	3
SPA 211 Spanish Language III	PHI 112 Ethics	3
SPA 212 Spanish Language IV	PHI 113 Logic	3
	PHI 214 Philosophy of Religion	3

Electives		21 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CHE 111 General College Chemistry I	5	GEY 135 Environmental Geology
CHE 112 General College Chemistry II	5	MAT 122 College Trigonometry
		4
		3



Associate of Science Degree (AS)

Program: Liberal Arts

GRADUATION REQUIREMENTS

General Education 40¹
Major Requirements 20

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....40¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication		9 credit hrs.	Mathematics		4 credit hrs. minimum
ENG 121	English Composition I	3	MAT 121	College Algebra	4
ENG 122	English Composition II	3	MAT 166	Pre-Calculus	5
COM 115	Public Speaking	3 or	MAT 201	Calculus I	5
COM 125	Interpersonal Communication	3	MAT 202	Calculus II	5
Physical & Life Sciences 12 credit hrs. minimum			Social & Behavioral Sciences 9 credit hrs.		
			The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 111	General College Biology I	5	HIS 102	History of Western Civilization II	3
BIO 112	General College Biology II	5	HIS 201	U.S. History I	3
BIO 201	Human Anatomy & Physiology I	4	HIS 202	U.S. History II	3
BIO 202	Human Anatomy & Physiology II	4	Economic and Political Systems:		
BIO 204	Microbiology	4	ECO 201	Principles of Macroeconomics	3
BIO 220	General Zoology	5	ECO 202	Principles of Microeconomics	3
BIO 221	Botany	5	POS 105	Introduction to Political Science	3
CHE 111	General College Chemistry I	5	POS 111	American Government	3
CHE 112	General College Chemistry II	5	POS 205	International Relations	3
GEY 111	Physical Geology	4	Geography:		
GEY 121	Historical Geology	4	GEO 105	World Regional Geography	3
PHY 111	Physics: Algebra-Based I	5	Human Behavior and Social Systems:		
PHY 112	Physics: Algebra-Based II	5	ANT 101	Cultural Anthropology	3
PHY 211	Physics: Calculus-Based I	5	ANT 111	Physical Anthropology	3
PHY 212	Physics: Calculus-Based II	5	PSY 101	General Psychology I	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>			PSY 102	General Psychology II	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

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Associate of Science Degree (AS) in Liberal Arts continued

Arts & Humanities	The credits must be from two different disciplines	6 credit hrs.
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 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 Masterpieces of Literature I 3 LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 LIT 212 Survey of American Literature II 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	20 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
All electives must be in the areas of Math and Science	



Display of Pre-historic basketry on display in TSJC campus Loudon-Henritze Museum

Associate of Science Degree (AS)

Program: Mathematics

GRADUATION REQUIREMENTS

General Education 43¹
Major Requirements 19

Total Credit Hours Required 62

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....43¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***A Sequence of Science is required. Required classes are in bold italic type.***

Communication 9 credit hrs.		Mathematics 5 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 121	College Algebra 4
ENG 122	English Composition II 3	MAT 166	Pre-Calculus 5
COM 115	Public Speaking 3 or	MAT 201	Calculus I 5
COM 125	Interpersonal Communication 3	MAT 202	Calculus II 5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 111	General College Biology I 5	HIS 102	History of Western Civilization II 3
BIO 112	General College Biology II 5	HIS 201	U.S. History I 3
BIO 201	Human Anatomy & Physiology I 4	HIS 202	U.S. History II 3
BIO 202	Human Anatomy & Physiology II 4	Economic and Political Systems:	
BIO 204	Microbiology 4	ECO 201	Principles of Macroeconomics 3
CHE 111	General College Chemistry I 5	ECO 202	Principles of Microeconomics 3
CHE 112	General College Chemistry II 5	POS 105	Introduction to Political Science 3
GEY 111	Physical Geology 4	POS 111	American Government 3
GEY 121	Historical Geology 4	POS 205	International Relations 3
PHY 111	Physics: Algebra - Based I 5	Geography:	
PHY 112	Physics: Algebra - Based II 5	GEO 105	World Regional Geography 3
PHY 211	Physics: Calculus - Based I 5	Human Behavior and Social Systems:	
PHY 212	Physics: Calculus - Based II 5	ANT 101	Cultural Anthropology 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		ANT 111	Physical Anthropology 3
		PSY 101	General Psychology I 3
		PSY 102	General Psychology II 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

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Associate of Science Degree (AS) in Mathematics continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	PHI 111 Introduction to Philosophy 3	
SPA 211 Spanish Language III 3	PHI 112 Ethics 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	
	PHI 214 Philosophy of Religion 3	

Electives		19 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CSC 160 Computer Science I 4	MAT 203 Calculus III 5	
MAT 202 Calculus II 5	MAT 266 Differential Equat w/Linear Algebra 4	



History of Santa Fe Trail travel route in TSJC campus Loudon-Henritze museum

Associate of Science Degree (AS)

Program: Natural Resources

GRADUATION REQUIREMENTS

General Education 42¹
Major Requirements 18

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....42¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication 9 credit hrs.		Mathematics 4 credit hrs. minimum	
ENG 121	English Composition I 3	<i>MAT 121</i>	<i>College Algebra 4</i>
ENG 122	English Composition II 3	<i>MAT 166</i>	<i>Pre-Calculus 5</i>
COM 115	Public Speaking 3 or	MAT 201	Calculus I 5
COM 125	Interpersonal Communication 3	MAT 202	Calculus II 5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
<i>BIO 111</i>	<i>General College Biology I 5</i>	HIS 102	History of Western Civilization II 3
<i>BIO 112</i>	<i>General College Biology II 5</i>	HIS 201	U.S. History I 3
BIO 201	Human Anatomy & Physiology I 4	HIS 202	U.S. History II 3
BIO 202	Human Anatomy & Physiology II 4	Economic and Political Systems:	
BIO 204	Microbiology 4	ECO 201	Principles of Macroeconomics 3
CHE 111	General College Chemistry I 5	<i>ECO 202</i>	<i>Principles of Microeconomics 3</i>
CHE 112	General College Chemistry II 5	POS 105	Introduction to Political Science 3
GEY 111	Physical Geology 4	POS 111	American Government 3
GEY 121	Historical Geology 4	POS 205	International Relations 3
PHY 111	Physics: Algebra - Based I 5	Geography:	
PHY 112	Physics: Algebra - Based II 5	GEO 105	World Regional Geography 3
PHY 211	Physics: Calculus - Based I 5	Human Behavior and Social Systems:	
PHY 212	Physics: Calculus - Based II 5	ANT 101	Cultural Anthropology 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		ANT 111	Physical Anthropology 3
		PSY 101	General Psychology I 3
		PSY 102	General Psychology II 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

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Associate of Science Degree (AS) in Natural Resources continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives	18 Credit Hrs.	Electives	18 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor.		Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
CHE 111 General College Chemistry I	5	BIO 228 Field Biology III	4
NRE 102 Intro to Natural Resources Manag.	3	GEY 111 Physical Geology	4
BIO 152 Wildlife Biology	3	NRE 280 Internship (40 hrs. per credit) up to 6	
BIO 222 General College Ecology	4	NRE 225 Environmental Educ. (45 hrs. field ed.)	3



Associate of Science Degree (AS)**Program: Physics****GRADUATION REQUIREMENTS**General Education 42¹

Major Requirements 18

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....42¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

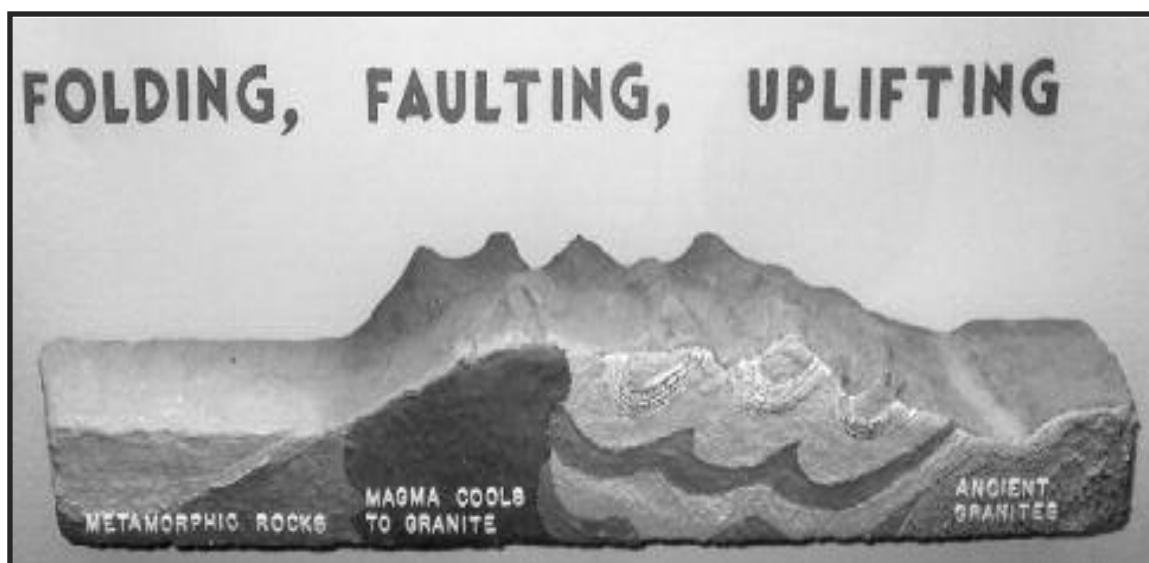
Communication		9 credit hrs.	Mathematics		5 credit hrs. minimum
ENG 121	English Composition I	3	MAT 121	College Algebra	4
ENG 122	English Composition II	3	MAT 166	Pre-Calculus	5
COM 115	Public Speaking	3 or	<i>MAT 201</i>	<i>Calculus I</i>	<i>5</i>
COM 125	Interpersonal Communication	3	MAT 202	Calculus II	5
Physical & Life Sciences 9 credit hrs. minimum			Social & Behavioral Sciences 9 credit hrs.		
			The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:		
AST 102	Astronomy II	4	HIS 101	History of Western Civilization I	3
BIO 111	General College Biology I	5	HIS 102	History of Western Civilization II	3
BIO 112	General College Biology II	5	HIS 201	U.S. History I	3
BIO 201	Human Anatomy & Physiology I	4	HIS 202	U.S. History II	3
BIO 202	Human Anatomy & Physiology II	4	Economic and Political Systems:		
BIO 204	Microbiology	4	ECO 201	Principles of Macroeconomics	3
BIO 220	General Zoology	5	ECO 202	Principles of Microeconomics	3
BIO 221	Botany	5	POS 105	Introduction to Political Science	3
<i>CHE 111</i>	<i>General College Chemistry I</i>	<i>5</i>	POS 111	American Government	3
<i>CHE 112</i>	<i>General College Chemistry II</i>	<i>5</i>	POS 205	International Relations	3
GEY 111	Physical Geology	4	Geography:		
GEY 121	Historical Geology	4	GEO 105	World Regional Geography	3
PHY 111	Physics: Algebra-Based I	5	Human Behavior and Social Systems:		
PHY 112	Physics: Algebra-Based II	5	ANT 101	Cultural Anthropology	3
PHY 211	Physics: Calculus-Based I	5	ANT 111	Physical Anthropology	3
PHY 212	Physics: Calculus-Based II	5	PSY 101	General Psychology I	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>			PSY 102	General Psychology II	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

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Associate of Science Degree (AS) in Physics continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives	18 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. All electives must be in the area of Math and Science. The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. All electives must be in the area of Math and Science.	
<i>PHY 211 Physics: Calculus-based I</i>	5
<i>PHY 212 Physics: Calculus-based II</i>	5



Geology display in Louden-Henritze museum on TSJC campus

Associate of Science Degree (AS)**Program: Pre-Dentistry****GRADUATION REQUIREMENTS**

General Education	46 ¹
Major Requirements	18

Total Credit Hours Required	66
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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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....46¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. **Required classes are in bold italic type**

Communication	9 credit hrs.	Mathematics	5 credit hrs. minimum
ENG 121 English Composition I	3	MAT 121 College Algebra	4
ENG 122 English Composition II	3	MAT 122 College Trigonometry	3
COM 115 Public Speaking	3 or	MAT 125 Survey of Calculus	4
COM 125 Interpersonal Communication	3	MAT 201 Calculus I	5
		MAT 202 Calculus II	5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 111 General College Biology I	5	HIS 102 History of Western Civilization II	3
BIO 112 General College Biology II	5	HIS 201 U.S. History I	3
BIO 201 Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202 Human Anatomy & Physiology II	4		
BIO 204 Microbiology	4	Economic and Political Systems:	
CHE 111 General College Chemistry I	5	ECO 201 Principles of Macroeconomics	3
CHE 112 General College Chemistry II	5	ECO 202 Principles of Microeconomics	3
GEY 111 Physical Geology	4	POS 105 Introduction to Political Science	3
GEY 121 Historical Geology	4	POS 111 American Government	3
PHY 111 Physics: Algebra - Based I	5	POS 205 International Relations	3
PHY 112 Physics: Algebra - Based II	5		
PHY 211 Physics: Calculus - Based I	5	Geography:	
PHY 212 Physics: Calculus - Based II	5	GEO 105 World Regional Geography	3
The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11		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 235 Human Growth and Development	3
		PSY 238 Child Development	3
		PSY 227 Psychology of Death & Dying	3
		SOC 101 Introduction to Sociology	3
		SOC 102 Introduction to Sociology II	3

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Associate of Science Degree (AS) in Pre-Dental continued

Arts & Humanities		9 credit hrs.
The credits must be from two different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3		
THE 212 Development of Theatre II 3		
SPA 211 Spanish Language III 3	Ways of Thinking:	
SPA 212 Spanish Language IV 3	PHI 111 Introduction to Philosophy 3	
	PHI 112 Ethics 3	
	PHI 113 Logic 3	
	PHI 214 Philosophy of Religion 3	

Electives		18 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CHE 111 General College Chemistry I 5	PHY 112 Physics Algebra-Based 5	
CHE 112 General College Chemistry II 5	BIO 201 Human Anatomy & Physiology I 4	
PHY 111 Physics Algebra-Based 5	BIO 202 Human Anatomy & Physiology II 4	



Associate of Science Degree (AS)**Program: Pre-Engineering****GRADUATION REQUIREMENTS**

General Education	38 ¹
Major Requirements	22

Total Credit Hours Required	60
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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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....38¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication	9 credit hrs.	Mathematics	5 credit hrs. minimum
ENG 121 English Composition I	3	MAT 121 College Algebra	4
ENG 122 English Composition II	3	MAT 166 Pre-Calculus	5
COM 115 Public Speaking	3	<i>MAT 201 Calculus I</i>	5
		MAT 202 Calculus II	5
Physical & Life Sciences 15 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs. From Social & Behavioral Science, or Arts & Humanities, or a combination of both sections.	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
BIO 111 General College Biology I	5	HIS 102 History of Western Civilization II	3
BIO 112 General College Biology II	5	HIS 201 U.S. History I	3
BIO 201 Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202 Human Anatomy & Physiology II	4		
BIO 204 Microbiology	4	Economic and Political Systems:	
<i>CHE 111 General College Chemistry I</i>	5	ECO 201 Principles of Macroeconomics	3
<i>CHE 112 General College Chemistry II</i>	5	ECO 202 Principles of Microeconomics	3
GEY 111 Physical Geology	4	POS 105 Introduction to Political Science	3
GEY 121 Historical Geology	4	POS 111 American Government	3
PHY 111 Physics: Algebra - Based I	5	POS 205 International Relations	3
PHY 112 Physics: Algebra - Based II	5		
<i>PHY 211 Physics: Calculus - Based I</i>	5	Geography:	
<i>PHY 212 Physics: Calculus - Based II</i>	5	GEO 105 World Regional Geography	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		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 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

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Associate of Science Degree (AS) in Pre-Engineering continued

Arts & Humanities				9 credit hrs.
From Social & Behavioral Science, or Arts & Humanities, or a combination of both sections.				
Arts:		Literature & Humanities:		
ART 110	Art Appreciation	3	HUM 121	Humanities Early Civilizations 3
ART 111	Art History I	3	HUM 122	Humanities Medieval to Modern 3
ART 112	Art History II	3	HUM 123	Humanities Modern World 3
MUS 120	Music Appreciation	3	LIT 115	Introduction to Literature 3
MUS 121	Music History I	3	LIT 201	Masterpieces of Literature I 3
MUS 122	Music History II	3	LIT 202	Masterpieces of Literature II 3
MUS 123	Survey of World Music	3	LIT 211	Survey of American Literature I 3
THE 105	Theater Appreciation	3	LIT 212	Survey of American Literature II 3
THE 211	Development of Theatre I	3	Ways of Thinking:	
THE 212	Development of Theatre II	3	PHI 111	Introduction to Philosophy 3
SPA 211	Spanish Language III	3	PHI 112	Ethics 3
SPA 212	Spanish Language IV	3	PHI 113	Logic 3
			PHI 214	Philosophy of Religion 3

Electives				22 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides-				
EGG 211	Engineering Mechanics I	3	MAT 261	Differential Equations w/Engin. App. 4
EGG 212	Engineering Mechanics II	3	CSC 160	Computer Science I 4
MAT 204	Calculus III w/Engin. Applications	5	MAT 202	Calculus II 5



Associate of Science Degree (AS)

Program: Pre-Medical

GRADUATION REQUIREMENTS

General Education 46¹
Major Requirements 18

Total Credit Hours Required 64

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....46¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

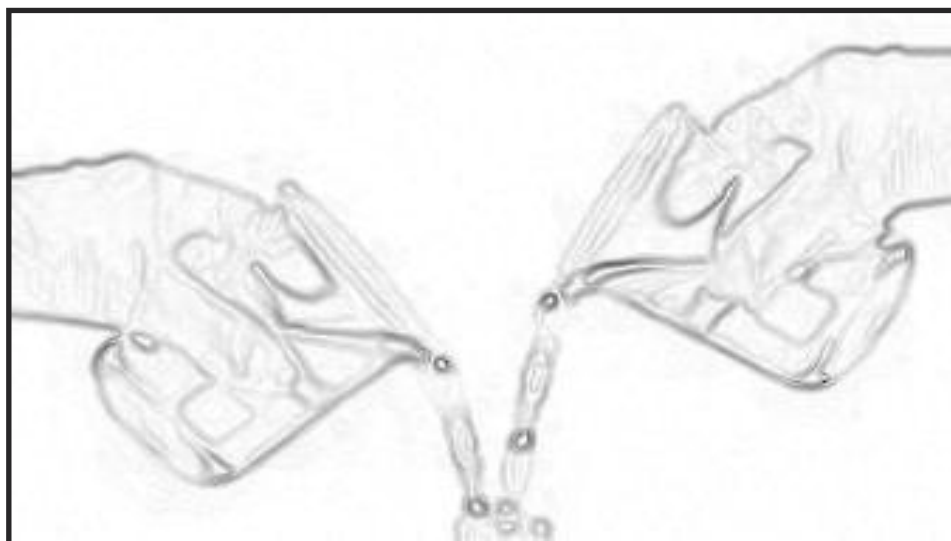
Communication 9 credit hrs.		Mathematics 5 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 121	College Algebra 4
ENG 122	English Composition II 3	MAT 122	College Trigonometry 3
COM 115	Public Speaking 3 or	MA 125	Survey of Calculus 4
COM 125	Interpersonal Communication 3	MAT 201	Calculus I 5
		MAT 202	Calculus II 5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 111	General College Biology I 5	HIS 102	History of Western Civilization II 3
BIO 112	General College Biology II 5	HIS 201	U.S. History I 3
BIO 201	Human Anatomy & Physiology I 4	HIS 202	U.S. History II 3
BIO 202	Human Anatomy & Physiology II 4		
BIO 204	Microbiology 4	Economic and Political Systems:	
CHE 111	General College Chemistry I 5	ECO 201	Principles of Macroeconomics 3
CHE 112	General College Chemistry II 5	ECO 202	Principles of Microeconomics 3
GEY 111	Physical Geology 4	POS 105	Introduction to Political Science 3
GEY 121	Historical Geology 4	POS 111	American Government 3
PHY 111	Physics: Algebra - Based I 5	POS 205	International Relations 3
PHY 112	Physics: Algebra - Based II 5		
PHY 211	Physics: Calculus - Based I 5	Geography:	
PHY 212	Physics: Calculus - Based II 5	GEO 105	World Regional Geography 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		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 235	Human Growth and Development 3
		PSY 238	Child Development 3
		PSY 227	Psychology of Death & Dying 3
		SOC 101	Introduction to Sociology 3
		SOC 102	Introduction to Sociology II 3

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Associate of Science Degree (AS) in Pre-Medical continued

Arts & Humanities	The credits must be from three different disciplines	9 credit hrs.	
Arts:		Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3	HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature	3
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I	3	Ways of Thinking:	
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy	3
SPA 211 Spanish Language III	3	PHI 112 Ethics	3
SPA 212 Spanish Language IV	3	PHI 113 Logic	3
		PHI 214 Philosophy of Religion	3

Electives	18 Credit Hrs.		
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.			
CHE 111 General College Chemistry I	5	PHY 112 Physics Algebra-Based	5
CHE 112 General College Chemistry II	5	BIO 201 Human Anatomy & Physiology I	4
PHY 111 Physics Algebra-Based	5	BIO 202 Human Anatomy & Physiology II	4



Associate of Science Degree (AS)

Program: Pre-Pharmacy

GRADUATION REQUIREMENTS

General Education 46¹
Major Requirements 17

Total Credit Hours Required 63

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....46¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. *Required classes are in bold italic type*

Communication 9 credit hrs.		Mathematics 5 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 121	College Algebra 4
ENG 122	English Composition II 3	MAT 166	Pre-Calculus 5
COM 115	Public Speaking 3 or	MAT 201	Calculus I 5
COM 125	Interpersonal Communication 3	MAT 202	Calculus II 5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 111	General College Biology I 5	HIS 102	History of Western Civilization II 3
BIO 112	General College Biology II 5	HIS 201	U.S. History I 3
BIO 201	Human Anatomy & Physiology I 4	HIS 202	U.S. History II 3
BIO 202	Human Anatomy & Physiology II 4		
BIO 204	Microbiology 4	Economic and Political Systems:	
CHE 111	General College Chemistry I 5	ECO 201	Principles of Macroeconomics 3
CHE 112	General College Chemistry II 5	ECO 202	Principles of Microeconomics 3
GEY 111	Physical Geology 4	POS 105	Introduction to Political Science 3
GEY 121	Historical Geology 4	POS 111	American Government 3
PHY 111	Physics: Algebra - Based I 5	POS 205	International Relations 3
PHY 112	Physics: Algebra - Based II 5		
PHY 211	Physics: Calculus - Based I 5	Geography:	
PHY 212	Physics: Calculus - Based II 5	GEO 105	World Regional Geography 3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		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 235	Human Growth and Development 3
		SOC 101	Introduction to Sociology 3
		SOC 102	Introduction to Sociology II 3

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Associate of Science Degree (AS) in Pre-Pharmacy continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern
ART 112 Art History II	3	HUM 123 Humanities Modern World
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II
THE 211 Development of Theatre I	3	Ways of Thinking:
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy
SPA 211 Spanish Language III	3	PHI 112 Ethics
SPA 212 Spanish Language IV	3	PHI 113 Logic
		PHI 214 Philosophy of Religion

Electives		17 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
BIO 111 General College Biology I with lab	5	PHY 211 Physics: Calculus Based
BIO 112 General College Biology II with lab	5	MAT 202 Calculus II



Associate of Science Degree (AS)

Program: Pre-Physical Therapy

GRADUATION REQUIREMENTS

General Education	46 ¹
Major Requirements	17

Total Credit Hours Required 63

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....46¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

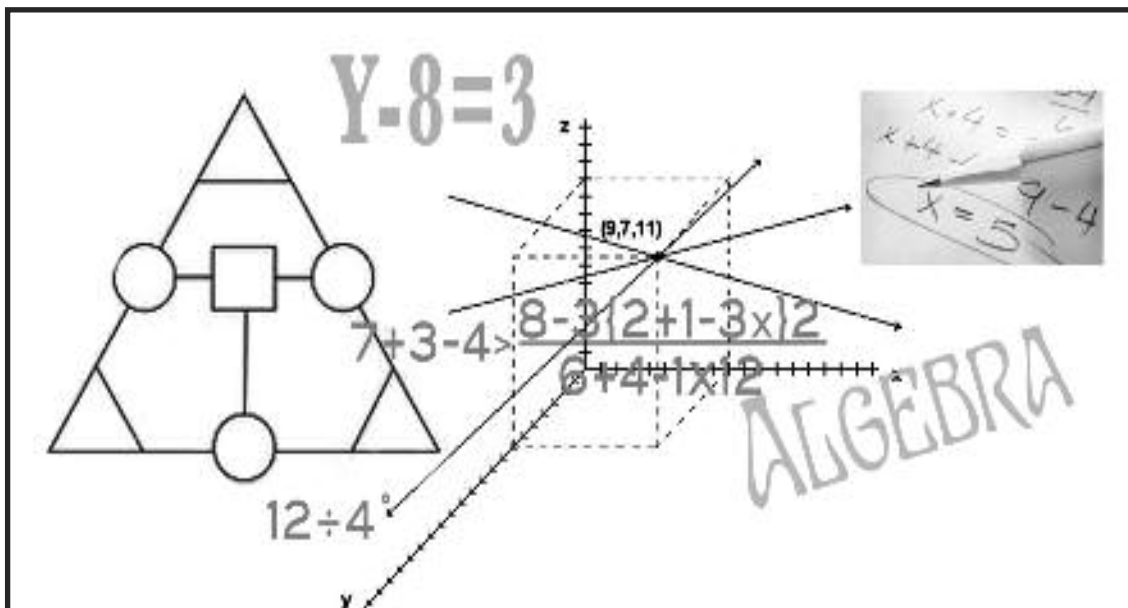
Communication	9 credit hrs.	Mathematics	5 credit hrs. minimum
ENG 121 English Composition I	3	MAT 121 College Algebra	4
ENG 122 English Composition II	3	MAT 166 Pre-Calculus	5
COM 115 Public Speaking	3 or	<i>MAT 201 Calculus I</i>	<i>5</i>
COM 125 Interpersonal Communication	3	MAT 202 Calculus II	5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs. The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
<i>BIO 111 General College Biology I</i>	<i>5</i>	HIS 102 History of Western Civilization II	3
<i>BIO 112 General College Biology II</i>	<i>5</i>	HIS 201 U.S. History I	3
<i>BIO 201 Human Anatomy & Physiology I</i>	<i>4</i>	HIS 202 U.S. History II	3
<i>BIO 202 Human Anatomy & Physiology II</i>	<i>4</i>	Economic and Political Systems:	
BIO 204 Microbiology	4	ECO 201 Principles of Macroeconomics	3
CHE 111 General College Chemistry I	5	ECO 202 Principles of Microeconomics	3
CHE 112 General College Chemistry II	5	POS 105 Introduction to Political Science	3
GEY 111 Physical Geology	4	POS 111 American Government	3
GEY 121 Historical Geology	4	POS 205 International Relations	3
PHY 111 Physics: Algebra - Based I	5	Geography:	
PHY 112 Physics: Algebra - Based II	5	GEO 105 World Regional Geography	3
PHY 211 Physics: Calculus - Based I	5	Human Behavior and Social Systems:	
PHY 212 Physics: Calculus - Based II	5	ANT 101 Cultural Anthropology	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		ANT 111 Physical Anthropology	3
		PSY 101 General Psychology I	3
		PSY 102 General Psychology II	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

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Associate of Science Degree (AS) in Pre-Physical Therapy continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
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 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 Masterpieces of Literature I 3 LIT 202 Masterpieces of Literature II 3 LIT 211 Survey of American Literature I 3 LIT 212 Survey of American Literature II 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		17 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CHE 111 General College Chemistry I 5 CHE 112 General College Chemistry II 5	PHY 111 Physics Algebra-based I 5 PHY 112 Physics Algebra-based II 5	



Associate of Science Degree (AS)

Program: Pre-Veterinary

GRADUATION REQUIREMENTS

General Education 46¹
Major Requirements 17

Total Credit Hours Required 63

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....46¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

Communication	9 credit hrs.	Mathematics	5 credit hrs. minimum
ENG 121 English Composition I	3	MAT 121 College Algebra	4
ENG 122 English Composition II	3	MAT 166 Pre- Calculus I	5
COM 115 Public Speaking	3 or	<i>MAT 201 Calculus I</i>	<i>5</i>
COM 125 Interpersonal Communication	3	MAT 202 Calculus II	5
Physical & Life Sciences 14 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101 Astronomy I	4	History:	
AST 102 Astronomy II	4	HIS 101 History of Western Civilization I	3
<i>BIO 111 General College Biology I</i>	<i>5</i>	HIS 102 History of Western Civilization II	3
<i>BIO 112 General College Biology II</i>	<i>5</i>	HIS 201 U.S. History I	3
BIO 204 Microbiology	4	HIS 202 U.S. History II	3
CHE 111 General College Chemistry I	5	Economic and Political Systems:	
CHE 112 General College Chemistry II	5	ECO 201 Principles of Macroeconomics	3
GEY 111 Physical Geology	4	ECO 202 Principles of Microeconomics	3
GEY 121 Historical Geology	4	POS 105 Introduction to Political Science	3
PHY 111 Physics: Algebra-Based I	5	POS 111 American Government	3
PHY 112 Physics: Algebra-Based II	5	POS 205 International Relations	3
PHY 211 Physics: Calculus-Based I	5	Geography:	
PHY 212 Physics: Calculus-Based II	5	GEO 105 World Regional Geography	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		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 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

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Associate of Science Degree (AS) in Pre-Veterinary continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	PHI 111 Introduction to Philosophy 3	
SPA 211 Spanish Language III 3	PHI 112 Ethics 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	
	PHI 214 Philosophy of Religion 3	

Electives		17 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
CHE 111 General College Chemistry I 5	PHY 211 Physics Calculus-based I 5	
CHE 112 General College Chemistry II 5	PHY 212 Physics Calculus-based II 5	



Associate of Science Degree (AS)

Program: Psychology

GRADUATION REQUIREMENTS

General Education	41 ¹
Major Requirements	19

Total Credit Hours Required **60**

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....41¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. ***Required classes are in bold italic type***

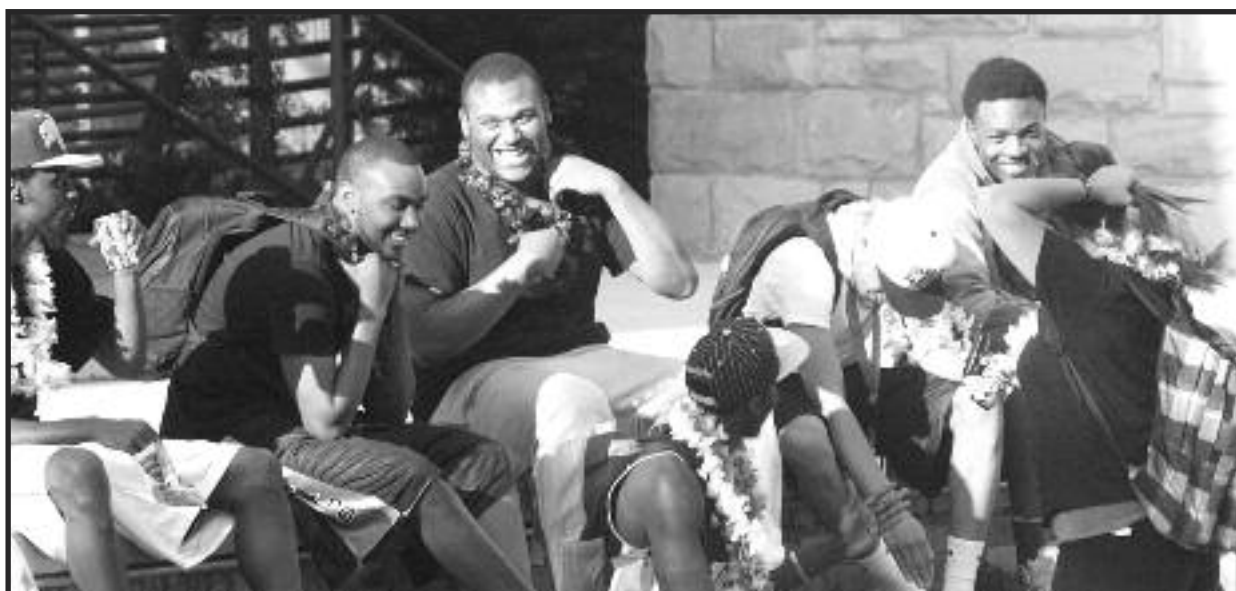
Communication	9 credit hrs.	Mathematics	4 credit hrs. minimum	
ENG 121	English Composition I	3	MAT 120 Mathematics for Liberal Arts	4
ENG 122	English Composition II	3	<i>MAT 121 College Algebra</i>	4
COM 115	Public Speaking	3 or	MAT 135 Intro to Statistics	3
COM 125	Interpersonal Communication	3	MAT 166 Pre-Calculus	5
			MAT 201 Calculus I	5
			MAT 202 Calculus II	5
Physical & Life Sciences 10 credit hrs. minimum		Social & Behavioral Sciences 9 credit hrs.		
		The credits must be from two different disciplines including a history		
AST 101	Astronomy I	4	History:	
AST 102	Astronomy II	4	HIS 101 History of Western Civilization I	3
<i>BIO 111 General College Biology I</i>		5	HIS 102 History of Western Civilization II	3
BIO 112	General College Biology II	5	HIS 201 U.S. History I	3
BIO 201	Human Anatomy & Physiology I	4	HIS 202 U.S. History II	3
BIO 202	Human Anatomy & Physiology II	4		
BIO 204	Microbiology	4	Economic and Political Systems:	
<i>CHE 111 General College Chemistry I</i>		5	ECO 201 Principles of Macroeconomics	3
CHE 112	General College Chemistry II	5	ECO 202 Principles of Microeconomics	3
GEY 111	Physical Geology	4	POS 105 Introduction to Political Science	3
GEY 121	Historical Geology	4	POS 111 American Government	3
PHY 111	Physics: Algebra - Based I	5	POS 205 International Relations	3
PHY 112	Physics: Algebra - Based II	5		
PHY 211	Physics: Calculus - Based I	5	Geography:	
PHY 212	Physics: Calculus - Based II	5	GEO 105 World Regional Geography	3
<i>The prerequisites for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 11</i>		Human Behavior and Social Systems:		
			ANT 101 Cultural Anthropology	3
			ANT 111 Physical Anthropology	3
			<i>PSY 101 General Psychology I</i>	3
			<i>PSY 102 General Psychology II</i>	3
			PSY 235 Human Growth and Development	3
			SOC 101 Introduction to Sociology	3
			SOC 102 Introduction to Sociology II	3

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Associate of Science Degree (AS) in Psychology continued

Arts & Humanities		9 credit hrs.
The credits must be from three different disciplines		
Arts:	Literature & Humanities:	
ART 110 Art Appreciation 3	HUM 121 Humanities Early Civilizations 3	
ART 111 Art History I 3	HUM 122 Humanities Medieval to Modern 3	
ART 112 Art History II 3	HUM 123 Humanities Modern World 3	
MUS 120 Music Appreciation 3	LIT 115 Introduction to Literature 3	
MUS 121 Music History I 3	LIT 201 Masterpieces of Literature I 3	
MUS 122 Music History II 3	LIT 202 Masterpieces of Literature II 3	
MUS 123 Survey of World Music 3	LIT 211 Survey of American Literature I 3	
THE 105 Theater Appreciation 3	LIT 212 Survey of American Literature II 3	
THE 211 Development of Theatre I 3	Ways of Thinking:	
THE 212 Development of Theatre II 3	<i>PHI 111 Introduction to Philosophy</i> 3 or	
SPA 211 Spanish Language III 3	<i>PHI 112 Ethics</i> 3	
SPA 212 Spanish Language IV 3	PHI 113 Logic 3	

Electives		19 Credit Hrs.
The elective education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.		
PSY 235 Human Growth and Development 3	PSY 227 Psychology of Death & Dying 3	
PSY 238 Child Development 3	PSY 249 Abnormal Psychology 3	
SOC 101 Introduction to Sociology I 3 or	SOC 102 Introduction to Sociology II 3	
PSY 226 Social Psychology 3	CRJ 230 Criminology 3	





Associate of Applied Science



Addictions Counseling
Administrative Medical Assistant
Agriculture Business Management
Agribusiness/Agriculture Technology
Aquaculture
Automotive Service Technology
Business Management
Computer Technologies
Construction Technology
Cosmetology
Barber Certificate
Esthetician Certificate
Hairstylist Certificate
Manicurist Certificates
Criminal Justice
Basic Law Enforcement Training
Diesel Technology - EPIC
Early Childhood Education

Early Childhood Certificates
Emergency Medical Services
Fine Woodworking
Heavy Equipment Technology - EPIC
Graphic Design
Graphic Design Certificates
Gunsmithing
Gunsmithing Technician Certificate
Rocky Mountain - Line Technician
Southern Colorado - Line Technician
Power Construction Supervision
Manufacturing Technology
Holistic Health and Massage Therapy
Nursing
Nurse Aide Certificate
Occupational Safety & Health
Office Technologies
Welding Technology - EPIC

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

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

Program: Addictions Counseling

Campus: Valley

AAS GRADUATION REQUIREMENTS

Core Credits 45

Major Requirements 15

Total Credit Hours Required 60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits 7 or 8

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 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3	MAT 107	Career Mathematics	3 or
COM 115	Public Speaking	3 or	MAT 121	College Algebra	3
COM 125	Interpersonal Communications	3			
Addictions Counseling Core		45 credit hrs.	Certified Addictions Counseling		
			Level I Certificate		
					7 credit hrs.
PSY 101	General Psychology I	3	CSL 245	Professional Ethics	1
PSY 102	General Psychology II	3	CSL 255	Infectious Diseases in Alcohol/Drug Treatment Setting	1
PSY 116	Stress Management	3	CSL 260	Client Records Management	1
PSY 215	Psychology of Adjustment	3	CSL 268	Addictions Counseling Skills	1
PSY 226	Social Psychology	3	CSL 269	Principles of Addictions Treatment	1
PSY 227	Psychology of Death and Dying	3	CSL 176	Special Topics	1
PSY 235	Human Growth and Development	3	CSL 251	Pharmacology I for Counselors	1
PSY 238	Child Development	3	Certified Addictions Counseling		
PSY 240	Health Psychology	3	Level II Certificate		
PSY 249	Abnormal Psychology	3			8 credit hrs.
PHI 111	Introduction to Philosophy	3	CSL 175	Special Topics	1
SOC 101	Introduction to Sociology	3	CSL 249	Differential Assessment of Problems Related to Psychoactive Drug Use	1
HPR 102	CPR for Professionals	0.5	CSL 250	Motivational Interviewing	1
CSL 245	Professional Ethics	1	CSL 252	Pharmacology II for Counselors	1
CSL 255	Infectious Diseases in Alcohol/Drug Treatment Setting	1	CSL 253	Cognitive Behavior Therapy	1
CSL 260	Client Records Management	1	CSL 265	Counseling Diverse Treatment Populations	1
CSL 265	Counseling Diverse Treatment Populations	1	CSL 275	Special Topics	1
CSL 268	Addictions Counseling Skills	1	CSL 276	Special Topics	1
CSL 269	Principles of Addictions Treatment	1			
CSL 176	Special Topics	1			
CSL 249	Differential Assessment of Problems Related to Psychoactive Drug Use	1			
CSL 250	Motivational Interviewing	1			
CSL 251	Pharmacology I for Counselors	1			
CSL 252	Pharmacology II for Counselors	1			
CSL 253	Cognitive Behavior Therapy	1			
CSL 175	Special Topics	1			

**Associate of Applied Science (AAS)
and Certificate Option(s)**
Program: Administrative Medical Assistant
Campus: Valley

AAS GRADUATION REQUIREMENTS	
Core Credits	41
Major Requirements	19
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	14

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 credit hrs.			Mathematics			3 credit hrs.		
ENG 115	Technical Writing	3 or	ENG 121	English Composition I	3	MAT 107	Career Mathematics	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	COM 125	Interpersonal Communication	3	Humanities/Science/Social & Behavioral Science			6 credit hrs.		
						Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications					
Administrative Medical Assistant Core			41 credit hrs.			AAS Electives as approved by Advisor			4 credit hrs. minimum		
MOT 110	Medical Office Administration	4	MOT 120	Medical Office Financial	3	AAA 050	Semester Survival	2	HPR 106	Law & Ethics for Health Professionals	2
MOT 125	Basic Medical Science	3	MOT 132	Medical Transcription I	4	PSY 227	Psychology of Death and Dying	3	MAN 117	Time Management	1
HPR 178	Medical Terminology	2	MOT 130	Insurance Billing and Coding	3	MAN 102	Ethics and Values	1	CSL 245	Professional Ethics	1
MOT 183	Medical Assistant Internship	4	MOT 189	Review for Medical Assistant National Exam	1	EMS 275	ST: Spanish for Healthcare Professionals	2	BTE 103	Keyboarding Applications II	3
BUS 217	Business Communication & Report Writing	3	BTE 102	Keyboarding Applications I	2	Medical Transcription Mini-Certificate			14 credit hrs.		
CIS 118	Introduction to PC Applications	3	EMS 175	First Aid for Medical Assistants	0.5	BTE 103	Keyboarding Applications II	3	CIS 135	Complete Word Processing	3
CIS 135	Complete PC Applications	3	HPR 102	CPR for Professionals	0.5	MOT 132	Medical Transcription I	4	MOT 132	Medical Transcription I	4
MOT 150	Pharmacology for Medical Assistants	3	MOT 189	Review for Medical Assistant National Exam	1	HPR 178	Medical Terminology	2	HPR 178	Medical Terminology	2
MOT 136	Introduction to Clinical Skills	2	BTE 102	Keyboarding Applications I	2						

Certificate Options

Program: Agriculture Business Management

Campus: Trinidad

CERTIFICATE GRADUATION REQUIREMENTS FOR EACH AGRICULTURE BUSINESS CERTIFICATE

Total Credit Hours Required

18

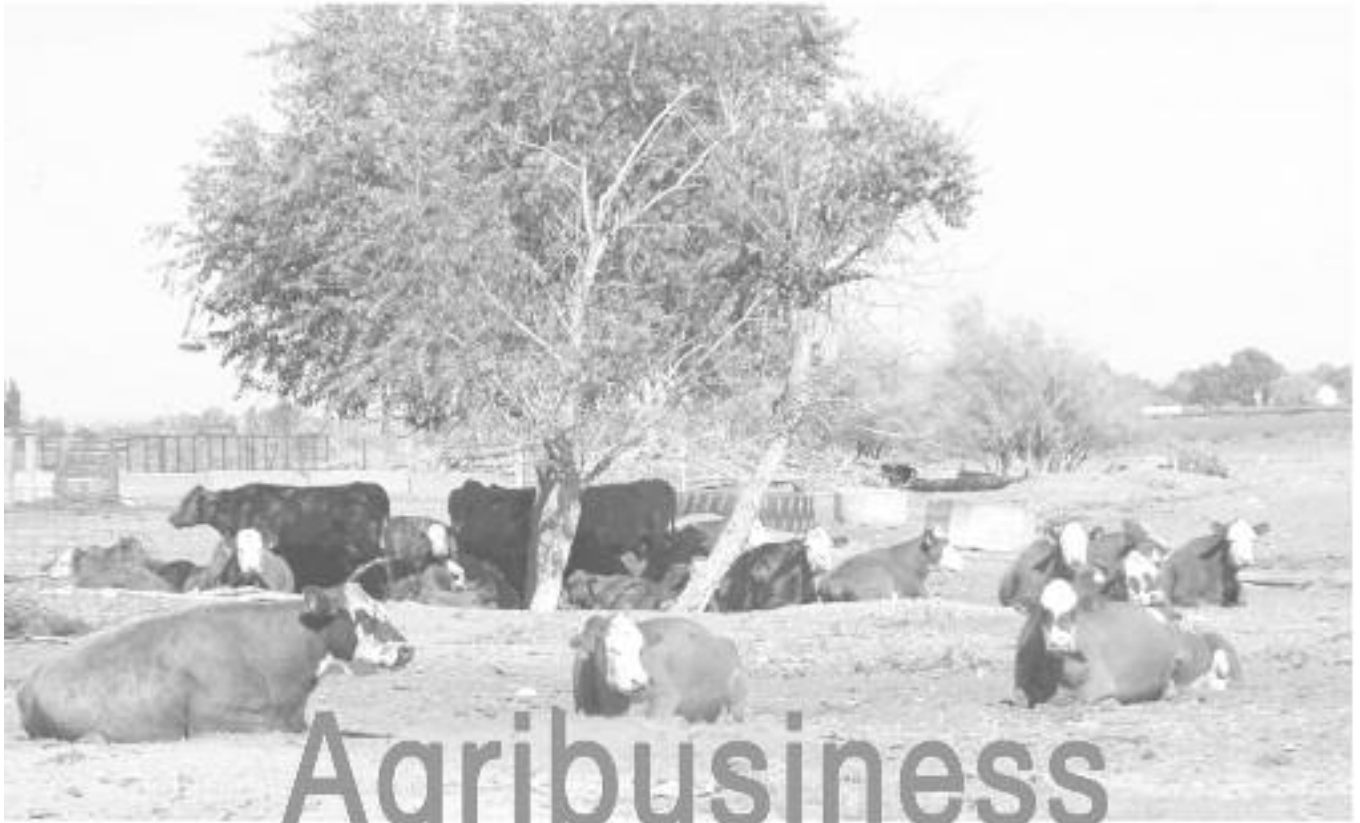
Mission Statement: The Agriculture Business program prepares students for a career in agriculture by providing skills, knowledge and practice of agriculture production.

Program Learning Outcomes: Students graduating with a certificate in Agriculture Business will be prepared to:

- Demonstrate records and business planning; financial analysis; commodity marketing; marketing and risk management; and advanced business management.
- Apply theory to practical situations of agriculture business and management.

Agriculture/Business Planning & Financial Records	18 credit hrs.	Agriculture Marketing & Risk Management	18 credit hrs.
ABM 111 Records and Business Planning I	9	Emphasis on Commodity Marketing: ABM 131 Commodity Marketing I ABM 132 Commodity Marketing II	9
ABM 112 Records and Business Planning II	9		9
Agriculture/Business Financial Analysis	18 credit hrs.	Emphasis on Marketing & Risk Management	18 credit hrs.
ABM 121 Financial Analysis I	9	Emphasis of Marketing and Risk Management ABM 135 Marketing and Risk Management I ABM 136 Marketing and Risk Management II	9
ABM 122 Financial Analysis II	9		9
Advanced Agriculture/Business Management	18 credit hrs.		
ABM 141 Advanced Business Management I	9		
ABM 142 Advanced Business Management II	9		





Agribusiness



Agribusiness

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

Program: Agribusiness/Agriculture Technology

Campus: Valley

AAS GRADUATION REQUIREMENTS

Core Credits	25
Electives	24
General Education Courses	15
Total Credit Hours Required	64

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	18 - 37
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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: 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 credit hrs.	Mathematics		3 credit hrs.
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3
ENG 121	English Composition I	3	MAT 121	College Algebra	4
			MAT 135	Intro to Statistics	3
COM 115	Public Speaking	3 or	Humanities/Science/Social & Behavioral Science		
COM 125	Interpersonal Communication	3	6 credit hrs.		
			Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications		
Agribusiness/Agribusiness Technology Core		25 credit hrs.	Electives		24 credit hrs.
AGP 132	Agricultural Accounting/ Business Analysis	3	ACC 121	Accounting Principles I	4
AGP 175	Special Topics	3	BUS 115	Introduction to Business	3
AGP 180	Production Ag Internship	3	BUS 216	Legal Environment of Business	3
AGP 204	Soil Fertility and Fertilizers	4	BUS 217	Business Communication & Report Writing	3
AGP 241	Beef Cattle Management I	3	CIS 155	PC Spreadsheet Concepts	3
AGB 218	Computerized Farm Records	3	ABM 111	Records and Business Planning I	9
AGB 228	Agri-Business Management	3	ABM 112	Records and Business Planning II	9
AGB 289	Agri-Business Capstone	2	ABM 121	Financial Analysis I	9
AME 107	General Power Mechanics	2	ABM 122	Financial Analysis II	9
AME 151	Fundamentals of Welding	3 or	ABM 131	Commodity Marketing I	9
WEL 175	Special Topics Welding	3	ABM 132	Commodity Marketing II	9
ASC 215	Livestock Judging	2	ABM 135	Marketing and Risk Management I	9
ASC 225	Feeds and Feeding	4	ABM 136	Marketing and Risk Management II	9
AQT 101	Introduction to Aquaculture	3	ABM 141	Advanced Business Management I	9
AQT 110	Aquaculture I	3	ABM 142	Advanced Business Management II	9
EQM 110	Light Horse Management	3	ADE 135	Small Gasoline Engines	3
GIS 131	Global Positioning Systems	3	AGE 102	Agriculture Economics	3
NRE 100	Foundations of Forestry	3	AGE 208	Agriculture Finance	3
NRE 127	Field Monitoring Techniques	2	AGE 210	Agriculture Marketing	3
NRE 175	Special Topics	3	AGP 107	Practical Irrigation Management	2
NRE 180	Natural Resources Internship	3	AGP 108	Agricultural Pesticides	3
			AGP 110	Integrated Pest Management	3

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

Agriculture Technology Certificate		Crop Science Certificate		18 credit hrs.			
Total Core	25 credit hrs.						
Electives form previous page	12 credit hrs.						
Total Certificate Credits	37 credit hrs.						
ASC 100	Animal Sciences	3	AGP 100	Practical Crop Production	3		
AGY 100	General Crop Production	4	AGP 107	Practical Irrigation Management	2		
RAM 205	Range Management	3	AGP 110	Integrated Pest Management	3		
ABM or BUS core classes		9	AGP 180	Production Ag Internship	3		
Mechanics course from electives listing		3	AGP 204	Soil Fertility and Fertilizers	4		
AGP or NRE Internship		3	AGP 175	Special Topics	3		
			GIS 131	Global Positioning Systems	3		
			NRE 127	Field Monitoring Techniques	2		
			RAM 205	Range Management	3		
Animas Science Certificate		18 credit hrs.		Natural Resources Certificate		18 credit hrs.	
ASC 100	Animal Sciences	3	NRE 100	Foundations of Forestry	3		
ASC 215	Livestock Judging	2	NRE 127	Field Monitoring Techniques	2		
ASC 225	Feeds and Feeding	4	NRE 175	Special Topics	3		
AGP 241	Beef Cattle Management I	3	NRE 180	Natural Resources Internship	3		
AGP 180	Production Ag Internship	3	RAM 205	Range Management	3		
EQM 110	Light Horse Management	3	AGP 110	Integrated Pest Management	3		
RAM 205	Range Management	3	AGP 204	Soil Fertility and Fertilizers	4		
AQT 101	Introduction to Aquaculture	3	GIS 131	Global Positioning Systems	3		
AQT 110	Aquaculture I	3	AQT 101	Introduction to Aquaculture	3		
			AQT 110	Aquaculture I	3		



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

Program: Aquaculture

Campus: Valley

AAS GRADUATION REQUIREMENTS

Core Credits	50
Major Requirements	15
Total Credit Hours Required	65

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	30
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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 credit hrs.			Mathematics			3 credit hrs.		
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3	MAT 121	College Algebra	4 or	MAT 135	Intro to Statistics	3
ENG 121	English Composition I	3	Humanities/Science/Social & Behavioral Science								
COM 115	Public Speaking	3 or									
COM 125	Interpersonal Communication	3	6 credit hrs. Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications								
Aquaculture Core			50 credit hrs.			Aquaculture Certificate			30 credit hrs.		
AQT 101	Introduction to Aquaculture	3	AQT 101	Introduction to Aquaculture	3	AQT 102	Fish Biology and Ichthyology	5	AQT 103	Fish Disease	5
AQT 102	Fish and Biology and Ichthyology	5	AQT 104	Fish Nutrition	4	AQT 104	Fish Nutrition	4	AQT 105	Water Quality for Fishes	4
AQT 103	Diseases of Fish	5	AQT 105	Water Quality for Fishes	4	AQT 110	Aquaculture	3	AQT 110	Aquaculture	3
AQT 104	Fish Nutrition	4	AQT 210	Aquaculture II	5	Aquaculture Electives					
AQT 105	Water Quality for Fishes	4	AQT 230	Aquaculture Engineering and Design	4						
AQT 110	Aquaculture I	3	AQT 240	Aquaculture Business and Marketing	4						
AQT 210	Aquaculture II	5	AQT 275	Spec Topics: Aquaculture Practicum	4						
AQT 230	Aquaculture Engineering and Design	4	AQT 288	Aquaculture Practicum	6						
AQT 240	Aquaculture Business and Marketing	4	Aquaculture Electives								
AQT 275	Spec Topics: Aquaculture Practicum	4									
AQT 288	Aquaculture Practicum	6									
Aquaculture Electives			3								
Electives			3 credit hrs.								
AQT 275	Special Topics	1-6 Credits									
AQT 285	Independent Study	1-6 Credits									
AQT 210	Aquaculture II	5									
AQT 230	Aquaculture Engineering and Design	4									
AQT 240	Aquaculture Business and Marketing	4									

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

AAS GRADUATION REQUIREMENTS	
Core Credits	48
Major Requirements	23
Total Credit Hours Required	71
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: 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 credit hrs.			Mathematics			3 credit hrs.		
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3	MAT 107	Career Mathematics	3	MAT 121	College Algebra	4
ENG 121	English Composition I	3	MAT 121	College Algebra	4	MAT 135	Intro to Statistics	3 or	MAT 155	Integrated Math	3
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3 or	Humanities/Science/Social & Behavioral Science					
COM 125	Interpersonal Communication	3	MAT 155	Integrated Math	3						
						Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications					
Automotive Core			48 credit hrs.			Automotive Certificate			52 credit hrs.		
ASE 120	Basic Auto Electricity	2	ASE 120	Basic Auto Electricity	2	ASE 120	Basic Auto Electricity	2	ASE 123	Auto Battery, Starting & Charging Systems	2
ASE 123	Auto Battery, Starting & Charging Systems	2	ASE 123	Auto Battery, Starting & Charging Systems	2	ASE 132	Ignition Systems Diagnosis & Repair	2	ASE 221	Automotive Body Electrical	4
ASE 132	Ignition Systems Diagnosis & Repair	2	ASE 132	Ignition Systems Diagnosis & Repair	2	ASE 110	Brakes I	3	ASE 110	Brakes I	3
ASE 221	Automotive Body Electrical	4	ASE 221	Automotive Body Electrical	4	ASE 210	Brakes II	3	ASE 210	Brakes II	3
ASE 110	Brakes I	3	ASE 110	Brakes I	3	ASE 140	Suspension & Steering I	3	ASE 140	Suspension & Steering I	3
ASE 210	Brakes II	3	ASE 210	Brakes II	3	ASE 240	Suspension & Steering II	3	ASE 240	Suspension & Steering II	3
ASE 140	Suspension & Steering I	3	ASE 140	Suspension & Steering I	3	ASE 150	Auto U-Joint & Axle Shaft Service	2	ASE 150	Auto U-Joint & Axle Shaft Service	2
ASE 240	Suspension & Steering II	3	ASE 240	Suspension & Steering II	3	ASE 130	General Engine Diagnosis	2	ASE 130	General Engine Diagnosis	2
ASE 150	Auto U-Joint & Axle Shaft Service	2	ASE 150	Auto U-Joint & Axle Shaft Service	2	ASE 160	Auto Engine Removal & Installation	1	ASE 160	Auto Engine Removal & Installation	1
ASE 130	General Engine Diagnosis	2	ASE 130	General Engine Diagnosis	2	ASE 134	Automotive Emissions	2	ASE 134	Automotive Emissions	2
ASE 160	Auto Engine Removal & Installation	1	ASE 160	Auto Engine Removal & Installation	1	ASE 233	Fuel Injections & Exhaust Systems	4	ASE 233	Fuel Injections & Exhaust Systems	4
ASE 134	Automotive Emissions	2	ASE 134	Automotive Emissions	2	ASE 231	Automotive Computers	2	ASE 231	Automotive Computers	2
ASE 233	Fuel Injections & Exhaust Systems	4	ASE 233	Fuel Injections & Exhaust Systems	4	ASE 151	Auto Manual Trans/Transaxle & Clutch	2	ASE 151	Auto Manual Trans/Transaxle & Clutch	2
ASE 231	Automotive Computers	2	ASE 231	Automotive Computers	2	ASE 152	Differentials & 4wd/Awd Service	2	ASE 152	Differentials & 4wd/Awd Service	2
ASE 151	Auto Manual Trans/Transaxle & Clutch	2	ASE 151	Auto Manual Trans/Transaxle & Clutch	2	ASE 235	Drivability Diagnosis	1	ASE 235	Drivability Diagnosis	1
ASE 152	Differentials & 4wd/Awd Service	2	ASE 152	Differentials & 4wd/Awd Service	2	ASE 250	Automatic Trans/Transaxle Service	1	ASE 250	Automatic Trans/Transaxle Service	1
ASE 235	Drivability Diagnosis	1	ASE 235	Drivability Diagnosis	1	ASE 260	Advanced Engine Diagnosis	2	ASE 260	Advanced Engine Diagnosis	2
ASE 250	Automatic Trans/Transaxle Service	1	ASE 250	Automatic Trans/Transaxle Service	1	ASE 265	Auto Heating & Air Conditioning	5	ASE 265	Auto Heating & Air Conditioning	5
ASE 260	Advanced Engine Diagnosis	2	ASE 260	Advanced Engine Diagnosis	2	Associate Degree students will need an additional 8 credit hours					
ASE 265	Auto Heating & Air Conditioning	5	ASE 265	Auto Heating & Air Conditioning	5	Certificate students will need an additional 4 credit hours					
						ASE 185	Independent Study	4	ASE 185	Independent Study	4
						ASE 285	Independent Study	4			

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

Program: Business Management

Campus: Trinidad & Valley

AAS 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.
- Demonstrate excellent husbandry practices.

Communication		6 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3	MAT 107	Career Mathematics	3
			MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	MAT 135	Intro to Statistics	3 or
COM 125	Interpersonal Communications	3	MAT 155	Integrated Math	3
			Humanities/Science/Social & Behavioral Science		
			6 credit hrs.		
			Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications		
Business Management Core		46 credit hrs.	Small Business Management & Leadership		24 credit hrs.
ACC 121	Accounting Principles I	4	COM 100	Workplace Communication	1
BUS 102	Entrepreneurial Operations	3	COM 105	Career Communication	3
BUS 115	Introduction to Business	3	COM 107	Overcoming Workplace Negativity	1
MAN 102	Business Ethics and Values	1	COM 125	Interpersonal Communications	3
ACC 245	Computerized Acc. w/ Pro Package	3	COM 260	Listening in the Workplace	1
CIS 118	Intro to PC Applications	3	COM 263	Conflict Resolution	1
BUS 217	Business Com. & Report Writing	3	COM 266	Decision Making	1
BUS 216	Legal Environment of Business	3	COM 267	Teamwork	1
MAT 112	Financial Mathematics	3	COM 268	Problem-Solving	1
MAN 117	Time Management	1	COM 269	Leadership	1
MAN 226	Principles of Management	3	COM 289	Capstone	1
MAR 216	Principles of Marketing	3	Business Finance & Communications		
MAN 200	Human Resource Management	3	18 credit hrs.		
MAR 160	Customer Service	3	BUS 102	Entrepreneurial Operations	3
CIS 155	PC-Spreadsheets Concepts	3	BUS 115	Introduction to Business	3
BUS 289	Capstone	1	BUS 216	Legal Environment of Business	3
Electives from the following prefix: ACC, BUS, BTE, CIS, MGD, MAN		3	BUS 217	Business Com./Report Writing	3
Business Management Certificate		3 credit hrs.	MAT 112	Financial Mathematics	3
			COM 125	Interpersonal Communications	3
			Team Leadership		
			12 credit hrs.		
BUS 115	Introduction to Business	3	6 credit hours of electives from the following:		
MAN 102	Business Ethics and Values	1	BUS 217	Business Communications	3
CIS 118	Intro to PC Applications	3	COM 217	Group Communications	3
BUS 217	Business Com. & Report Writing	3	MAN 226	Principles of Management	3
BUS 216	Legal Environment of Business	3	PHI 112	Ethics	3
MAT 112	Financial Mathematics	3	PHI 113	Logic	3
MAN 117	Time Management	1	PSY 226	Social Psychology	3
MAN 226	Principles of Management	3			
MAR 216	Principles of Marketing	3			
MAN 200	Human Resource Management	3			
MAR 160	Customer Service	3			
BUS 102	Entrepreneurial Operations	3			
CIS 155	PC-Spreadsheets Concepts	3			

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

Program: Computer Technologies

Campus: Valley

AAS GRADUATION REQUIREMENTS

General Education Credits	15
Core Credits	37
Electives	8
Total Credit Hours Required	66

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	3 - 47
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Mission Statement: The Computer Networking Systems Technology program prepares students for employment by providing hands-on skills, knowledge and practical experience in the installation, troubleshooting, repair and maintenance of computers, the services they use, network connectivity, and security basics.

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

- Manage computer networks.
- Demonstrate ability to design, construct, analyze, and secure networks.
- Maintain, diagnose, and repair computer hardware.
- Maintain, diagnose, and repair network connectivity services.

Communication	3 credit hrs.	Mathematics	3 credit hrs.
ENG 121 English Composition I	3	MAT 107 Career Mathematics	3 or
Humanities/Science/Social & Behavioral Science	9 credit hrs.	MAT 121 College Algebra	4 or
Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications		MAT 122 College Trigonometry	3 or
		MAT 135 Intro to Statistics	3 or
Electives	8 credit hrs.	A+ Certification Test Preparation	20 credit hrs.
CSC 154 Intro to MS Visual Basic.net (oop)	3	CNG 105 Computer Literacy (Applications)	3
CSC 151 Advanced MS Visual basic (oop)	3	CNG 120 A+ Certification Preparation (hardware)	4
CNG 258 Computer Forensics	4	ELT 106 Fundamentals of DC/AC (Electronics)	3
CNG 136 Guide to Disaster Recovery	3	CNG 127 IT Essentials I: PC Hardware and Software (A+)	5
CNG 126 Web Server Basics (Server+)	3	CNG 128 IT Essentials II: Network Operating Systems (A+)	5
CSC 152 Database Programming with VB.net	3		
CNG 264 Home Technology Integration	5	Network + Certification Test Preparation	20 credit hrs.
Pre-req for CNG 264 is CNG 124		CNG 105 Computer Literacy (Applications)	3
CNG 175 Special Topics	4	CNG 120 A+ Certification Preparation (hardware)	4
CNG 180 Internship 1	4	CNG 124 Networking I (Network +)	3
Computer Networking Certificate	47 credit hrs.	CNG 125 Networking II (Network +)	3
CNG 105 Computer Literacy (Applications)	3	Server + Certification Test Preparation	13 credit hrs.
CNG 120 A+ Certification Preparation (hardware)	4	CNG 105 Computer Literacy (Applications)	3
ELT 106 Fundamentals of DC/AC (Electronics)	3	CNG 120 A+ Certification Preparation (hardware)	4
CNG 127 IT Essentials I: PC Hardware and Software (A+)	5	Pre-requisite for CNG 123 is CNG 124	
CNG 128 IT Essentials II: Network Operating Systems (A+)	5	CNG 123 Network Server Basics (Server+)	3
CNG 124 Networking I (Network +)	3	Pre-requisite for CNG 126 is CNG 123	
CNG 125 Networking II (Network +)	3	CNG 126 Web Server Basics (Server+)	3
Pre-requisites for CNG 123, CNG 131, & CNG 264 is CNG 124		Security + Certification Test Preparation	20 credit hrs.
CNG 123 Network Server Basics (Server+)	3	CNG 105 Computer Literacy (Applications)	3
Pre-requisite for CNG 126 is CNG 123		CNG 120 A+ Certification Preparation (hardware)	4
CNG 126 Web Server Basics (Server+)	3	Pre-requisite for CNG 131 is CNG 124	
CNG 131 Network Security Basics (Security +)	3	CNG 131 Network Security Basics (Security +)	3
CNG 264 Home Technology Integration	5	Pre-requisite for CNG 136 and CNG 258 is CNG 131	
CSC 154 Intro to MS Visual Basic.net	3	CNG 258 Computer Forensics	4
CNG 180 Internship 1	4	CNG 136 Guide to Disaster Recovery	3
Notes: CNG 124 Network + I is the prerequisite for CNG 123 Server I +, CNG 264 Home Integration Tech, CNG 131 Security + AND CNG 123 Server + is the Prerequisite for CNG 126 Webserver AND CNG 131 Security + is the prerestrict for CNG 136 Disaster recovery and CNG 258 Forensics			

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

Program: Construction Technology

Campus: Valley

AAS GRADUATION REQUIREMENTS

Total Core Credits	15
Major Requirements	60
Total Credit Hours Required	75

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	27 - 48
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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.

Communication			6 credit hrs.	Mathematics			3 credit hrs.
ENG 115	Technical Writing	3 or		MAT 107	Career Mathematics	3 or	
ENG 121	English Composition I	3		MAT 121	College Algebra	4	
COM 115	Public Speaking	3 or		Humanities/Science/Social & Behavioral Science			6 credit hrs.
COM 125	Interpersonal Communication	3		Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications			
Construction Core			60 credit hrs.	Construction Certificate			48 credit hrs.
CAR 100	Intro to Carpentry	1		CAR 100	Intro to Carpentry	1	
CAR 105	Job Site Layout/Blueprint Reading	1		CAR 105	Job Site Layout/Blueprint Reading	1	
CAR 115	Form & Foundation Systems	1		CAR 115	Form & Foundation Systems	1	
CAR 133	Construction Framing & Safety	4		CAR 133	Construction Framing & Safety	4	
CAR 134	Exterior Finishes & Trim	4		CAR 134	Exterior Finishes & Trim	4	
CAR 156	Shop Tools: stationary, hand portable	4		CAR 156	Shop tools: stationary/hand/port	4	
CAR 170	Clinical: Construction Lab I	5		CAR 170	Clinical: Construction Lab I	5	
CON 120	General Construction Framing	3		CON 120	General Construction Framing	3	
CAR 125	Roofing Materials & Methods	1		CAR 125	Roofing Materials & Methods	1	
CAR 126	Framing with Metal Studs	1		CAR 126	Framing with Metal Studs	1	
CAR 140	Stair Construction/Layout	1		CAR 140	Stair Construction/Layout	1	
CAR 144	Interior Trim and Finish Methods	4		CAR 144	Interior Trim and Finish Methods	4	
CAR 153	Interior Trim: Cabinet/Countertops	1		CAR 153	Interior Trim: Cabinet/Countertops	1	
CAR 160	Floor Finishes	1		CAR 160	Floor Finishes	1	
CON 145	Construction Project Management	2		CAR 171	Construction Lab I	6	
CAR 171	Construction Lab I	6		CAR 270	Clinical: Construction Lab I	5	
CON 128	Cost Estimation	2		CAR 271	Clinical: Construction Lab I	5	
CON 140	Introduction to Building Codes	3		Basic Construction Technology Certificate			27 credit hrs.
CAR 270	Clinical: Construction Lab I	5		CAR 100	Intro to Carpentry	1	
CON 146	Construction Project Scheduling	2		CAR 105	Job Site Layout/Blueprint Reading	1	
CON 231	Construction Ethics	3		CAR 115	Form & Foundation Systems	1	
CAR 271	Clinical: Construction Lab I	5		CAR 133	Construction Framing & Safety	4	
				CAR 134	Exterior Finishes & Trim	4	
				CAR 156	Shop tools: stationary/hand/port	4	
				CON 120	General Construction Framing	3	
				CAR 125	Roofing Materials & Methods	1	
				CAR 126	Framing with Metal Studs	1	
				CAR 140	Stair Construction/Layout	1	
				CAR 144	Interior Trim and Finish Methods	4	
				CAR 153	Interior Trim: Cabinet/Countertops	1	
				CAR 160	Floor Finishes	1	

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

Program: Cosmetology

Campus: Trinidad & Valley

When there is no AAS option available then the AGS degree option is presented.

AGS GRADUATION REQUIREMENTS

Core Credits	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	64
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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.

Cosmetology Certificate				64 credit hrs.	
COS 103	Shampoos/Rinses/Conditioners I	1	COS 275 004	Special Topics: Chemical Texture Techniques	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 275 001	Special Topics: Haircolor Techniques	1	COS 261	Advanced Disinfection, Sanitation, & Safety	1
COS 120	Introduction to Haircutting	2	NAT 110	Introduction to Manicures & Pedicures	3
COS 121	Intermediate I Haircutting	2	NAT 111	Intermediate Manicures & Pedicures	2
COS 220	Intermediate II Haircutting	2	NAT 210	Advanced Manicures & Pedicures	2
COS 221	Advanced Haircutting	2	NAT 211	Application of Artificial Nails	5
COS 275 002	Special Topics: Haircutting Techniques	1	EST 110	Introduction to Facials and Skin Care	3
COS 130	Introduction to Hairstyling	2	EST 111	Intermediate Facials and Skin Care	2
COS 131	Intermediate I: Hairstyling	2	EST 210	Advanced Massage and Skin Care	2
COS 230	Intermediate II: Hairstyling	2	EST 211	Facial Makeup	1
COS 231	Advanced Hairstyling	1	EST 212	Hair Removal	3
COS 275 003	Special Topics: Hairstyling Techniques	1			
COS 140	Introduction to Chemical Texture	1			
COS 141	Intermediate I: Chemical Texture	1			
COS 240	Intermediate II: Chemical Texture	1			
COS 241	Advanced Chemical Texture	1			
Associate of General Studies Degree Option				60 credit hrs.	
Cosmetology courses		28	Social and Behavioral Sciences		6
Communications core		6	Humanities		6
Mathematics		3	General Education Electives		7
Science		4	Please see your Advisor for more information		

Certificate Option(s)

Program: Barber Certificate with AGS Degree Option

Campus: Valley

When there is no AAS option available then the AGS degree option is presented.

AGS GRADUATION REQUIREMENTS

Core Credits	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	50
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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.

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

Certificate Option(s)**Programs: Esthetician Certificate****Campus: Trinidad & Valley****AGS GRADUATION REQUIREMENTS**

Core Credits	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	30
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When there is no AAS option available then the AGS degree option is presented.

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.

Esthetician Certificate		30 credit hrs.
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 & Salesmanship	1
COS 288	Practicum	8
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
EST 230	Esthetician Preparation for State Board	1
HWE 103	Community First Aid and CPR	1
Associate of General Studies Degree Option		60 credit hrs.
	Cosmetology courses	28
	Communications core	6
	Mathematics	3
	Science	4
	Social and Behavioral Sciences	6
	Humanities	6
	General Education Electives	7
Please see your Advisor for more information		

Certificate Option(s)

Programs: Hairstylist Certificate

Campus: Trinidad & Valley

AGS GRADUATION REQUIREMENTS

Core Credits	32
Major Requirements	28
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	50
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When there is no AAS option available then the AGS degree option is presented.

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.

Hairstylist Certificate				50 credit hrs.	
COS 111	Intermediate Hair Color	2	COS 250	Management, Ethics, Interpersonal Skills & Salesmanship	1
COS 210	Intermediate Hair Color II	2	COS 160	Intro to Disinfection, Sanitation, & Safety	2
COS 211	Advanced Hair Color	2	COS 161	Intermediate I: Disinfection, Sanitation, & Safety	1
COS 275 001	Special Topics: Haircolor Techniques	1	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	COS 262	Advanced Disinfection, Sanitation, & Safety II	3
COS 220	Intermediate II Haircutting	2	COS 288	Practicum	6
COS 221	Advanced Haircutting	2			
COS 275 002	Special Topics: Haircutting Techniques	1			
COS 130	Introduction to Hairstyling	2			
COS 131	Intermediate I: Hairstyling	2			
COS 230	Intermediate II: Hairstyling	2			
COS 231	Advanced Hairstyling	1			
COS 275 003	Special Topics: Hairstyling Techniques	1			
COS 140	Introduction to Chemical Texture	1			
COS 141	Intermediate I: Chemical Texture	1			
COS 240	Intermediate II: Chemical Texture	1			
COS 241	Advanced Chemical Texture	1			
COS 275 004	Special Topics: Chemical Texture Techniques	1			
COS 150	Laws, Rules, and Regulations	1			
Associate of General Studies Degree Option				60 credit hrs.	
Cosmetology courses		28	Social and Behavioral Sciences		6
Communications core		6	Humanities		6
Mathematics		3	General Education Electives		7
Science		4	Please see your Advisor for more information		

Certificate Option(s)**Programs: Manicurist Certificates****Campus: Trinidad & Valley**

When there is no AAS option available then the AGS degree option is presented.

AGS GRADUATION REQUIREMENTS

Core Credits	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.

Manicurist Certificate		20 credit hrs.
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
Associate of General Studies Degree Option		60 credit hrs.
	Cosmetology courses	28
	Communications core	6
	Mathematics	3
	Science	4
	Social and Behavioral Sciences	6
	Humanities	6
	General Education Electives	7
Please see your Advisor for more information		

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

Program: Criminal Justice

Campus: Valley

AAS GRADUATION REQUIREMENTS

Core Credits	54
Major Requirements	15
Total Credit Hours Required	69

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	35
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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 credit hrs.			Mathematics			3 credit hrs.		
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3						
ENG 121	English Composition I	3 or	MAT 121	College Algebra	4						
COM 115	Public Speaking	3 or									
COM 125	Interpersonal Communication	3									
Humanities/Science/Social & Behavioral Science						6 credit hrs.					
Criminal Justice Core						54 credit hrs.					
CRJ 110	Introduction to Criminal Justice	3	CRJ 210	Constitutional Law	3						
CRJ 111	Substantive Criminal Law	3	CRJ 220	Human Relations and Social Conflicts	3						
CRJ 112	Procedural Criminal Law	3	CRJ 216	Juvenile Law and Procedure	3						
CRJ 145	Correctional Process	3	CRJ 221	Community Problem Solving	3						
CRJ 125	Law Enforcement Operations	3	CRJ 225	Crisis Intervention	3						
CRJ 135	Judicial Functions	3	CRJ 230	Criminology	3						
CRJ 116	Civil Liability	3	CRJ 240	Criminal Investigations	3						
CRJ 126	Patrol Procedures	3	CRJ 245	Interview and Interrogation	3						
CRJ 118	Report Writing	3	CRJ 246	Traffic Investigation	3						

Certificate**CERTIFICATE GRADUATION REQUIREMENTS**
Total Credits 35**Program: Basic Law Enforcement Training
Academy (CLETA)
Campus: Valley****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 they encounter involving 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.

Basic Law Enforcement Training Academy Certificate (CLETA)					35 credit hrs.
LEA 101	Basic Law Enforcement Academy I	6	LEA 106	Arrest Control Techniques	3
LEA 102	Basic Law Enforcement Academy II	12	LEA 107	Law Enforcement Driving	3
LEA 105	Basic Law I	8	LEA 108	Firearms	3



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

AAS GRADUATION REQUIREMENTS	
Core Credits	39
General Education	15
Electives	12
Total Credit Hours Required	66

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 credit hrs.	Mathematics		3 credit hrs.
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3
ENG 121	English Composition I	3	Humanities/Science/Social & Behavioral Science		6 credit hrs.
COM 115	Public Speaking	3 or	Humanities		3 or
COM 125	Interpersonal Communication	3	Science		3 or
			Social & Behavioral Science		3
Dielese Certificate			39 credit hrs.		
MAN 125	Team Building	1	DPM 122	Hydraulic Systems II	3
OSH 127	10 - Hr. Construction Industry Standards	1	DPM 203	Diesel Engines II	4
EIC 105	Basics of AC & DC Electricity	4	DPM 205	Heavy Duty Powertrains II	3
ADE 135	Small Engines	4	DPM 170	Lab Experience	3
ASE 120	Basic Auto Electricity	2	DPM 206	Heavy Duty Brake Systems	3
ASE 123	Battery, Starting and Charging	2	Electives		12 credit hrs.
DPM 103	Diesel Engines I	4	Degree requires 12 credit hours of electives of approved courses from the following prefixes: HEQ, WEL, EIC, ADE, DPM, and/or MAC and 15 hours of General Education courses as listed.		
DPM 105	Heavy Duty Powertrains I	3			
DPM 106	Diesel Fuel Systems	3			
DPM 121	Hydraulic Systems I	3			





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

Program: Early Childhood Education

Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS

Core Credits 39 to 40

Major Requirements 18

Total Credit Hours Required 67 to 68

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		3 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3	MAT 107	Career Mathematics	3 or
Social Science		12 credit hrs.	MAT 121	College Algebra	3 or
PSY 101	General Psychology I	3 or	MAT 155	Integrated Math	3
PSY 102	General Psychology II	3			
	Computer Elective	3			
	Two core electives from the approved elective list	6			
Associate of Science Core			39 to 40 credit hrs.		
ECE 101	Intro to Early Childhood Professions	3	PSY 238	Child Development	3 or
ECE 102	Intro to Early Childhood Professions Lab	3	ECE 238	Growth Dev. Of Early Child	4
ECE 103	Guidance Strategies for Children	3	ECE 240	Admin. Of Early Childhood Care	3
ECE 111	Infant and Toddler Theory and Practice	3	ECE 241	Administration Human Relations for EC Professions	3
ECE 112	Intro to Infant/Toddler Lab	3	ECE 260	Exceptional Child	3
ECE 205	Nutrition, Health, Safety for Young Child	3	Additional Requirements		8 credit hrs.
ECE 220	Curriculum Dev: Methods/Techniques	3	ECE 125	Science/Math and the Young Child	3
ECE 225	Language and Cognition for the Young	3	ECE 288	Practicum: Advanced Classroom	3
ECE 226	Creativity and the Young Child	3	ECE 289	Capstone	2
Electives			19 credit hrs.		
ECE 107	Child Dev. Associate (CDA) Preparation 2		ECE 280	Internship	3
ECE 100	Pre-Licensing Training for Child Care Provider	1	ECE 288	Practicum: Advanced Classroom	3
ECE 195	Music, Movement and the Young Child	1	ECP 187	Cooperative Education	1-12 credits or
ECE 256	Working with Parents, Families & Community	3	ECP 287	Cooperative Education	1-12 credits
ECE 188	Practicum: Early Childhood Ed (CDA)	2	ECE 175	Special Topics	1-6 credits
			ECE 275	Special Topics	1-6 credits
			ECE 236	Child Growth and Development Lab	1

continued on next page

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

CERTIFICATE GRADUATION REQUIREMENTS
Total Credits 13 - 30

Program: Early Childhood Certificates

Campus: Trinidad & Valley

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.

CDA Training Certificate Option 1 Preschool Headstart			13 credit hrs.			Infant/Toddler Supervisor Certificate			21 credit hrs.		
ECE 101	Intro to Early Childhood Professions	3	ECE 101	Intro to Early Childhood Professions	3	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 102	Intro to Early Childhood Professions Lab	3	ECE 102	Intro to Early Childhood Professions Lab	3	ECE 103	Guidance Strategies for Children	3
ECE 107	Child Dev. Associate (CDA) Preparation	2	ECE 103	Guidance Strategies for Children	3	ECE 103	Guidance Strategies for Children	3	ECE 220	Curriculum Dev.: Methods/Techniques	3
ECE 188	Practicum: Early Childhood Ed (CDA)	2	ECE 220	Curriculum Dev.: Methods/Techniques	3	ECE 220	Curriculum Dev.: Methods/Techniques	3	PSY 238	Child Development	3
ECE 220	Curriculum Dev.: Methods/Techniques	3	PSY 238	Child Development	3	ECE 111	Infant and Toddler Theory and Practice	3	ECE 111	Infant and Toddler Theory and Practice	3
			ECE 112	Intro to Infant/Toddler Lab	3	ECE 112	Intro to Infant/Toddler Lab	3	ECE 112	Intro to Infant/Toddler Lab	3
CDA Training Certificate Option 2 Infants & Toddlers			16 credit hrs.			Director of Education Certificate 30 credit hrs.					
ECE 101	Intro to Early Childhood Professions	3	ECE 101	Intro to Early Childhood Professions	3	ECE 101	Intro to Early Childhood Professions	3	ECE 102	Intro to Early Childhood Professions Lab	3
ECE 111	Infant and Toddler Theory and Practice	3	ECE 102	Intro to Early Childhood Professions Lab	3	ECE 102	Intro to Early Childhood Professions Lab	3	ECE 103	Guidance Strategies for Children	3
ECE 220	Curriculum Dev.: Methods/Techniques	3	ECE 103	Guidance Strategies for Children	3	ECE 103	Guidance Strategies for Children	3	ECE 205	Nutrition, Health, Safety for Young Child	3
ECE 103	Guidance Strategies for Children	3	ECE 205	Nutrition, Health, Safety for Young Child	3	ECE 205	Nutrition, Health, Safety for Young Child	3	ECE 220	Curriculum Dev.: Methods/Techniques	3
ECE 107	Child Dev. Associate (CDA) Preparation	2	ECE 220	Curriculum Dev.: Methods/Techniques	3	ECE 220	Curriculum Dev.: Methods/Techniques	3	ECE 240	Admin. Of Early Childhood Care	3
ECE 188	Practicum: Early Childhood Ed (CDA)	2	ECE 240	Admin. Of Early Childhood Care	3	ECE 240	Admin. Of Early Childhood Care	3	ECE 241	Admin. Human Relations for EC Professions	3
			ECE 241	Admin. Human Relations for EC Professions	3	ECE 241	Admin. Human Relations for EC Professions	3	PSY 238	Child Development	3
Group Leader Certificate Primary Certificate			15 credit hrs.			PSY 238	Child Development	3	PSY 101	General Psychology I	3
ECE 101	Intro to Early Childhood Professions	3	PSY 101	General Psychology I	3	PSY 101	General Psychology I	3	PSY 102	General Psychology II	3
ECE 102	Intro to Early Childhood Professions Lab	3	PSY 102	General Psychology II	3	PSY 102	General Psychology II	3	Electives:	ECE 225, ECE 226, ECE 260, ECE 125, ECE111, or SOC 101	each 3
ECE 103	Guidance Strategies for Children	3	Electives:	ECE 225, ECE 226, ECE 260, ECE 125, ECE111, or SOC 101	each 3	Electives:	ECE 225, ECE 226, ECE 260, ECE 125, ECE111, or SOC 101	each 3			
ECE 220	Curriculum Dev.: Methods/Techniques	3									
PSY 238	Child Development	3									

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

Program: Emergency Medical Services

Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS

Core Credits 26

Major Requirements 23

Total Credit Hours Required 64

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 or 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 6 credit hrs.			Mathematics 3 credit hrs.		
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3
ENG 121	English Composition I	3	MAT 121	College Algebra	4
			MAT 135	Intro to Statistics	3
SPE 115	Public Speaking	3 or	Humanities/Science/Social & Behavioral Science 6 credit hrs.		
SPE 125	Interpersonal Communication	3	Humanities		3 or
			Science		3 or
			Social & Behavioral Science		3
Electives for the Associate of Applied Science Degree 23 credit hrs.					
HPR 102	CPR for Professionals: (EMT)	0.5	EMS 214	Basic Trauma Life Support	1
HWE 102	CPR Recertifications	0.25	EMS 220	EMT-Paramedic Refresher	3
HWE 103	Community First Aid & CPR	1	EMS 245	Medical Emergencies	1
HWE 104	CPR Instructor Course	0.5	EMS 275	Special Topics	0.5-10 credits
HWE 120	Wilderness First Aid	1	EMS 285	Independent Study	1-6 credits
HPR 102	CPR for Professionals	0.5	FST 100	Fire Fighter I	9
HPR 103	CPR for Professionals Renewal	0.5	FST 101	Fire Fighter II	6
EMS 115	First Responder	3	EMS 225	Fundamentals of Paramedic Practice	3
EMS 116	First Responder Refresher	2	EMS 226	Fundamental of Paramedic Practice Lab	2
EMS 121	Infection Control for the EMT	0.5	EMS 227	Paramedic Special Considerations	3
EMS 126	EMT-Basic Refresher	3	EMS 228	Paramedic Special Considerations Lab	2
SPA 115	Spanish for the Professional I	3	EMS 229	Paramedic Pharmacology	3
EMS 130	Intravenous Therapy	2	EMS 230	Paramedic Pharmacology Lab	2
EMS 136	EMT/Paramedic Safety Issues in the Field	1	EMS 231	Paramedic Cardiology	5
EMS 150	Pediatric Education for Pre-hospital Professional	1	EMS 232	Paramedic Cardiology Lab	1
HPR 190	Basic EKG Interpretation	2	EMS 233	Paramedic Medical Emergencies	4
EMS 175	Special Topics	0.5-10 credits	EMS 234	Paramedic Medical Emergencies Lab	1
EMS 178	EMS Seminar	0.5-6 credits	EMS 235	Paramedic Trauma Emergencies	4
EMS 206	EMT-Intermediate Refresher	3	EMS 236	Paramedic Trauma Emergencies Lab	1
HPR 120	Advanced Cardiac Life Support	1	EMS 237	Paramedic Internship Preparatory	2
HPR 121	ACLS Recertification	0.5	EMS 280	Paramedic Internship I	6
EMS 213	Pre-hospital Trauma Life Support	1	EMS 281	Paramedic Internship I	6
A minimum of 64 credit hours is required for the AAS degree and must include EMT Basic and EMT Intermediate certification in addition to 23 credit hours of electives.					

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

CERTIFICATE GRADUATION REQUIREMENTS
Total Credits 10 - 16

Program: Emergency Medical Services
Campus: Trinidad & Valley

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 or 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.

EMT Basic Certificate		10 credit hrs.	EMT Intermediate Certificate		16 credit hrs.
EMS 125	EMT-Basic	9	EMS 203	EMT-Intermediate I	6
EMS 170	EMT-Basic Clinical	1	EMS 205	EMT-Intermediate II	6
			EMS 270	Clinical: EMS Intermediate	3
			HPR 120	Advanced Cardiac Life Support (ACLS)	1



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

AAS GRADUATION REQUIREMENTS	
Total Core Credits	41
Major Requirements	19
Total Credit Hours Required	60

CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	40

Mini - CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	13

Mission Statement: Fine Woodworking prepares students for a career in woodworking by providing skills, knowledge and practice in the art of fine furniture, cabinet making, and the fundamentals of woodworking.

Program Learning Outcomes: Students graduating with a certificate in Fine Woodworking will be prepared to:

- Work safely in a cabinet shop.
- Master the skills to become employed as a cabinetmaker or in a related field.
- Demonstrate an understanding of the work ethic to be a successful cabinetmaker.
- Solve problems and arrive at alternative solutions to see a project to completion.

Communication		3 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3 or	MAT 107	Career Mathematics	3 or
ENG 115	Technical Writing	3	MAT 121	College Algebra	4
			Humanities/Science/Social & Behavioral Science		
			13 credit hrs.		
			Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications		
Fine Woodworking Core for Degree			Fine Woodworking for Certificate		
41 credit hrs.			41 credit hrs.		
FIW 100	Fundamentals of Woodworking	3	FIW 100	Fundamentals of Woodworking	3
FIW 211	Shop Carpentry	4	FIW 211	Shop Carpentry	4
FIW 118	Introduction to Turning	3	FIW 118	Introduction to Turning	3
FIW 108	Tool Making and Jigs	4	FIW 108	Tool Making and Jigs	4
FIW 109	Introduction to Cabinetmaking	4	FIW 109	Introduction to Cabinetmaking	4
FIW 209	Intermediate Cabinetmaking	4	FIW 209	Intermediate Cabinetmaking	4
FIW 128	Door Making	4	FIW 128	Door Making	4
FIW 213	Furniture Making	4	FIW 213	Furniture Making	4
FIW 125	Finishing Wood	3	FIW 125	Finishing Wood	3
FIW 217	Advance Cabinet Making	4	FIW 217	Advance Cabinet Making	4
FIW 220	Advanced Furniture & Cabinet Construction	4	FIW 220	Advanced Furniture & Cabinet Construction	4
			Fine Woodworking for Mini - Certificate		
			13 credit hrs.		
			FIW 100	Fundamentals of Woodworking	3
			FIW 125	Finishing Wood	3
			FIW 118	Introduction to Turning	3
			FIW 109	Introduction to Cabinetmaking	4

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

Program: Heavy Equipment Technology - EPIC

Campus: Trinidad

AAS GRADUATION REQUIREMENTS

Total Core Credits	40
Major Requirements	27
Total Credit Hours Required	67

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	40
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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 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3 or	MAT 107	Career Mathematics	3 or
ENG 115	Technical Writing	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	Humanities/Science/Social & Behavioral Science		
COM 125	Interpersonal Communication	3	6 credit hrs.		
Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications					
Heavy Equipment Core		40 credit hrs.	Heavy Equipment Certificate		40 credit hrs.
MAN 125	Team Building	1	MAN 125	Team Building	1
OSH 127	10-Hr. Construction Industry Standards	1	OSH 127	10-Hr. Construction Industry Standards	1
DPM 100	Introduction to Diesel Mechanics	2	DPM 100	Introduction to Diesel Mechanics	2
DPM 101	Diesel Shop Orientation	2	DPM 101	Diesel Shop Orientation	2
DPM 111	Preventative Maintenance I	3	DPM 111	Preventative Maintenance I	3
DPM 211	Preventative Maintenance II	3	DPM 211	Preventative Maintenance II	3
ENT 275	Sp. Topics: Grade & Staking Surveys	3	ENT 275	Sp. Topics: Grade & Staking Surveys	3
HEQ 150	Basic Principles of Eng. Op. & Drive Train	2	HEQ 150	Basic Principles of Eng. Op. & Drive Train	2
HEQ 220	Motor Grader I	2	HEQ 220	Motor Grader I	2
HEQ 221	Motor Grader II	2	HEQ 221	Motor Grader II	2
HEQ 225	Backhoe I	2	HEQ 225	Backhoe I	2
HEQ 226	Backhoe II	2	HEQ 226	Backhoe II	2
HEQ 230	Hydraulic Excavator	2	HEQ 230	Hydraulic Excavator	2
HEQ 240	Basic Bulldozer	2	HEQ 240	Basic Bulldozer	2
HEQ 241	Bulldozer II	2	HEQ 241	Bulldozer II	2
HEQ 246	Front End Loader II	2	HEQ 246	Front End Loader II	2
HEQ 275	Independent Study	6	HEQ 275	Independent Study	6
BUS 175	Basic Workplace Skills	1	BUS 175	Basic Workplace Skills	1
Electives		12 credit hrs.			
Degree requires 12 credit hours of electives of approved courses from the following prefixes: HEQ, WEL, EIC, ADE, DPM, and/or MAC and 15 hours of General Education courses as listed.					

**Associate of Applied Science (AAS)
and Certificate Option(s)**
Program: Graphic Design
Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS

Total Core Credits	49
Major Requirements	21
Total Credit Hours Required	64

Mission Statement: The Graphic Design program prepares students for careers in the field of graphic design by providing real world experience that develops the students' individual talents, skills and interests.

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

- Utilize computers and Adobe Creative Suite at the basic skill level.
- Research new trends, features and technology in the field graphic design.
- Demonstrate excellent business communication skills.
- Demonstrate the ability to think critically, and effectively communicate resolutions.
- Apply theory to practical situations required of graphic designers.

Communication		3 credit hrs.	Mathematics		3 credit hrs.
ENG 121	English Composition I	3	MAT 107	Career Mathematics	3
COM 115	Public Speaking	3 or	MAT 121	College Algebra	4
COM 125	Interpersonal Communication	3	MAT 135	Intro to Statistics	3 or
Required Art Course			Humanities/Science/Social & Behavioral Science		
ART 110	Art Appreciation	3 or	Required Guaranteed Transfer course from Arts & Humanities; Social/Behavioral Science; Physical Life Science		
ART 111	Art History I	3			3
Graphic Design Core		43 credit hrs.	Electives		6 credit hrs.
MGD 101	Introduction to Computer Graphics	3	BUS 217	Business Communication & Report Writing	3
MGD 133	Graphic Design I	3	MGD 107	History of Design	2
MGD 141	Web Design I	3	MGD 14	Adobe InDesign	3
MGD 113	QuarkXPress	3 or	MGD 241	Web Design II	3
MGD 114	InDesign	3	MGD 268	Commercial Art Business	3
MGD 143	Web Motion Graphic Design I	3	JOU 111	Principles of Advertising	3
ART 121	Drawing I	3	ART 122	Drawing II	3
MGD 111	Adobe Photoshop I	3	ART 156	Figure Drawing I	3
MGD 112	Adobe Illustrator	3	ART 211	Painting I	3
MGD 105	Typography & Layout	3 or	BUS 102	Entrepreneurial Operations	3
MGD 116	Typography	3	MGD 109	Design & Color	3
JOU 215	Publication Production & Design	3 or			
MGD 213	Electronic Prepress	3			
MGD 109	Design and Color	3			
MGD 280	Internship	3			
MGD 175	Portfolio	1			
BUS 102	Entrepreneurial Operations	3			
	Photography Class	3			

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

CERTIFICATE GRADUATION REQUIREMENTS
Total Credits 23 - 43

Program: Graphic Design Certificates
Campus: Trinidad & Valley

Mission Statement: The Graphic Design program prepares students for careers in the field of graphic design by providing real world experience that develops the students' individual talents, skills and interests.

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

- Utilize computers and Adobe Creative Suite at the basic skill level.
- Research new trends, features and technology in the field graphic design.
- Demonstrate excellent business communication skills.
- Demonstrate the ability to think critically, and effectively communicate resolutions.
- Apply theory to practical situations required of graphic designers.

Graphic Design Certificate			43 credit hrs.			Web Design Certificate			23 credit hrs.		
MGD 101	Introduction to Computer Graphics	3	MGD 101	Introduction to Computer Graphics	3	MGD 111	Adobe Photoshop	3	MGD 112	Adobe Illustrator	3
MGD 133	Graphic Design I	3	MGD 111	Adobe Photoshop	3	MGD 112	Adobe Illustrator	3	MGD 133	Graphic Design I	3
MGD 141	Web Design I	3	MGD 112	Adobe Illustrator	3	MGD 141	Web Design	3	MGD 143	Web Motion Graphic Design I	3
MGD 113	QuarkXPress	3 or	MGD 133	Graphic Design I	3	MGD 143	Web Motion Graphic Design I	3	MGD 268	Commercial Art Business	2
MGD 114	InDesign	3	MGD 141	Web Design	3	PHO 205	Digital Photography	3			
MGD 143	Web Motion Graphic Design I	3	MGD 143	Web Motion Graphic Design I	3						
ART 121	Drawing I	3	MGD 268	Commercial Art Business	2						
MGD 111	Adobe Photoshop I	3	PHO 205	Digital Photography	3						
MGD 112	Adobe Illustrator	3									
MGD 105	Typography & Layout	3 or									
MGD 116	Typography	3									
JOU 215	Publication Production & Design	3 or									
MGD 213	Electronic Prepress	3									
MGD 280	Internship	3									
MGD 175	Portfolio	1									





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 Math 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. Letter of Application for Gunsmithing School

Prospective students shall submit a letter of application for admission into the Gunsmithing School. The letter should be approximately 500 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 requisite courses will sit for an interview. The interview committee shall consist of two Gunsmithing Faculty members and either the Associate Dean of CTE or the 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.

TSJC Gunsmithing Department

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

Program: Gunsmithing

Campus: Trinidad

AAS GRADUATION REQUIREMENTS

Total 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 credit hrs.	Business/Humanities/Science/ Social & Behavioral Science	9 credit hrs.
ENG 115 Technical Writing	3 or	Guaranteed Transfer courses from: Arts & Humanities; Social/BehavioralScience; Physical Life Science; Communications; Business or Accounting	
ENG 121 ENGLISH COMPOSITION I	3		
Mathematics	3 credit hrs.		
MAT 107 Career Mathematics	3 or		
MAT 121 College Algebra	4		
Gunsmithing Associate of Applied Science First Semester	19.5 credit hrs.	Gunsmithing Certificate First Semester	16.5 credit hrs.
GUS 100 Orientation & Firearms Safety	0.5	GUS 100 Orientation & Firearms Safety	0.5
GUS 102 Introduction to Firearms	2	GUS 102 Introduction to Firearms	2
GUS 110 Firearms Bench Metal	5	GUS 110 Firearms Bench Metal	5
GUS 112 Machine Shop I	7	GUS 112 Machine Shop I	7
WEL 175 Special Topics: Welding for Gunsmiths	2	WEL 175 Special Topics: Welding for Gunsmiths	2
General Education	3		
Second Semester	20 credit hrs.	Second Semester	14 credit hrs.
GUS 147 Firearms Repair I	5	GUS 147 Firearms Repair I	5
GUS 135 Firearms Conversion	5	GUS 135 Firearms Conversion	5
GUS 136 Firearms Metal Finishing	2	GUS 136 Firearms Metal Finishing	2
GUS 139 Stock Duplicating and Semi-Inlets	1	GUS 139 Stock Duplicating and Semi-Inlets	1
GUS 175 Special Topics: Basic Workplace Skills	1	GUS 175 Special Topics: Basic Workplace Skills	1
General Education	6		
Third Semester	15 credit hrs.	Third Semester	12 credit hrs.
GUS 119 Stockmaking I	6	GUS 119 Stockmaking I	6
GUS 205 Machine Shop II	6	GUS 205 Machine Shop II	6
General Education	3		
Fourth Semester	18.5 credit hrs.	Fourth Semester	15.5 credit hrs.
GUS 245 Stockmaking II	5	GUS 245 Stockmaking II	5
GUS 247 Firearms Repair II	7	GUS 247 Firearms Repair II	7
GUS 265 Comprehensive Skills Evaluation	0.5	GUS 265 Comprehensive Skills Evaluation	0.5
Gunsmithing electives	3	Gunsmithing electives	3
General Education	3		

**Associate of Applied Science (AAS)
and Certificate Option(s)****Program: Gunsmithing Technician Certificate****Campus: Trinidad****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			16 credit hrs.
GUN 104	Blueing and Metal Finishes	2	Eligible students may take this certificate and apply up to 12 credit hours towards the traditional gunsmithing certificate with the appropriate course waiver documentation
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	



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

Program: Rocky Mountain - Line Technician
Campus: Colorado Springs

AAS GRADUATION REQUIREMENTS

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



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

Program: Southern Colorado - Line Technician

Campus: Trinidad

AAS GRADUATION REQUIREMENTS

Total Core Credits	44
Major Requirements	18
Total Credit Hours Required	62

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	44
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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 credit hrs.	Electives			12 credit hrs.
ENG 115	Technical Writing		3 or	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.			
ENG 121	English Composition I	3					
COM 115	Public Speaking	3 or					
COM 125	Interpersonal Communication	3					
Southern Colorado Line Technician Core			44 credit hrs.	Southern Colorado Line Technician Certificate			44 credit hrs.
MAN125	Team Building		1	MAN125	Team Building		1
EIC 125	Electrical Principles & Applied Calculations		3	EIC 125	Electrical Principles & Applied Calculations		3
EIC 103	Safety & Industry Certifications		4	EIC 103	Safety & Industry Certifications		4
EIC 105	Basics of AC & DC Electricity		4	EIC 105	Basics of AC & DC Electricity		4
EIC 121	Electrical Distribution Theory		5	EIC 121	Electrical Distribution Theory		5
EIC 122	Electrical Distribution Theory II		6	EIC 122	Electrical Distribution Theory II		6
EIC 123	Electrical Distribution Lab		5	EIC 123	Electrical Distribution Lab		5
EIC 136	Advanced Electrical Distribution		6	EIC 136	Advanced Electrical Distribution		6
EIC 140	Underground Procedures		7	EIC 140	Underground Procedures		7
EIC 142	Hotline Procedures		3	EIC 142	Hotline Procedures		3



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

Program: Power Construction Supervision
Campus: Trinidad

AAS GRADUATION REQUIREMENTS

Total Credits
Must have permission of CTE Dean

61

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				61 credit hrs.	
Proof of DOL approved apprenticeship completion	43	PHI 205	Business Ethics	3	
Above credits must be transferred in as portfolio credits.		ENG 115	Technical Writing or above	3	
Students are responsible for portfolio credit cost of 50% of tuition expense. DOL apprenticeship requires 7500 hours/4 yrs. of documented apprenticeship hours.		COM 115	Public Speaking	3 or	
		COM 125	Interpersonal Communication	3	
		MAT 107	Career Math	3	
		BUS 115	Introduction to Business	3	
Select one elective class from following list					
CIS 115	Intro to Computer Information Systems	3	OSH 125	Construction Industry Standards	3
PSY 101	General Psychology	3	MAN 226	Principals of Management	3
SOC 101	Intro to Sociology	3	EMP 241	Decision Making & Problem Solving	3



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

Program: Manufacturing Technology

Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS - Valley

Total Core Credits 38

General Education 15

Total Credit Hours Required 66

Mini - CERTIFICATE GRADUATION - Trinidad & Valley REQUIREMENTS

Total Credits 9

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:

- Demonstrate technical engineering skills appropriate to program requirements.
- Analyze manufacturing engineering problems (general and technical) and make appropriate decisions.
- Demonstrate mathematical skills required for occupation.
- Demonstrate computer competency compatible with occupational needs.
- Demonstrate positive attitude and work habits in a professional manner.
- Identify new changes in career field and build personal skills to maintain state-of-the-art competencies.
- Demonstrate applied competencies in the areas of machining applications, drafting techniques, and blueprint interpretation.

Communication		6 credit hrs.	Mathematics		3 credit hrs.
ENG 115	Technical Writing	3	MAT 107	Career Mathematics	3 or
ENG 121	English Composition I	3 or	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	Humanities/Science/Social & Behavioral Science 6 credit hrs.		
COM 125	Interpersonal Communication	3	Guaranteed Transfer courses from: Arts & Humanities; Social/Behavioral Science; Physical Life Science or Communications		
Certificate and Degree Core Credits				38 credit hrs.	
MAC 101	Introduction to Machine Shop	3	MAC 121	Intermediate Milling Machine	3
MAC 102	Blueprint Reading	3	MAC 205	Introduction to CNC Milling Operations	3
MAC 110	Introduction to the Engine Lathe	3	MAC 206	CNC Milling Operations II	3
MAC 111	Intermediate Engine Lathe	3	MAC 221	Surface Grinder Setups & Operations	3
MAC 112	Advanced Engine Lathe	3	MAC 240	CAD/CAM 2D	3
MAC 113	Engine Lathe Setups & Operations IV	3	MAN 125	Team Building	1
MAC 120	Introduction to Milling Machine	3	OSH 127	10 HR Construction Industry Standards	1
Mini-CNC Machining Certificate		9 credit hrs.	Mini Manual Machining Certificate 9 credit hrs.		
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

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

AAS GRADUATION REQUIREMENTS

Total Core Credits	41
Major Requirements	19
Total Credit Hours Required	60

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 credit hrs.			Mathematics			3 credit hrs.		
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3 or	ENG 121	English Composition I	3	MAT 121	College Algebra	4
COM 115	Public Speaking	3 or	Humanities/Science/Social & Behavioral Science			6 credit hrs.			Humanities; Social/BehavioralScience; Physical Life Science or Communications		
COM 125	Interpersonal Communication	3									
Core Requirements						41 credit hrs.					
HHP 100	Complementary Healing Methods	1	MST 184	Clinical Massage	3						
HHP 145	Digestive Wellness	1	MST 106	Anatomy & Physiology For Massage Therapy	4						
HHP 160	Learn to Meditate	0.5	HHP 166	Introduction to Reflexology	1						
HHP 275	SP: Topic Expanded Aromatherapy	1	HHP 218	Acupressure	1						
HHP 208	Advanced Musculoskeletal Anatomy	2	HHP 225	Expanded Concepts of Massage	1						
HHP 224	Introduction to Massage Therapy	1	HHP 242	Healing Touch Level I	1						
HHP 235	Mind, Body, Healing & Health	3	MST 289	Capstone	0.5						
HPR 117	Kinesiology	3	MST 113	Professional Massage	3						
MST 105	Lifestyle Wellness	2	MST 204	Business Practices/Ethics	2						
MST 111	Basic Massage Therapy	4	MST 284	Clinical Massage	3						
MST 216	Pathology for Massage Therapy	3									
Electives						Pick 4 credit hrs.					
HHP 200	Bach's Essences: Health Through Mental Harmony	2	MST 275 001	Spa Massage: A Comprehensive Introduction	2						
HHP 103	Introduction to the Circle of Healing	1	MST 275 002	Business Mastery for Massage Therapists	1						
HHP 165	Visualization for Health	1	MST 275 003	Energy Medicine	1						
HHP 122	Qigong	1	HHP 275 001	Sports Massage	1						
HHP 101	Infant Massage	1									
PED 147	Yoga	1									

Admission to Nursing Program:

The following requirements must be met before admission to any Nursing program.

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 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. TSJC 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.

TSJC will not admit students who have failed or withdrawn from two NUR courses from TSJC 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

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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, 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 five pre-requisite courses for nursing are:

- ENG 121 English Composition
- PSY 235 Human Growth and Development
- BIO 201 Human Anatomy and Physiology I
- BIO 202 Human Anatomy and Physiology II
- BIO 204 Microbiology

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. It is recommended that they 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

continued on next page

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,
<http://www.cccs.edu/edservices/gtpathways.html>.

BIO 216 Pathophysiology (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.

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

Program: Nursing

Campus: Trinidad and Valley

AAS GRADUATION REQUIREMENTS

Total Core Credits	62
Major Requirements	18
Total Credit Hours Required	80

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.



Associate of Applied Science - Nursing

Pre Admission Test HESI		Minimum Score	Recommended Prerequisites for Associates of Applied Science Nursing				
Reading		75%	HPR 178	Medical Terminology	1		
Math (if lower then KEYS program)		75%	AAA 050	Semester Survival	2		
Cumulative		75%	NUR 101	Pharm Cal	1		
			NUA	Nurse Aid Courses	9.5		
Prerequisite Placement testing or successful course completion							
Testing Area	Accuplacer Score	or	ACT Score	or	SAT Score	or	Passing course with a "C" or better
Reading	RC 80 or grater		17		430		REA 090
English	SS 95 or grater		18		440		ENG 090
Mathematics	EA 61 or grater		19		460		MAT 090
Nursing Prerequisites			Recommended for Bachelor of Science Nursing				
All must be completed within the last 7 years.							
BIO 201	Anatomy and Physiology I		4	MAT 135	Introduction to Statistics		3
BIO 202	Anatomy and Physiology II		4	MAT 121	College Algebra		3 or
BIO 204	Microbiology		4	MAT 123	Finite Mathematics		3
ENG 121	English		3	ENG 122	English Composition		3
PSY 235	Growth and Development		3	PSY 101	General Psychology I		3
				CHE 101	Introduction to Chemistry I		5
					Extra Humanities Elective		3
					Extra Social Science/History		3
Articulation Agreements							
Please talk to your Advisor about RN to BSN options and/or dual enrollment							
1. Adams State			4. Colorado Mesa University				
2. UCCS			5. Other: _____				
3. CSU-Pueblo							

Practical Nurse Certificate

First Semester	18 credit hrs.	Second Semester	16 credit hrs.		
NUR 109	Fundamentals of Nursing	8	NUR 106	Medical and Surgical Nursing Concepts	9
NUR 112	Basics of Pharmacology	2	NUR 150	Nursing Care of Obstetric and Pediatric Clients	7
HPR 108	Dietary Nutrition	1			
NUR 103	Math for Clinical calculations	3			
BIO 216	Pathophysiology	4			

Students seeking the LPN Certification may do so at the addition of NUR 169 - 5 credit hrs. during the Summer Semester and then transition into Practical Nursing.

Third Semester	13 credit hrs.	Fourth Semester	15 credit hrs.		
Additionally students with an LPN seeking an AAS degree to be able to test for the NCLEX-RN will need to take NUR 189 Transition from LPN to ADN 4 credit hrs.		NUR 216	Advanced Concepts of Medical Surgical Nursing II	6	
NUR 206	Advanced Concepts of Medical Surgical Nursing I	8	NUR 230	Leadership, Managements and Trends	5
NUR 212	Pharmacology II	2	NUR 211	Nursing Care of Psychiatric Clients	4
	Humanities/Social Behavioral Elective	3			

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 provided 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: 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 Aid Certificate Trinidad			Nurse Aid Certificate Valley		
9.5 credit hrs.			9.5 credit hrs.		
NUA 101	Nurse Aid Health Care Skills	4	NUA 101	Nurse Aid Health Care Skills	4
NUA 105	Home Health Aide Theory	2	NUA 105	Home Health Aide Theory	2
NUA 170	Nurse Aid Clinical	1	NUA 170	Nurse Aid Clinical	1
NUA 171	Advanced Nurse Aid Clinical	1	NUA 171	Advanced Nurse Aid Clinical	1
NUA 172	Nurse Aid Clinical Practice with the elderly	1	NUA 172	Nurse Aid Clinical Practice with the elderly	1
HPR 102	CPR for Nurse Aid	0.5	HPR 102	CPR for Nurse Aid	0.5

Long Term Health Care Certificate Trinidad & Valley		
16 credit hrs.		
NUA 101	Nurse Aid Health Care Skills	4
NUA 105	Hoe Health Aide Theory	
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
The Long Term Care Certificate requires 6.5 credit hours of electives from the following prefixes: PHI, PSY, HHP, HPR, HIT, HWE AND HSE		

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

Program: Occupational Safety & Health

Campus: Trinidad & Online

AAS GRADUATION REQUIREMENTS

Total Core Credits	49
Major Requirements	21
Total Credit Hours Required	70

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	30
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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 bot 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			9 credit hrs.	Mathematics			4 credit hrs.
ENG 115	Technical English & Comm	3 or		MAT 121	College Algebra		4
ENG 131	Technical Writing I	3		Science			8 credit hrs.
COM 115	Public Speaking	3 or		CHE 101	Introduction to Chemistry		5
COM 125	Interpersonal Communication	3		PSY 101	General Psychology		3
OSH Core				49 credit hrs.			
OSH 115	General Industry Standards	5		OSH 215	Accident Prevention		3
OSH 125	Construction Industry Standards	3		OSH 225	Industrial Hygiene		3
OSH 135	Case Study Evaluation	5		OSH 226	Ergonomics: Managing Task Stress		3
OSH 145	Fire Protection and Analysis	3		OSH 235	Workers' Compensation		2
OSH 146	Hazardous Materials	2		OSH 245	Safety Program Planning/Admin		3
OSH 155	Environmental Regulatory Framework	3		OSH 246	Safety Training Methods		3
BIO 106	Basic Anatomy and Physiology	4		OSH 255	Industrial Hygiene Instrument Lab		3
					OSH Electives		4
OSH Certificate				30 credit hrs.			
OSH 125	Construction Industry Standards	3		OSH 100	Intro to Occupational Safety & Health		1
OSH 145	Fire Protection and Analysis	3		OSH 165	Excavation Safety		1
OSH 146	Hazardous Materials	2		OSH 281	Internship		5-12
OSH 215	Accident Prevention	3		OSH 285	Independent Study		2
OSH 225	Industrial Hygiene	3		EMP 105	Emergency Planning		3
OSH 226	Ergonomics: Managing Task Stress	3		HWE 103	Community First Aid/CPR		1
OSH 235	Workers' Compensation	2		PHI 205	Business Ethics		3
OSH 245	Safety Program Planning/Admin	3					
	OSH Electives	3					

**Associate of Applied Science (AAS)
and Certificate Option(s)**
Program: Office Technologies
Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS	
Total Core Credits	49
Major Requirements	15
Total Credit Hours Required	64

CERTIFICATE GRADUATION REQUIREMENTS	
Total Credits	21 - 35

Mission Statement: The Department of Office Technologies prepares students for working in the business office by providing skills, knowledge and practice of administrative support, business communication and professional ethics.

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

- Utilize computers and Adobe Creative Suite at the basic skill level.
- Research new trends, features and technology in the field graphic design.
- Demonstrate excellent business communication skills.
- Demonstrate the ability to think critically, and effectively communicate resolutions.
- Apply theory to practical situations required of graphic designers.

Communication		3 credit hrs.	Mathematics		3 credit hrs.
ENG 115	Technical Writing	3 or	MAT 107	Career Mathematics	3 or
ENG 121	English Composition I	3	MAT 121	College Algebra	4
COM 115	Public Speaking		Humanities/Science/Social & Behavioral Science		
COM 125	Interpersonal Communications	3	6 credit hrs.		
			Humanities		3 or
			Science		3 or
			Social & Behavioral Science		3
Office Technologies Core			49 credit hrs.		
Based on your skill level, you may be assigned to one or more of the following as a prerequisite to the following BTE classes			CIS 118	Introduction to PC Applications	3
BTE 100	Computer Keyboarding	1	CIS 135	Complete PC Word Processing	3
BTE 102	Keyboarding Applications I	1	CIS 145	Complete PC Database	3
BTE 111	Keyboarding Speedbuilding I	1	CIS 155	PC Spreadsheet Concepts	3
BTE 112	Keyboarding Speedbuilding II	2	CIS 161	Presentation Graphics I	1
			CIS 167	Desktop Publishing	3 or
			MGD 114	InDesign	3
			MAN 226	Principles of Management	3 or
ACC 121	Accounting Principles I	4	MAR 216	Principles of Marketing	3
ACC 245	Computerized Accounting w/Pro Package	3	MAT 112	Financial Mathematics	3
BTE 103	Keyboarding Applications II	3	BUS 289	Capstone	1
BTE 108	Ten-Key by Touch	1	Electives can be taken from approved BUS, BTE, CIS, CNG, CSC, CWB MGD, MAN, MAR, ACC classes		
BTE 204	Keyboarding Applications III	3			
BTE 225	Office Management	3			
BUS 115	Introduction to Business	3			
BUS 216	Legal Environment of Business	3			
BUS 217	Business Communication & Report Writing	3			

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

CERTIFICATE GRADUATION REQUIREMENTS
Total Credits 21 - 22.5¹

Program: Office Technologies

Campus: Trinidad & Valley

Mission Statement: The Department of Office Technologies prepares students for working in the business office by providing skills, knowledge and practice of administrative support, business communication and professional ethics.

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

- Demonstrate customer service in the workplace by being attentive, timely and personal.
- Demonstrate professional ethics in the workplace.
- Demonstrate proficient use of technology used in the workplace.
- Demonstrate proficient use of general office skills.
- Apply theory to practical situations working in the business office

Office Technologies Certificate				35 credit hrs.			
ACC 121	Accounting Principles I	4		BUS 217	Business Communication & Report Writing	3	
MAT 107	Career Math	3		CIS 118	Introduction to PC Applications	3	
ACC 245	Computerized Accounting w/Pro Package	3		CIS 135	Complete PC Word Processing	3	
BTE 103	Keyboarding Applications II	3		CIS 155	PC Spreadsheet Concepts	3	
BTE 108	Ten-Key by Touch	1		MAT 112	Financial Mathematics	3	
BTE 204	Keyboarding Applications III	3					
BTE 225	Office Management	3					
Office Basic Mini - Certificate			22.5 credit hrs.	Basic Job Skills Mini - Certificate			21 credit hrs.
BTE 100	Computer Keyboarding	1 and		BTE 103	Keyboarding Applications II	3	
BTE 112	Keyboarding Speedbuilding II	2 or		CIS 167	InDesign	3 or	
BTE 102	Keyboarding Applications I	1 and		MGD 114	Desktop Publishing	3	
BTE 175	Special Topics	2		CIS 135	Complete PC Wordprocessing	3	
BTE 108	Ten-Key by Touch	1		BUS 217	Bus Com/Report Writing	3 or	
BUS 117	Business Writing	1		BTE 225	Administrative Office Management	3	
CIS 118	Intro to PC Applications	3		CIS 118	Intro to PC Applications	3	
COM 125	Interpersonal Communication	3		COM 125	Interpersonal Communication	3	
BTE 116	File Management	1			Internship or Elective	3	
BTE 102	Keyboarding Applications I	1 and		Accounting Clerk Mini - Certificate			
BTE 175	Special Topics	2 or		21 credit hrs.			
BTE	Keyboarding Applications II	3		ACC 115	Payroll Accounting	3	
CIS 135	Complete PC Word Processing	3		ACC 121	Accounting Principles I	4	
MAN 117	Time Management	1		ACC 135	Spreadsheet Applications for Accounting	3	
BTE 129	Telecommunications	0.5		ACC 245	Computerized Accounting w/Pro Package	3	
	BUS, BTE, or CIS elective or internship	3		BTE 108	Ten-Key by Touch	1	
				CIS 155	PC Spreadsheet Concepts	3	
				ACC 122	Accounting Principles II	4	

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

Program: Welding Technology - EPIC

Campus: Trinidad & Valley

AAS GRADUATION REQUIREMENTS

Total Core Credits	39
Major Requirements	28
Total Credit Hours Required	67

CERTIFICATE GRADUATION REQUIREMENTS

Total Credits	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.

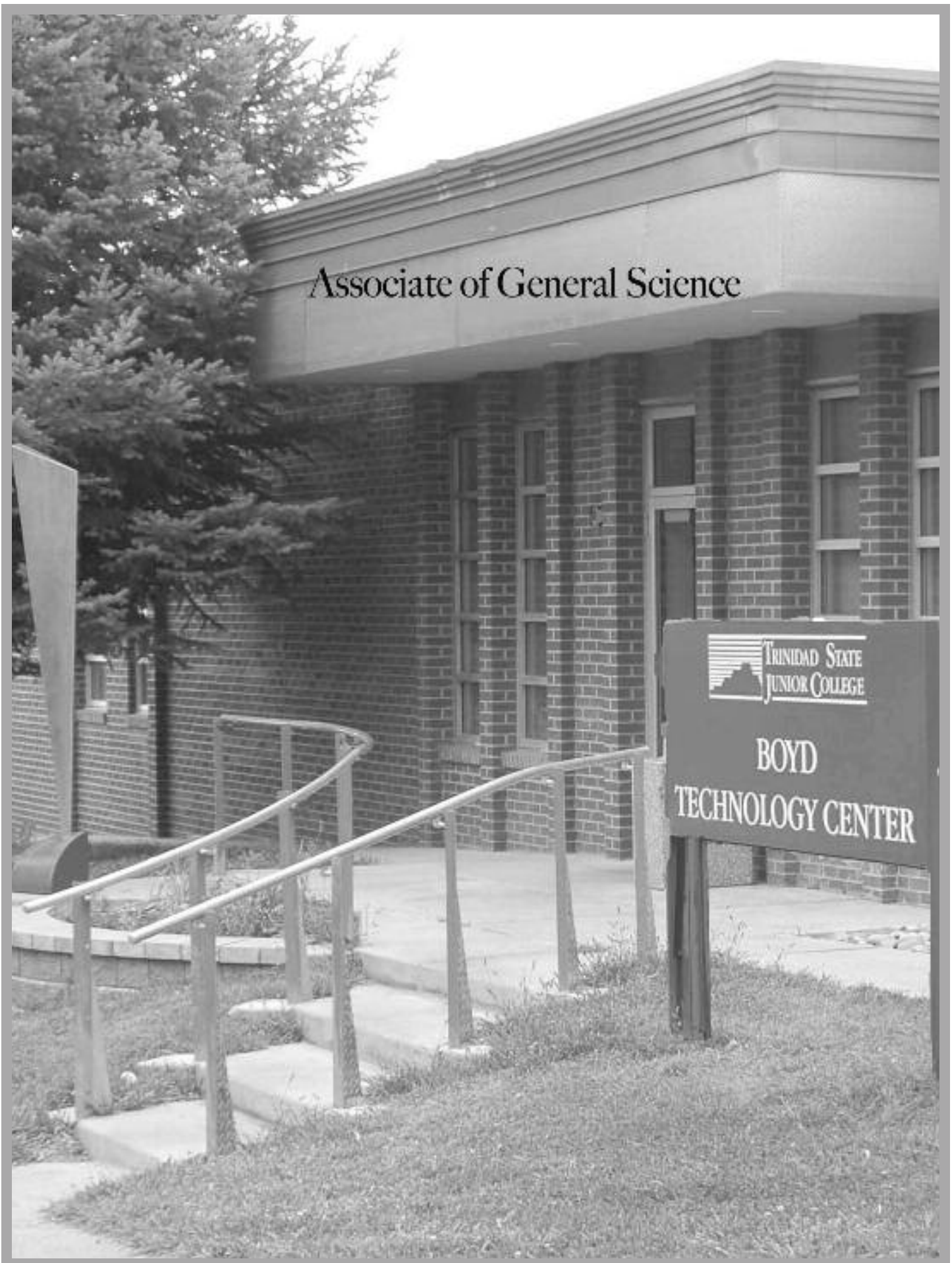
Program Learning Outcomes: Students graduating with a certificate or Associate of Applied Science degree in Welding Technology-EPIC will be prepared to:

- 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 credit hrs.	Mathematics		3 credit hrs.
ENG 115	Technical Writing	3	MAT 107	Career Mathematics	3 or
COM 115	Public Speaking	or 3	MAT 121	College Algebra	4
COM 125	Interpersonal Communications	3			
Welding Core		39 credit hrs.	Welding Certificate		39 credit hrs.
MAN 125	Team Building	1	MAN 125	Team Building	1
OSH 127	10-Hr. Construction Industry Standards	1	OSH 127	10-Hr. Construction Industry Standards	1
WEL 102	Oxyacetylene Joining Processes	4	WEL 102	Oxyacetylene Joining Processes	4
WEL 113	Oxyfuel and Plasma Cutting	2	WEL 113	Oxyfuel and Plasma Cutting	2
WEL 121	Structural Welding I	3	WEL 121	Structural Welding I	3
WEL 122	Structural Welding II	3	WEL 122	Structural Welding II	3
WEL 124	Intro to Gas Tungsten Arc Welding	4	WEL 124	Intro to Gas Tungsten Arc Welding	4
WEL 125	Intro to Gas Metal Arc Welding	4	WEL 125	Intro to Gas Metal Arc Welding	4
WEL 203	Flux Cored Arc Welding I	4	WEL 203	Flux Cored Arc Welding I	4
WEL 224	Advanced Gas Tungsten Arc	4	WEL 224	Advanced Gas Tungsten Arc	4
WEL 230	Pipe Welding I	4	WEL 230	Pipe Welding I	4
WEL 231	Pipe Welding II	4	WEL 231	Pipe Welding II	4
BUS 175	Basic Workplace Skills	1	BUS 175	Basic Workplace Skills	1
Electives		13 credit hrs.			
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.					







Associate of General Studies (AGS)

Program: General Studies

GRADUATION REQUIREMENTS

General Education 32¹
Major Requirements 28

Total Credit Hours Required 60

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 030-090, Reading 030-090 & Math 030-099) will not count toward this degree. The Accuplacer Testing System is used to measure Arithmetic (ACAR), Algebra (ACEA), Reading (ACRC) and Sentence Skills (ACSS).

General Education Requirements.....32¹ Credit Hrs.

¹The general education requirement for this degree program may exceed the minimum standard number of hours. For more information, contact your advisor. **Required classes are in bold italic type**

Communication 6 credit hrs.		Mathematics 3 credit hrs. minimum	
ENG 121	English Composition I 3	MAT 107	Career Math 3
ENG 122	English Composition II 3	MAT 120	Mathematics for Liberal Arts 4
COM 115	Public Speaking 3 or	MAT 121	College Algebra 4
COM 125	Interpersonal Communication 3	MAT 135	Intro. to Statistics 3
		MAT 166	Pre-Calculus 5
		MAT 201	Calculus I 5
		MAT 202	Calculus II 5
Physical & Life Sciences 4 credit hrs. minimum		Social & Behavioral Sciences 6 credit hrs.	
		The credits must be from two different disciplines including a history	
AST 101	Astronomy I 4	History:	
AST 102	Astronomy II 4	HIS 101	History of Western Civilization I 3
BIO 105	Science of Biology 4	HIS 102	History of Western Civilization II 3
BIO 111	General College Biology I 5	HIS 201	U.S. History I 3
BIO 112	General College Biology II 5	HIS 202	U.S. History II 3
BIO 201	Human Anatomy & Physiology I 4	Economic and Political Systems:	
BIO 202	Human Anatomy & Physiology II 4	ECO 201	Principles of Macroeconomics 3
BIO 204	Microbiology 4	ECO 202	Principles of Microeconomics 3
BIO 220	General Zoology 5	POS 105	Introduction to Political Science 3
BIO 221	Botany 5	POS 111	American Government 3
CHE 102	Introduction to Chemistry II 5	POS 205	International Relations 3
CHE 105	Chemistry in Context 5	Geography:	
CHE 111	General College Chemistry I 5	GEO 105	World Regional Geography 3
CHE 112	General College Chemistry II 5	GEO 106	Human Geography 3
GEY 111	Physical Geology 4	Human Behavior and Social Systems:	
GEY 121	Historical Geology 4	ANT 101	Cultural Anthropology 3
PHY 105	Conceptual Physics 4	ANT 111	Physical Anthropology 3
PHY 111	Physics: Algebra-Based I 5	PSY 101	General Psychology I 3
PHY 112	Physics: Algebra-Based II 5	PSY 102	General Psychology II 3
PHY 211	Physics: Calculus-Based I 5	PSY 235	Human Growth and Development 3
PHY 212	Physics: Calculus-Based II 5	PSY 238	Child Development 3
		PSY 249	Abnormal Psychology 3
		SOC 101	Introduction to Sociology 3
		SOC 102	Introduction to Sociology II 3
The prerequisite for Biology 201 is the appropriate Biology Accuplacer score, or successful completion of Biology 111			

continued on next page

Associate of General Studies (AGS) continued

Arts & Humanities	The credits must be from three different disciplines	6 credit hrs.	
Arts:		Literature & Humanities:	
ART 110 Art Appreciation	3	HUM 121 Humanities Early Civilizations	3
ART 111 Art History I	3	HUM 122 Humanities Medieval to Modern	3
ART 112 Art History II	3	HUM 123 Humanities Modern World	3
MUS 120 Music Appreciation	3	LIT 115 Introduction to Literature	3
MUS 121 Music History I	3	LIT 201 Masterpieces of Literature I	3
MUS 122 Music History II	3	LIT 202 Masterpieces of Literature II	3
MUS 123 Survey of World Music	3	LIT 211 Survey of American Literature I	3
THE 105 Theater Appreciation	3	LIT 212 Survey of American Literature II	3
THE 211 Development of Theatre I	3	Ways of Thinking:	
THE 212 Development of Theatre II	3	PHI 111 Introduction to Philosophy	3
SPA 211 Spanish Language III	3	PHI 112 Ethics	3
SPA 212 Spanish Language IV	3	PHI 113 Logic	3

General Education Electives	7 Credit Hours	Electives	18 credit hours
		Electives should be selected after consulting with an academic advisor and referring to appropriate four-year institutions' transfer guides.	
Choose seven of more credits from the list of guaranteed transfer courses.		Select from academic and/or Career & Technical electives.	





Course Descriptions

AAA - Advancing Academic Achievement.....	167	FIW - Fine Woodworking.....	194
ABM - Agriculture Business Management.....	167	GEO - Geography.....	195
ACC - Accounting.....	168	GEY - Geology.....	195
AGB - Agriculture Diesel & Equipment.....	168	GIS - Geography Information Systems	195
AGE - Agriculture Economics	168	GUN - Gunsmithing – NRA.....	195 - 196
AGP - Agriculture Production	168 - 169	GUS - Gunsmithing.....	196 - 198
AGY - Agriculture Crops & Soils	169	HEQ - Heavy Equipment.....	198
AME - Agriculture Mechanics.....	169	HHP - Holistic Health Professional.....	198 - 199
ANT - Anthropology.....	169	HIS - History	200
AQT - Aquaculture	169 - 171	HOS - Hospitality	200
ART - Art	171	HPR - Health Professional.....	201
ASC - Animal Science	172	HUM - Humanities	201
ASE - Auto Service Technology.....	172 - 173	HWE - Health & Wellness.....	201 - 202
AST - Astronomy.....	173	JOU - Journalism	202
BAR - Barber.....	173 - 174	LEA - Law Enforcement Academy.....	202
BIO - Biology	174 - 175	LIT - Literature	202 - 203
BTE - Business Technology	175 - 176	MAC - Machining.....	203 - 204
BUS - Business.....	176	MAN - Management.....	204 - 205
CAD - Computer Assisted Drafting	176	MAR - Marketing	205
CAR - Carpentry	177	MAT - Math.....	205 - 206
CHE - Chemistry.....	177 - 178	MGD - Graphic Design	206 - 207
CIS - Computer Information System.....	178 - 179	MOT - Medical Office Technology.....	207 - 208
CNG - Computer & Networking Tech	179 - 180	MST - Massage Therapy.....	208 - 209
COM - Communication	180 - 181	MUS - Music	209 - 210
CON - Construction Technology	181	NAT - Nail Technician	210
COS - Cosmetology.....	182 - 184	NRE - Natural Resources.....	210 - 211
CRJ - Criminal Justice	184 - 185	NUA - Nursing Assistant.....	211
CSC - Computer Science.....	185	NUR - Nursing.....	212 - 203
CSL - Counseling	185 - 186	OSH - Occupational Safety Technician.....	213 - 214
CWB - Computer Web-Based	186	PED - Physical Education.....	214
DPM - Diesel Power Mechanics.....	186 - 187	PRE - Physical Education & Recreation	214
DRV - Driving.....	187	PHI - Philosophy.....	214 - 215
ECE - Early Childhood Education.....	187 - 188	PHO - Photography (See Art also)	215
ECO - Economics.....	189	PHY - Physics	215
EDU - Education.....	190	POS - Political Science	215 - 216
EGG - Engineering.....	190	PSY - Psychology.....	216
EIC - Electricity Ind./Commercial	190	RAM - Range Management.....	216
ELT - Electronics	190 - 191	SCI - Science.....	217
EMP - Emergency Mgmt. & Planning.....	191	SOC - Sociology.....	217
EMS - Emergency Medical Service.....	191	SPA - Spanish.....	217
ENG - English.....	191 - 193	THE - Theater.....	217 - 218
ENT - Engineering Technology	193	WEL - Welding.....	218 - 219
EQM - Equine Management	193 - 194		

Course Descriptions

Advancing Academic Achievement

AAA 050 Semester Survival

2 Credits

Emphasizes basic study skills in order to bolster their chances of completing the current semester successfully.

Agriculture Business Management

ABM 111 Records & Business Planning I

9 Credits

Guides the student in the collection of necessary information to implement a computerized record keeping system. Discussion will include computer terminology, application software, balance sheet concepts, accounting principals, computerized accounting reports, and business plan components.

ABM 112 Records & Business Planning II

9 Credits

Focuses on implementing a computerized record keeping system. Emphasis is placed on the application and maintenance of an accurate set of computerized financial records, use of a filing system and compiling a business plan.

ABM 121 Financial Analysis I

9 Credits

Covers calculating actual enterprise cost analysis to facilitate the development of whole business projected cash flow statements. All facets of record keeping and updating of data will be emphasized, including refining and maintaining of a current accounting system. This course includes the review and revision of business planning goals and objectives.

ABM 122 Financial Analysis II

9 Credits

Presents business analysis through the development of accurate cost and market value accrual balance sheets for the beginning and ending period. Emphasis will be on the measurement and analysis of changes between the two balance sheets. Analysis will include the preparation of an accrual income statement. Financial ratios will be generated to understand their importance to business analysis. Data generated from an established record keeping system will provide the basis for the development of these accrual financial statements.

ABM 131 Commodity Marketing I

9 Credits

Explores the terminology associated with commodity

marketing and management of the risks associated with agricultural production and marketing. Discussion will include cash marketing alternatives as well as the basics of utilizing futures and options contracts. Includes the initial steps towards the development of a marketing plan. Continued maintenance of an established record keeping system is a must to provide cost of production data for enterprises. Cost of production figures for all enterprises will be determined. These enterprise calculations will result in the initial establishment of a cost of production trend for all enterprises.

ABM 132 Commodity Marketing II

9 Credits

Explores marketing alternatives in greater depth. Price behavior will be analyzed using technical and fundamental analysis. The marketing plan will be completed through the application of local marketing alternatives, futures contracts, option contracts, and price behavior information. Cost of production figures for all enterprises will be calculated. Includes the initial steps toward developing an enterprise trend analysis.

ABM 135 Marketing & Risk Mgmt. I

9 Credits

Teaches students to conduct marketing research and analysis for the initial steps for developing a marketing plan. The focus will be on defining markets, analyzing competition, identification of products/services, pricing, and customer wants and needs. In addition, added value products and niche markets will be explored. The maintenance, refining, or implementation of system to provide accurate sales and expense information will be addressed. Sale and expense calculations will result in the establishment of sale/pricing trends for all enterprises along with margin calculations.

ABM 136 Marketing & Risk Mgmt. II

9 Credits

Develops an overall marketing plan derived from marketing research and analysis conducted in ABM 135. It includes a look at advertising, promotion, e-commerce, and risk management. This will include the maintenance review of existing software used to track sales and cost information. A trend of historical sales and expenses will be implemented.

ABM 141 Advanced Business Management I

9 Credits

Explores further in-depth financial analysis of the business. Includes a review of existing financial trends and emphasis of pro forma activities for further analysis of the business. The maintenance of accurate accrual records and historical data provide the data basis for the pro-forma activities and measuring the business performance past and present.

ABM 142 Advanced Business Mgmt. II

9 Credits

Focuses on revision of the business plan on a periodic basis and strengthening of management skills by focusing on the

five main sources of risk. The student will be exposed to various methods of finding resource materials needed to keep the business plan current and to manage for the future. The maintenance of accurate accrual records and historical data provides the foundation needed for analysis.

Accounting

ACC 121 Accounting Principles I

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 122 Accounting Principles II

4 Credits

Continues the study of accounting principles as they apply to partnerships and corporations. Major topics include stocks and bonds, investments, cash flow statements, financial analysis, budgeting, and cost and managerial accounting.

ACC 235 Computerized Acct: Small Bus

3 Credits

This course introduces spreadsheets as an accounting tool. Using an accounting perspective, the student applies fundamental spreadsheet concepts. The spreadsheet is used as a problem solving and decision making tool.

ACC 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.

Agriculture Diesel & Equipment

AGB 132 Agricultural Accounting/Business Analysis

3 Credits

Focuses on practical uses of accounts and records with emphasis on accounting principles and analysis of the agricultural business.

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. (75 Contact Hours)

Agriculture Business

AGB 218 Computerized Farm Records

3 Credits

Emphasizes the planning and development of record keeping systems, the interpreting and analyzing of agricultural business records, balance sheets, cash flows, and income statements with the aid of a computer.

AGB 228 Agri-Business Management

3 Credits

Provides the student with basic management principles and practical experience in applying principles of economics, business, marketing, and finance to the management of an agri-business operation.

AGB 289 Agri-Business Capstone

0 to 12 Credits

Provides the student with information necessary for employment and for developing job search skills by offering instruction in writing resumes and cover letters, filling out job applications and developing interviewing skills.

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 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.

Agriculture Production

AGP 100 Practical Crop Production

4 Credits

Covers cultural practices and production management of selected field crops indigenous to the Great Plains region. Focuses on laboratories in basic crop principles, crops and weed seed and plant identification, crop improvement and grain quality and grades.

Course Descriptions

AGP 107 Practical Irrigation Mgmt.

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.

AGP 108 Agricultural Pesticides

3 Credits

Covers the basic laws and regulations, formulations, physical and environmental safety, mixing, application and use of agricultural pesticides for the control of weeds, insects, diseases, and vertebrate pests common to Colorado.

AGP 110 Integrated Pest Management

3 Credits

Identification and control of economically important weeds, insects and diseases through systems approach management concepts including cultivation, chemical and biological control mechanisms.

AGP 175 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

AGP 180 Production Ag Internship

0 to 12 Credits

Students are employed at work or at home in a production agriculture setting, either farming or ranching. This work experience must cover a minimum of 320 hours, involving the student in all facets of the operation. Guidance and supervision is the responsibility of the supervising employer and Coordinator of Production Ag. Emphasizes records, managerial decisions, and production agriculture skills.

AGP 204 Soil Fertility and Fertilizers

4 Credits

Emphasizes soil fertility and plant nutrition in crop production, soil-plant relations, diagnostic techniques and methods of evaluating soil fertility. Includes composition, manufacture, marketing and use of fertilizer materials and their reactions with soils and plants.

AGP 241 Beef Cattle Management I

3 Credits

Provides training in management pertaining to the economics of a commercial cow-calf operation. Includes reproduction, feeding, herd health, selection, record keeping, financial management, and marketing.

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.

Agriculture Mechanics

AME 107 General Power Mechanics

2 Credits

Teaches the theory of operation and maintenance of small engines and related power equipment used on the farm.

AME 151 Fundamentals of Welding

3 Credits

Develops basic welding skills, principles, and practices in arc and oxy-acetylene welding.

Anthropology

ANT 101 Cultural Anthropology : SS3

3 Credits

Studies human cultural patterns and learned behavior. Includes linguistics, social and political organization, religion, culture and personality, culture change, and applied anthropology.~~This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

ANT 111 Physical Anthropology : SS3

3 Credits

Studies human biology and its effects on behavior. Includes principles of genetics and evolution, vertebrates and primates, human origins, human variation, and ecology.~~This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

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 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.

AQT 230 Aquaculture Engineer/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 specie(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 Bus. & 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**0 to 12 Credits**

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

AQT 285 Independent Study**0 to 12 Credits**

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

AQT 288 Aquaculture Practicum**0 to 12 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

Course Descriptions

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 110 Art Appreciation: AH1 3 Credits

Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

ART 111 Art Hist.. Ancient/ Mediev 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

ART 112 Art Hist. Renaiss./1900: 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. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

ART 121 Drawing I 3 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 122 Drawing for the Graphic Novel 3 Credits

Introduces the drawing and fine art principles used in developing illustrations for the graphic novel. Students explore the graphic novel as a vehicle for a unique, personal venue for artistic expression. Students explore the history of the graphic novel as well as examine different artistic styles used in the development of graphic novel illustrations. The application of artistic concepts in the creation of an individual graphic work and thorough examination of course material in terms of style, design considerations and visual elements are the primary focus. Students will create images for a graphic novel, focusing on unity of style and techniques for creating images appropriate to story line using black and white or gray scale illustrations.

ART 124 Watercolor1 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 138 Film Photography I 3 Credits

Introduces black and white film photography as a fine art medium and develops skills necessary for basic camera and lab operations.

ART 139 Digital Photography I 3 Credits

Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools and output devices by executing new assignments and applying these technologies to their photographic process.

ART 140 Color Photography I 3 Credits

Covers the fundamentals of color photography such as color theory and light, production, processing and printing color negatives.

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 161 Ceramics I 3 Credits

Introduces traditional and contemporary ceramic forms and processes including hand building and throwing on the potter's wheel.

ART 165 Sculpture I 3 Credits

Introduces the fundamentals of sculpture such as modeling, casting, carving, and the processes of assemblage.

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.

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 215 Livestock Judging 2 Credits

Emphasizes comparative selection, grading, and judging of market and breeding classes of livestock based on knowledge of phenotype, performance information, and/or carcass merit.

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.

Auto Service Technology

ASE 110 Brakes I 3 Credits

Covers basic operation of automotive braking systems. Includes operation, diagnosis, and basic repair of disc brakes, drum brakes, and basic hydraulic systems.

ASE 120 Basic Auto Electricity 2 Credits

Introduces vehicle electricity and includes basic electrical theory, circuit designs, and wiring methods. Focuses on multi-meter usage and wiring diagrams.

ASE 123 Battery, Starting & Charging 2 Credits

Covers the operation, testing, and servicing of vehicle battery, starting, and charging systems. Includes voltage and amperage testing of starter and generator, load testing and maintenance of a battery, and starter and generator overhaul.

ASE 130 General Engine Diagnosis 2 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors.

ASE 132 Ignition System Diag. & 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 Emissions 2 Credits

Focuses on lecture and laboratory experiences in the diagnosis and repair of automotive emission control systems.

ASE 140 Steering and Suspension I 3 Credits

Focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.

ASE 150 U-joint and Axle Shaft Service 2 Credits

Studies the operating principles and repair procedures relating to axle-shaft and universal joints.

ASE 151 Man Trans/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 Differentials & 4WD/AWD Repair 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 Engine Removal & Installation 1 Credit

Focuses on lecture and laboratory experiences in the removal and installation procedures of the automotive engine from and into front wheel and rear wheel drive vehicles.

ASE 210 Brakes II 3 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 Auto/Diesel Body Electrical 4 Credits

Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.

ASE 231 Auto/Diesel Computers 2 Credits

Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.

Course Descriptions

ASE 233 Fuel Injection and Exhaust

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 Drivability Diagnosis

1 Credit

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 drivability problems.

ASE 240 Suspension and Steering II

3 Credits

Emphasizes lecture and related experiences in the diagnosis and service of electronic suspensions and steering systems and their components.

ASE 250 Auto Trans/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

5 Credits

Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components.

Astronomy

AST 101 Astronomy I w/Lab: 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. ~This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

AST 102 Astronomy II: 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. ~This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

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 Intro./Shaving/Honing/Strop

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 Inter/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 applications 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 air forming 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 Intro. Perm Waves/Chem. Relxrs.**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 Inter Perm Waves/Chem. Relxrs.**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 Intro. 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 Inter 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 Adv. 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.

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 Adv. Perm Waves/Chem 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 Adv. 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.

Biology**BIO 105 Science of Biology: 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. ~This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

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 Gen College Biology I/Lab: 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

Course Descriptions

respiration, and photosynthesis, as well as cell reproduction and basic concepts of heredity. The course includes laboratory experience. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

BIO 112 Gen College Biology II/Lab: SC1 5 Credits

Continues Biology I. Includes ecology, evolution, classification, structure, and function in plants and animals. Includes laboratory experience. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

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 & Physiology I: 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 & Physiology II: 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.

BIO 204 Microbiology: 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.

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.

BIO 220 General Zoology: 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.

BIO 221 Botany: 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.

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.

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.

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.

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 111 Keyboarding Speedbuilding I**2 Credits**

Designed to increase speed and improve accuracy in keyboarding on the PC through the use of correct techniques and concentrated effort.

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.

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 175 Special Topics**0 to 12 Credits**

A continuation of BTE 112 including the techniques of machine operations and fundamentals of business writing. Speed development program included.

BTE 204 Keyboarding Applications III**3 Credits**

Produces mailable computer printouts from straight-copy, rough-draft, and simulated office projects and develops the ability to make decisions without direct supervision.

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, work flow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.

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 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 Bus Communication/Rept. Write**3 Credits**

Emphasizes effective business writing and covers letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication.

BUS 226 Business Statistics**3 Credits**

Focuses on statistical study, descriptive statistics, probability, and the binominal distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for the business major.

BUS 289 Capstone**0 to 12 Credits**

Demonstrates the culmination of learning within a given program of study.

Computer Assisted Drafting**CAD 101 Computer Aided Drafting I****3 Credits**

Focuses on basic computer aided drafting skills using the latest release of CAD software. Includes file management, Cartesian coordinate system, drawing set-ups, drawing aids, layer usage, drawing geometric shapes, editing objects, array, text applications, basic dimensioning, and Help access.

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/Blueprint Read

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 rebar and welded wire fabric.

CAR 125 Roofing Materials & Methods

1 Credit

Covers application techniques and estimation of asphalt and wood roofing products and accessories including gutters and flashing.

CAR 126 Framing With Metal Studs

1 Credit

Includes instructions for selecting and installing metal framing for interior walls, exterior non-loadbearing walls, and partitions.

CAR 133 Construction Framing & Safety

4 Credits

Utilizes hands-on techniques to illustrate basic framing methods and materials. Floor/Wall/and Roof framing will be discussed/demonstrated and taught. There will be extensive utilization of modern and western residential framing methods. The course will also include 10 hours of OSHA approved safety instruction, which will qualify the student for their 10 hour safety card.

CAR 134 Exterior Finishes and Trim

4 Credits

Utilizes hands-on techniques to illustrate exterior moisture, trim, and exterior door and window installation. Student will explore various residential materials and methods. Estimation of time and material will be discussed as well as general business practices.

CAR 140 Stair Construction/Layout

1 Credit

Covers the various types of wooden stairs used in residential and commercial construction, along with procedures for laying out stairs, cutting out stringers and installing and finishing stairs.

CAR 144 Interior Trim & Finish Methods

4 Credits

Utilizes hands-on techniques to illustrate basic interior finishing methods. This class guides the student through the techniques utilized in sheetrock, tape and texture, interior doors, and trim.

CAR 153 Into. Trim: Cabinet/Countertops

1 Credit

Covers the selection/installation/terminology of factory built cabinets and countertops. Includes various types and design and examines estimation of cost.

CAR 156 Shop Tools-Stat/Hand/Portable

4 Credits

Covers the safe use and care of stationary, hand, and portable tools. Develops skills through tool utilization to pass competency and safety tests for each tool.

CAR 160 Floor Finishes

1 Credit

Covers installation and finishing of hardwood floors, laminate/engineered floors, and tile. Includes discussion on advantages and disadvantages of various choices available.

CAR 170 Clinical: Construction Lab I

0 to 12 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

CAR 171 Clinical: Construction Lab I

0 to 12 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

CAR 270 Clinical: Construction Lab I

0 to 12 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

CAR 271 Clinical: Construction Lab I

0 to 12 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

Chemistry

CHE 101 Intro. to Chemistry I : 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

CHE 102 Intro. to Chemistry II: 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.

CHE 105 Chemistry In Context: 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 111 Gen College Chemistry I : 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

CHE 112 Gen College Chemistry II: 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. ~This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

Computer Information System**CIS 115 Intro. to Computer Info Sys****3 Credits**

Focuses on an overview of the needs for and roles of computer information systems. Emphasizes computer requirements in organizations, history, hardware functions, programming, systems development, and computer operations. Introduces computer applications.

CIS 118 Intro. 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.

CIS 128 Operating System: Using an Operating System**3 Credits**

Introduces the functions and capabilities of an operating system, including configuring and modifying the operating system environment.

CIS 130 Introduction to Internet**1 Credit**

Enhances the student's knowledge of the Internet and its resources. Individuals learn terminology in dealing with the Internet. Includes privacy and copyright issues with information retrieved from the Internet. Students experience the use of e-commerce, multimedia and e-mail. Explores searching the Internet and credibility of information obtained with searches.

CIS 135 Complete PC Word Processing**3 Credits**

Explores a complete array of word processing skills. The skills needed to create, edit, format, and printing 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.

CIS 145 Complete PC Database**3 Credits**

Explores a complete array of database skills. Includes table, query, form, and report creation and modification. Other topics include application integration and automation of database tasks within the database.

CIS 155 PC Spreadsheet Concepts**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 161 Presentation Graphics I:(Software)**1 Credit**

Introduces the development of presentation graphics materials including graphs, charts, illustrations, and diagrams. Emphasizes effective communication.

Course Descriptions

CIS 165 Complete Presentation Graphics

3 Credits

Focuses on the development of presentation graphics materials including graphs, charts, illustrations, and diagrams. Emphasizes effective communication through computerized presentations. Covers features of the software and effective presentation techniques.

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.

CIS 218 Advanced PC Applications

3 Credits

Covers the advanced capabilities of a PC software applications suite. Emphasizes solving business problems by integrating data from all of the software applications that facilitate the production of useful information. Printed documents, reports, slides, and forms are produced to communicate information.

CIS 240 Database Design & Development

3 Credits

Introduces the basic concepts of relational databases, data storage, and retrieval. Covers database design, data modeling, transaction processing, and introduces the Structured Query Language for databases.

CIS 243 Introduction to PL/SQL

3 Credits

Introduces students to creating database structures and storing, retrieving, and manipulating data in a relational database. SQL is the set of statements that all users and programs must use to access data in the Oracle database. Also focuses on SQL*Plus to manipulate SQL statements.

CIS 263 PC Help Desk Skills

3 Credits

Enables the student to understand and develop appropriate help-desk techniques. Includes roles of help-desk personnel, and how to troubleshoot hardware and software problems.

CIS 267 Mgmt. of Information Systems

3 Credits

Introduces the concepts and techniques of managing computer-based information resources. Includes hardware, software, personnel, control techniques, and the placement and integration of information systems resources within the organization.

CIS 275 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Computer & Networking Tech

CNG 105 Internet Technologies

3 Credits

Outlines the important Internet Technologies in use today. Focuses on the major components and functions of each of these technologies as well as methods used to connect different technologies. Provides the students with concepts that are important to the field of systems integration with the Internet as well as a conceptual basis for understanding Internet Technologies.

CNG 120 A+ Certification Preparation

4 Credits

Prepares students for the CompTIA A+ certification examination. Hardware and software concepts are reviewed using A+ techniques.

CNG 123 Network Server Basics: Server +

3 Credits

Provides students who are preparing for roles as network support technicians with skills training in the support of multi-processor computers and high capacity data storage systems typical of servers used in medium to large-scale networks.

CNG 124 Networking I: Network +

3 Credits

Provides students with the knowledge necessary to understand, identify and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course.

CNG 125 Networking II: Network +

3 Credits

Continues to provide students with the knowledge necessary to implement and support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network + courses prepare students for the Network + certification.

CNG 126 Web Server Management

3 Credits

Covers the installation, configuration and management of internet web servers. Includes the installation of Apache Web Server and Microsoft IIS Web Server software. Also emphasizes default web site configuration, virtual hosts, file and directory security, management of log files and HTTP protocol.

CNG 127 IT Essent. I: PC Hdwre & Sftware

5 Credits

Introduces students to information technology and data communications. Enables the student to develop the necessary skills to enter this field by building a computer, installing the operating system, adding peripherals,

connecting the computer to a local area network and the Internet. It is a hands-on, lab-based course stressing safety and working effectively in a group environment. This course prepares students for CompTIA's A+ certification.

CNG 128 IT Essent. II: Netwrk Operat Sys
5 Credits

Introduces multi-user, multi-tasking networking operating systems. Focuses on characteristics of the Linux, Unix, Windows 2000, NT, and XP networking operating systems. Explores a variety of topics including installation procedures, security issues, back up procedures and remote access. The course prepares the student for both the CompTIA Server + certification and the Linux + certification.

CNG 131 Network Security Fundamentals
3 Credits

Delivers a comprehensive overview of network security, including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are introduced. Cryptography basics are incorporated, and operational/organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.

CNG 132 Prin. of Information Security
3 Credits

Examines the field of information security to prepare information systems students for their future roles as business decision-makers. The course presents a balance of the managerial and the technical aspects information security. The concepts covered in this course should be helpful for students working towards the Certified Information Systems Security Professional (CISSP) certification.

CNG 136 Guide to Disaster Recovery
3 Credits

Presents methods to identify vulnerabilities and take appropriate countermeasures to prevent and mitigate failure risks for an organization. It will take an enterprise-wide approach to developing a disaster recovery plan.

CNG 175 Special Topics
0 to 12 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

CNG 180 Internship I
0 to 12 Credits

Provides the student with an introduction to personal computer repair in the work place.

CNG 258 Computer Forensics
4 Credits

Exposes the student to the field of Computer Forensics and investigation. Provides the student with methods to properly conduct a computer forensics investigation beginning with a discussion of ethics. Topics covered include fundamental

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concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools and analysis. The curriculum and objectives map to the International Association of Computer Investigative Specialists (IACIS) certification.

CNG 264 Home Technology Integration
5 Credits

Introduces the elements of ¿Smart¿ home technology in preparation for the HTI+ industry certification examination. There are six broad areas of the home technology environment that HTI systems generally control: Internet and home network connectivity, video and audio, telecommunications, home security, utility management, and appliance automation and control. HTI is evolving towards central control of all these systems.

Communication

COM 100 Workplace Communication
1 Credit

Covers topics that teach students how to communicate effectively in the workplace. Includes listening, speaking, reading, and writing, and emphasizes the importance of these four modes of communication in the workplace.

COM 105 Career Communication
3 Credits

Develops skills needed in obtaining and keeping a job. Includes job searching, applications, resumes, interviews, and the dynamics of customer, peer, and managerial relationships. Emphasizes speaking, writing, listening, critical reading skills, and vocabulary development essential to the employment world.

COM 107 Overcoming Workplace Negativity
1 Credit

Introduces the sources of negativity in the workplace. Explores the perceptions of negative individuals, examines types of negativity including situational and habitual negativity. Introduces proactive approaches for positive results. Teaches techniques for changing negative beliefs. Examines organizational negativity.

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.

Course Descriptions

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 Com.: 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.~~This course is a part of the Statewide Guaranteed Transfer courses. GT-SS3

COM 260 Listening in Workplace

1 Credit

Focuses on understanding and developing high-level listening skills. Through lecture and interactive exercises, students learn the fundamentals of effective listening.

COM 263 Conflict Resolution

1 Credit

Focuses on handling conflict productively. Students gain insights into the roots of conflict and engage in skill practice in mediating interpersonal conflicts. The emphasis is on conflict prevention.

COM 266 Decision Making

1 Credit

Focuses on increasing understanding of personal and professional decision-making strategies. Covers a variety of decision-making strategies.

COM 267 Teamwork

1 Credit

Builds on teamwork skills and enables the student to gain insight into what makes teamwork successful. Focuses on a variety of strategies to understand team functioning including in-class exercises, problem-solving simulations and lecture.

COM 268 Problem-Solving

1 Credit

Focuses on solving problems in our personal and professional lives and developing the ability to think and act creatively in responding to a variety of situations. Introduces several different perspectives for group and individual problem solving and explores real situations and simulations.

COM 269 Leadership

1 Credit

Emphasizes the essential skills and attributes of leadership. Through lectures, activities and readings, the students will understand the differences between leadership and

management, how theory leads to practice, and the appropriate leadership style to use according to the situation.

COM 289 Capstone

0 to 12 Credits

Provides a demonstrated culmination of learning within a given program of study.

Construction Technology

CON 120 Build Material/Environ Impact

3 Credits

Examines the qualities, uses and characteristics of wood, building materials, lumber, grading and defects of hard and soft woods, estimating, ordering, pricing, fasteners, adhesives, manufactured wood products, steels, vinyl and aluminum and their applications in construction process. Explores Built-Green products and their characteristics.

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.

CON 140 Intro. Bldg. Codes & Enforcement

3 Credits

Introduces the basic concepts of code enforcement.

CON 145 Construction Project Mgmt. I

2 Credits

Covers the principles of project planning, scheduling, estimating and management. The participant learns the basic skills required to supervise personnel, with the introduction of technologies as they become commonly accepted.

CON 146 Construction Project Schedule

2 Credits

Covers the principles of project planning and scheduling. Techniques and tools for effective scheduling are introduced and investigated. The participant learns the basic skills required to supervise personnel. New technologies will be introduced as they become commonly accepted. Several case studies are included.

CON 231 Construction Ethics

3 Credits

Covers aspects of the trade and how to assure an ethical approach is taken when dealing with owners/customers, contractors, and suppliers. Discussion is encouraged and required as many aspects will have several points of view. Industry standards, customer expectations, warranty issues, and bid practices are all topics which will be discussed.

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, elevations, 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 the 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, pin curls, finger waves, ariforming 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 Intermed. 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 Intro. Disinfect/Sanita/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 161 Inter I: Disinfe/Sanit/Safety **1 Credit**

Focuses on the theory and daily practice of proper methods of disinfection, sanitation and safety procedures as related to all phases of cosmetology. Covers terminology and training of disinfection, sanitation and safety procedures. Also includes customer service in a supervised salon (clinical) setting or specialized class.

COS 203 Shampoos/Rinses/Condition 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.

Course Descriptions

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 Credit

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 240 Intermediate II: Chem. Texture

1 Credit

Provides continued instruction in the theory and practical application of permanent waves and chemical relaxers in specialized classes or a supervised salon setting. Enables students to practice different wrapping techniques required by trend styles.

COS 241 Advanced Chemical Texture

1 Credit

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 Mgt./Ethics/Interper. Skills/Sales

1 Credit

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 Inter II: Disinfe/Sanit/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 Adv. Disinfect/Sanitation/Safety

1 Credit

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 Adv. II Disinfect/Sanit/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.

COS 275-001

Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Section 001 will cover hair color, hair lightening, and special effects techniques as they pertain to hair color/lightening services.

COS 275-002

Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in-depth exploration of topics of interest. Section 002 will cover hair cutting techniques using shears, razor, clipper, thinning shears.

COS 275-003

Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Section 003 will cover hairstyling techniques including wet sets, thermal styling, thermal straightening, and braiding.

COS 275-004

Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Section 004 will cover chemical texture techniques of cold, acid and exothermic perming, thio and sodium hydroxide relaxers, soft curl permanent and chemical blowout procedures.

COS 288 Practicum
0 to 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.

Criminal Justice

CRJ 110 Intro. to Criminal Justice
3 Credits

Introduces a study of the agencies and processes involved in the criminal justice system: the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Includes an analysis of the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations and checks and balances.

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 Law Enforcement Operations
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 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

Focuses on an in-depth analysis of the socio-legal operation of the Juvenile Justice System emphasizing the substantive and due process rights of minors. Includes analysis of legal reasoning underlying the juvenile law as it operates all levels of government.

CRJ 118 Report Writing
3 Credits

This course is designed to teach the fundamentals for preparing criminal justice reports, who uses them, what information must be included, how to organize it, and how to write reports in clear, concise language that will communicate the maximum amount of factual information. Special emphasis will be placed on spelling, punctuation and paragraphing.

CRJ 220 Human Rel./Social Conflict
3 Credits

Highlights the environmental, organizational and socio-psychological dimensions of social control. Includes the study of individual attitudes, beliefs and behavior involved in role conflicts, community relations and conflict management in the social structure.

CRJ 225 Crisis Intervention
3 Credits

Provides information and application of crisis theories in working with diverse populations. Examines the interventionist role.

CRJ 230 Criminology
3 Credits

Examines the question of crime causation from legal, social, political, psychological and theoretical perspectives. Covers the history and development of criminology.

CRJ 240 Criminal Investigations
3 Credits

Criminal Investigative methods and procedures will be introduced, from the preliminary through the follow up stages.

CRJ 245 Interview and Interrogation
3 Credits

Focuses on 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.

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CRJ 246 Traffic Investigation

3 Credits

This course is an analysis of community based correctional programs and procedures. Emphasis is on the environment and the relationship to public safety, rehabilitation, and punishment. Also examined is the correctional institution, including the role of correctional personnel relative to the institutional programs.

Computer Science

CSC 151 Advanced Visual Basic Program

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 152 Database Program/Visual Basic

3 Credits

Provides an in-depth look at Visual Basic as a database application development language. Topics may include ADO, multi-tier components, data bound controls, remote data access, SQL, and ASP.

CSC 154 Intro. to MS Visual Basic

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. Covers algorithm development, data representation, logical expressions, sub-programs and input/output operations using a structured programming language. Requires intensive lab work outside of class time.

Counseling

CSL 175 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

CSL 178 Seminar/Workshop

0 to 12 Credits

Provides students with an experiential learning experience.

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 Assess Pbs./Psychoactive Drug

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.

CSL 250 Motivational Interviewing

1 Credit

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. Opportunity for skills practice during class that includes skill sets specific to each stage of client readiness. Presentation of assessment instruments to evaluate client readiness for change. Minimum of 14 contact hours.

CSL 251 Pharmacology I for 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.

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 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 260 Client Records Management**1 Credits**

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.

Computer Web-Based**CWB 164 XML****3 Credits**

Provides students with an introduction to the XML language's structure and syntax. Examines supporting tools such as XSL and CSS. This course is not designed to focus on a particular implementation of XML, but examine the possibilities of using XML with popular technologies such as Java SAX, SOAP, RDF, and the DOM.

CWB 205 Cmplt. Web Script: (Language)**3 Credits**

Explores the complete set of web scripting skills needed to develop Web Applications. Includes variables, data types, arithmetic operations, logical operations, looping, creating and reading cookies, creating an array, displaying data based on a cookie value, setting flags, working with frames, creating objects in a hidden frame, using the History Object, writing HTML to another window, determining browser and detecting keystrokes.

CWB 210 Adv. Web Scripting: (Software)**3 Credits**

Covers CGI and Perl programming. Includes foundations of CGI, database integration, building CGI programs, processing HTML forms, and Perl programming. A basic understanding of UNIX is required, including directories, files, permissions, and text editing. Covers a brief review of UNIX.

Diesel Power Mechanics**DPM 100 Diesel Mech. & Preventative Maint.****3 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 environment in a 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

Course Descriptions

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 Power Trains 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 Preventative 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 122 Hydraulic Systems II 3 Credits

Focuses on the study of hydraulic systems. Provides the fundamentals of pumps, cylinders, valves, transmissions, clutches, and related components. Covers the proper uses of testing equipment and troubleshooting of systems.

DPM 170 Lab Experience 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 Power Trains II 4 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 Break Systems 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 Preventative Maintenance II 3 Credits

Focuses on preventive maintenance on heavy 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.

DMP 275 Special Topics 0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Driving

DRV 175 Special Topics 0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

DRV 275 Special Topics 0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Early Childhood Education

ECE 100 Pre-licensing Training 1 Credits

Provides the educational training necessary to meet the hours and categories of training required by the Colorado Department of Human Services to open a licensed child care facility for children ages 2-12, with no more than two children under the age of two. Upon completion of 15 hours of training, in the areas listed below, the student will have met the academic training requirements of the Colorado Department of Human Services, needed to open a licensed child care facility for children ages 2-12, with no more than two children under the age of two.

ECE 101 Intro. to Early Childhood Educ.**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 ages birth through age eight.

ECE 102 Intro. to ECE 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..

ECE 103 Guidance Strategies Young Child**3 Credits**

Explores guidance theories, applications, goals, techniques and factors that influence expectations, classroom management issues, and prosocial skills. Addresses ages birth through age 8.

ECE 107 Child Dev. Assoc. Seminar (CDA)**2 Credits**

Prepares the student enrolled in the Early Childhood Professional Degree program to apply for the Child Development Associate (CDA).

ECE 111 Infant/Toddler Theory/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 Infant/Toddler Lab Tech**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 125 Science/Math & the Young Child**3 Credits**

Examines theories of cognitive development as a framework for conceptualizing the way young children acquire scientific and mathematical skills, concepts, and abilities. Enables students to research and develop appropriate individual and group scientific/mathematical activities for young children.

ECE 175 Special Topics**0 to 12 Credits**

Explores current topics, issues and activities related to one or more aspects of the early childhood profession.

ECE 187 Cooperative Education**0 to 12 Credits**

Focuses on a college-to-work based experience that draws on combined efforts of educators and employers to produce outcomes related to student career objectives.

ECE 188 Practicum: ECE**0 to 12 Credits**

Provides students with field experience in early childhood programs.

ECE 195 School Age Child in Child Care**2 Credits**

Explores important issues of before and after school care (school holiday and summer day camp), emphasizing child development, health, safety, and appropriate activities for school-age children in the child care setting.

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 Methods 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 ages birth through age 8.

ECE 225 Language & Cognition**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 226 Creativity and the Young Child**3 Credits**

Provides an emphasis on encouraging and supporting creative self expression and problem solving skills in children. Explores creative learning theories and research.

Course Descriptions

Focuses on developmentally appropriate curriculum strategies in all developmental domains. Addresses ages birth through age 8.

ECE 236 Child Growth/Dev. Lab 1 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 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. Ages addressed: prenatal through age 12.

ECE 240 Admin of ECE 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 ages birth through age 12.

ECE 241 Admin: Human Relations ECE 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 256 Working with Parents & Families 3 Credits

Examines attitudes and family values systems and how they affect parent-professional partnerships. Addresses communication, problem-solving and conflict resolution strategies. Plans effective activities and programs for parent involvement. Addresses ages birth through 8.

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, 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 275 Special Topics 0 to 12 Credits

Explores current topics, issues and activities related to one or more aspects of the early childhood care and education profession.

ECE 280 Internship 0 to 12 Credits

Focuses on work experience in a licensed early childhood care and education program. (30 contact hours per credit hour).

ECE 287 Cooperative Education 0 to 12 Credits

Focuses on a college-to-work based experience that draws on combined efforts of educators and employers to produce outcomes related to student career objectives.

ECE 288 Practicum: Early Childhood Ed 0 to 12 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

ECE 289 Capstone: Early Childhood Ed 0 to 12 Credits

Incorporates a demonstrated culmination of learning within a given program of study.

Economics

ECO 201 Prin. of Macroeconomics: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-SS1

ECO 202 Prin. of Microeconomics: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-SS1

Education

EDU 188 Practicum I **0 to 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.

Engineering

EGG 211 Engr. Mechanics I - Statics **3 Credits**

Focuses on the vector and calculus treatment of forces and force systems. Covers concurrent and noncurrent force systems. Includes calculating moments of friction, trusses, centroids and moments of inertia.

EGG 212 Engineering Mech. II (Dynamics) **3 Credits**

Focuses on vector and calculus treatment of the dynamics of particles and rigid bodies using Newton's Laws. Includes work-energy impulse momentum, and free and forced oscillations.

Electricity Ind./Commercial

EIC 103 Safety & Industry Certificate **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 Electr. 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 Appl. **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 Adv. 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.

Course Descriptions

EIC 142 Hotline Procedures

3 Credits

Focuses on intensive training conducted by field specialists in hotline maintenance and underground installation.

EIC 180 Internship

0 to 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.

Electronics

ELT 106 Fundamentals of DC/AC

3 Credits

Introduces the basic skills needed for many careers in electronics and related fields. Covers the operations and applications of basic DC and AC circuits consisting of resistors, capacitors, inductors, transformers and diodes. Emphasizes the use of common test instruments in troubleshooting.

Emergency Mgmt. & 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-Problem Solve

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.

Emergency Medical Service

EMS 115 First 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.

EMS 125 EMT Basic

9 Credits

Enables the student after successful completion of this course to take the EMT Certification Examination subject to the requirements of the Colorado Department of Health and Environment. Includes written and practical examinations. Student must be at least 18 years of age.

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.

EMS 136 EMT/Paramedic Safety Issues

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.

EMS 150 Pediatric Education

1 Credit

Provides the student with core knowledge and skills necessary to provide emergency care to the pediatric patient.

EMS 162 Wilderness EMT-Upgrade

2 Credits

Designed for currently certified EMT- Basic's , Paramedics and RN's who want to enhance their assessment and treatment skills in a remote challenging environment. This

course is part of a Wilderness EMS program and builds on the American Health and Safety Institutes (ASHI) Wilderness EMT upgrade course focusing on wilderness concepts and skills with many role-playing scenarios. Students will receive an ASHI Wilderness Upgrade Certification. Proof of current license or certification as an EMT-B, EMT-P, or RN is required. Must provide proof of current license or certification as an EMT-B, ~EMT-P, or RN.

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 to 12 Credits

Provides the student with a vehicle to pursue in depth exploration of special topics of interest

EMS 178 EMS Seminar

0 to 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.

EMS 205 EMT Intermediate II

6 Credits

Serves as the second course for EMT Intermediate certification.

EMS 206 EMT Intermediate Refresher

3 Credits

Meets or exceeds minimum requirements for renewing EMT Intermediate or EMT Intermediates in the re-entry program.

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 Paramedic Practice

3 Credits

Serves as the first course of the National Standard Paramedic Curriculum as approved by the Colorado State Department of Health and Environment.

EMS 226 Paramedic Practice - Lab

2 Credits

Serves as the lab experience to coincide with EMS 225 topics.

EMS 227 Special Considerations

3 Credits

Focuses on a comprehensive study of Advanced Life Support Practice.

EMS 228 Special Considerations Lab

2 Credits

Serves as the lab experience for those students enrolled in EMS 227.

EMS 229 Paramedic Pharmacology

3 Credits

Focuses on a comprehensive study of emergency pharmacology.

EMS 230 Paramedic Pharmacology Lab

2 Credits

Serves as the required lab course in the paramedic education program.

EMS 231 Paramedic Cardiology

5 Credits

Addresses cardiology topics as presented in the National Standard Curriculum for paramedics.

EMS 232 Paramedic Cardiology Lab

1 Credit

Incorporates a hands-on application of principles of cardiac care in the hospital environment.

EMS 233 Paramedic Medical Emergencies

4 Credits

Focuses on a comprehensive study of adult medical emergencies.

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

Focuses on a comprehensive study of adult and pediatric trauma emergencies.

EMS 236 Trauma Emergencies Lab

1 Credit

Serves as a lab presenting various acute trauma scenarios.

EMS 237 Paramedic Internship Prep

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.

Course Descriptions

EMS 275 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

EMS 280 Paramedic Internship I

0 to 12 Credits

Serves as the preceptor/internship program for paramedic students.

EMS 281 Paramedic Internship II

0 to 12 Credits

Serves as the continuation of EMS 280, preceptor program for paramedic students.

EMS 285 Independent Study

0 to 12 Credits

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

English

ENG 115 Technical English & Comm.

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 : 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. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-CO1

ENG 122 English Composition II: CO2

3 Credits

Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-CO2

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.

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 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 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.

Engineering Technology

ENT 210 Soil Mechanics

2 Credits

Emphasizes basic principles of soil mechanics and proper testing procedures as they relate to construction.

ENT 275 Grade and 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.

Equine Management

EQM 110 Light Horse Management

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 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.

Fine Woodworking**FIW 100 Fundamentals of Woodworking****3 Credits**

Introduces students to the materials, drawings and tools used in the joinery, assembly, preparation and finishing of a woodworking project. The course uses a project that directs students to develop working drawings from which a furniture piece is built.

FIW 108 Toolmaking and Jigs**4 Credits**

Expands the capabilities, speed and accuracy of the woodworker through the use of jigs and specialty tools. Focuses on constructing several projects (box joint jig, a router table, a mock dovetail jig or spring pole lathe) of progressing difficulty.

FIW 125 Finishing Wood**3 Credits**

Teaches students the wide variety of finishes available from the oldest formulations to the wide array of modern films

and stains. Students experiment with a representative sampling of colorations and surface finishes on a variety of wood species using a selection of application techniques.

FIW 128 Doormaking**4 Credits**

Focuses on the planning, design, selection and purchase of materials, construction, finishing and hanging of a door that the students has constructed. Examines assorted styles of door construction, joinery, glues and fabrication techniques.

FIW 209 Intermediate Cabinetmaking**4 Credits**

Covers cabinet types, kitchen and cabinet design, layout, construction, hardware installation, materials, power tool use, accessories and estimation.

FIW 211 Shop Carpentry**4 Credits**

Focuses on the non-site, shop carpenter and includes jig and patternmaking, stationary power tool maintenance and adjustment, machining of woods, and techniques unique to shops, cabinetmakers and mill workers.

FIW 213 Adv. Contemporary Furniture**4 Credits**

Explores the creative possibilities of making contemporary furniture. Student will explore alternate forms and materials as they build a project that goes beyond conventional ideas of furniture making. This course builds upon skills learned in FIW 212 Contemporary Furniture Making

FIW 217 Advanced Cabinetmaking**4 Credits**

Develop familiarity with various types and designs of cabinets used in residential and commercial construction, including curved/radius cabinets and door fabrication. Construct and install shop-built cabinets including a variety of door styles, application of plastic laminate and solid surface materials. The proper use of power tools is emphasized. This course expands the skills taught in FIW 109 – Intro. to Cabinetmaking and FIW 209 – Intermediate Cabinetmaking.

FIW 220 Adv. Furniture-Cabinet Const.**4 Credits**

Enables the student to produce a finished piece of salable quality. Includes a demonstrated understanding of the materials available, their sources, shop drawings, various construction and finishing methods and reasonable design and technical skills.

Geography

GEO 105 World Regional Geography: SS2

3 Credits

Facilitates an understanding of spatial relationships between and among the geographic regions of the world. Includes demographic and cultural (political, economic, and historic) forces related to the physical environments of selected regions. Focuses on analysis of interrelationships between developed and developing regions, and the interactions between human societies and natural environments. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS2

GEO 106 Human Geography: SS2

3 Credits

Introduces geographic perspectives and methods with applications to the study of human activities. Emphasizes the distribution of humans, adjustments to the natural environment, and land use practices.

GEO 111 Physical Geography: GT-SC1

4 Credits

Introduces the principles of landforms as a major aspect of our natural environment. Incorporates an integrated process of lecture, discussion, and laboratory assignments.

GEO 112 Phys. Geography: Wthr. & Clim.: GT-SC1

4 Credits

Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification. Includes investigating the geographic factors which influence climate such as topography, location, elevation, winds, and latitude. Incorporates an integrated process of lecture, discussion and laboratory assignments.

GEO 165 Human Ecology

3 Credits

Provides a current outlook for the global environment, describing the threats imposed on different natural ecological systems. Enables the student to develop a set of intellectual tools and ways of thinking about the environment to evaluate for themselves how serious a given environmental problem will be.

Geology

GEY 111 Physical Geology w/Lab: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

GEY 121 Historical Geology w/Lab: 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 lifeforms, and physical events, all within the framework of shifting crustal plates. Course includes laboratory experience. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

GEY 135 Environmental Geology: 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. ~ This course is part of the Statewide Guaranteed Transfer courses. GT-SC1

Geography Information Systems

GIS 105 ArcView GIS

3 Credits

Introduces the fundamentals of GIS including cartographic principles, hardware, and software requirements, raster, and vector data structures, and data sources, accuracy, and acquisition, spatial data databases and spatial analysis. Hands-on experience with vector data utilizing ArcView software includes use of map scales, coordinate systems, determining spatial relationships, map features and attributes, map overlays, and basic operations with databases. Student will learn to create charts and graphs and full map layouts. A final project is required

GIS 131 Global Positioning Sys for GIS

3 Credits

Introduces the terminology, hardware, and technological principles of GPS. Students will receive an introduction in the fundamentals of using a basic hand-held GPS unit. Data will be integrated with pre-existing spatial data. Fundamentals of mapping and map reading will be covered. Garmin GPS units will be used initially, followed with Trimble GeoExplorers and Pathfinder Office software. Final student projects integrate GPS data within ArcView projects.

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.

Gunsmithing**GUS 100 Orientation & 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 101 Intro. to Gunsmithing**7 Credits**

Learn basic gunsmithing theory and practice. Topics include history of firearms and ammunition, firearms parts nomenclature, cycles of operation, basic troubleshooting and repair procedures, shop safety, the care and use of common hand tools, basic metallurgy, the layout and making of tools and gun parts. ~ Emphasis on Shop Safety, and hand work including the proper use of measuring tools, layout, drilling, sawing, filing, soldering, silver soldering, forging, heat treatment, case hardening and hand polishing.

GUS 102 Introduction to Firearms**2 Credits**

This course is an orientation and introduction to basic firearms safety, the history of firearms and ammunition, firearms design and function and the modern firearms. Students completing the course will receive an NRA Home Firearms Safety Certificate.

GUS 105 Machine I**7 Credits**

Learn the theory and practice of basic metalworking lathe and milling machine operations. Also includes the use of precision measuring tools, bench grinders and other machine tools as needed. Projects involve making specialized gunsmithing tools. General machine shop safety practices are strongly emphasized.

GUS 110 Firearms Bench Metal**4 Credits**

This course 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**7 Credits**

Course introduces theory and practice of basic metalworking lathe, milling machine operations and shop safety. Students will demonstrate proper use of machine tools while making specialized gun shop tools and fitting, chambering, and contouring a barrel for a bolt action rifle.

GUS 119 Firearms Stocking I**6 Credits**

Stockmaking for bolt action rifles from semi-inletted blanks will be the main focus of the course. The course will cover inletting the barrel and trigger guard, installing grip cap, steel butt plate or recoil pad, fore-end, swivels, shaping, sanding and finishing.

GUS 125 Machine II**6 Credits**

Learn the theory and practice of machine tools as they are related to basic barrel fitting techniques; emphasis on flat breach type guns, similar to the Mauser Model 98. Projects to include jigs and fixtures required for basic action truing techniques, fitting, chambering and turning of a barrel from a blank. Safety and liability issues are discussed.

GUS 135 Firearms Conversions**5 Credits**

Learn the techniques of the conversion of military rifle actions into customized sportier rifle actions. Bolt handles, safeties, iron sights, scope mounts, adjustable triggers, and trigger guard contouring and other custom conversion and accessory will be included. This course deals with the miscellaneous jobs brought into the gun shop other than normal repairs related to the bolt action rifle.

GUS 136 Firearms Metal Finishing**2 Credits**

Learn 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.

Course Descriptions

GUS 140 Stockmaking I

7 Credits

Learn an overview of the building of a sporter style rifle stock from a stock blank. Study in stock design, wood cutting hand tools and their application, stock layout, wood selection, routing and inletting, forend tip and grip cap installation, shaping, recoil pad installation, sanding, finishing and refinishing with oil based finishes.

GUS 147 Firearms Repair I

5 Credits

Learn an overview of firearms repair theory and practice, targeting new students. Topics include necessary tools, design, function, takedown, troubleshooting, assembly and repair of selected semi-automatic handguns, single action revolvers, pump and semi-automatic shotguns, and various .22 rimfire rifles.

GUS 205 Firearms Machine Shop II

6 Credits

This course is an advanced study of machine tool operation with special emphasis on gunsmithing procedures. Course work includes safety, cutting speeds and feeds, rifle barrel lining, abrasive machining, carbide tooling, machine maintenance, spring winding, advanced barrel fitting and chambering.

GUS 225 Machine III

4 Credits

Learn the theory and practice of more advance fitting and chambering techniques for the gunsmith. Emphasis on coned or recessed breech faces and extractor cuts. Projects include the current precision methods of fitting and chambering a barrel for an action that requires a coned or recessed breech, and/or extractor cuts. Also covered will be theory on rim fire cartridges, improved cartridges, octagon or fluted barrels, and an introduction to CAD/CAM and its application to the modern gunshop and gunsmith.

GUS 245 Stockmaking II

5 Credits

Learn stockmaking techniques starting from a semi-inletted for one and two piece gunstocks of both wood and synthetics materials. Techniques in glass bedding, gun fitting, installation of custom hardware and finishing techniques will be studied.

GUS 247 Firearms Repair II

8 Credits

Learn 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 255 Gunsmithing Business Practices I

5 Credits

This course is designed specifically for the individual who is opening a gunsmithing business. The student will select an ownership method, create a business plan, develop inventory

controls, apply basic accounting principles, develop pricing strategies, and be able to apply human resource management skills to ensure business success.

GUS 256 Gunsmithing Business Practices II

5 Credits

This course is designed specifically for the individual who is opening a gunsmithing business. The student continues to explore best business practices in the following areas: customer service, human resource management, time and motion studies, marketing and advertising, equipment purchase and maintenance, and managing growth.

GUS 257 Firearms Bus 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 Gunsmithing Competency Review .5 Credit

The course is designed to provide a comprehensive evaluation of competencies of those students completing the Gunsmithing program curriculum and used day to day in a Gunsmithing shop.

GUS 266 Gunsmithing Shop Manage I

12 Credits

Designed to give the student the practical experience of owning and operating a shop that practices in rifle/gun/pistol repair, customization, specialized accessories, and enhanced performance mechanisms. It is also geared toward teaching the student how to customize modifications for the end user. The course will include repair and enhancement of the shotgun, pistol, and rifle with a detail to profitability for business success. This course will also instruct the student in advanced metal finishing and reloading concepts.

GUS 267 Gunsmithing Shop Manage II

12 Credits

Demonstrates proper gunsmithing shop practice. Topics will continue in advanced rifle/gun/pistol repair, customization, specialized accessories, and enhanced performance mechanisms. Course instructs student in performing modifications for the customer. The course will include repair and enhancement of the shotgun, pistol, and rifle with a detail to profitability for business success. This course will also instruct the student in advanced metal finishing and reloading concepts.

GUS 275 Special Topics**0 to 12 Credits**

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUS 288 Practicum**0 to 12 Credits**

To be determined by instructor.

GUS 289 Capstone**0 to 12 Credits**

To be determined by instructor

Heavy Equipment

HEQ 150 Engine Operation & Drive Train**2 Credits**

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 Credits**

Covers the safe operation of a motor grader and perform a variety of operations using the grader.

HEQ 221 Motor Grader II**2 Credits**

Focuses on the safe operation of a motor grader and aggregate road maintenance and building.

HEQ 225 Backhoe I**2 Credits**

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 Credits**

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 Credits**

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 Credits**

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 Credits**

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 Credits**

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 SP: Heavy Equipment Operator**6 Credits**

Meets the individual needs of students. Students engage in intensive study or research study or research under the direction of a qualified instructor.

HEQ 285 Independent Study**0 to 12 Credits**

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

Holistic Health Professional

HHP 100 Complementary Healing Methods**1 Credit**

Explores some of the more widely used alternative/complimentary healing methods. Expands the student's health horizons and enables the student to converse in a knowledgeable manner with patients and practitioners.

HHP 101 Infant Massage**1 Credit**

Presents part of a parent enrichment program that cultivates love, compassion, respect and well being for infants and children through touch. Infant massage promotes positive interaction between caregiver and infant using systematic manual manipulations of soft tissues of the body, incorporating movements such as rubbing, pressing and rolling for therapeutic purposes.

Course Descriptions

HHP 103 Circle of Healing

1 Credit

Enables the student to synthesize different energy methods in order to work as part of a healing group using intuition and group consensus of imagery as the vehicle to create the healing environment.

HHP 106 The Creative Mind

1 Credit

Enables the student to define the nature of human creativity, learn and practice techniques for tapping one's creative potential, and learn to overcome mental blocks to creative activity.

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 122 Qigong

1 Credit

Emphasizes the application of the 18 soft exercises found in Qigong to help relax, increase strength, agility, and vitality while calming the mind.

HHP 145 Digestive Wellness

1 Credit

Provides the student with information on nutritional and herbal self-care treatments.

HHP 160 Learn To Meditate

.5 Credit

Focuses on techniques to meditate and explores the life-enhancing benefits of meditation.

HHP 166 Introduction To Reflexology

1 Credit

Teaches the student foot anatomy, basic hand stroke and foot reflex points.

HHP 200 Bach's Essences

2 Credit

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 Adv Musculoskeletal Anatomy

2 Credit

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 218 Acupressure

1 Credit

Focuses on acupressure - a light finger pressure in the organ flow and meridians used in traditional Chinese acupuncture. Offers hands-on instruction emphasizing energizing, balancing, and the easing of common aches and discomforts.

HHP 224 Intro. 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 235 Mind, Body Healing and Health

3 Credits

Focuses on the rapidly developing awareness of the inner-connectedness of mind and body and spirit. Explores the dialog between eastern and western health care and the many choices that could enhance our health and well-being.

HHP 242 Healing Touch Level I

1 Credit

Healing Touch is an energy based therapeutic approach to healing. Enables the student to develop and use touch as a means of assessing a clients/patients state of wellness through the intentional use of touch. Participants are given specific instructions in developing touch sensitivity and practice the assessment and healing methods. Healing Touch is a multi-level program that moves from beginning to advanced practice. After completion of Level 3, a person is eligible to apply for certification as a healing touch practitioner.

HHP 275 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

History

HIS 101 Western Civ: Antiquity-1650 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

HIS 102 Western Civ: 1650-Present 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

HIS 201 US History to Recognition: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

HIS 202 US History since Civil War: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

HIS 244 History of Latin America: 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.

HIS 247 20th Century World History: HI1

3 Credits

Investigates the major political, social, and economic developments, international relationships, scientific

breakthroughs, and cultural trends that have shaped the various global regions and nation-states from 1900 to the present. Emphasizes the interactions of global regions and nation-states. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-HI1

Hospitality

HOS 110 Introduction to Hospitality

3 Credits

Introduces learners to careers and the organization and structure of the Hospitality Industry including: hotels, restaurants, non-commercial food service, travel and tourism, conventions and meetings, clubs and other food service entities. Topics include exploring career opportunities, understanding the world of Hotels and Restaurants, Food Service Organizational structures, an introduction to the Meetings Industry, and analyzing the size and scope of the Noncommercial Foods segment.

HOS 140 Front Office Procedures

2 Credits

Presents a systematic approach to front office procedures by detailing the flow of business through a hotel beginning with the reservation process and ending with billing and collection processes. This course also places front office management, the process of handling complaints and concerns regarding hotel safety.

HOS 148 Introduction to Food and Beverage

3 Credits

Challenges a food and beverage manager faces in developing a solid customer base is presented in this course. Topics include principles of food production and service management, including menu planning, purchasing, storage, beverage management, and food service layout and equipment. Students will prepare a plan for a food service facility.

HOS 175 Special Topics

0 to 12 Credits

Exploration of current topics, issues and activities related to one or more aspects of the named discipline.

HOS 280 Internship

0 to 12 Credits

Exposes the learner to the practical application of course studies in the hospitality industry. The course consists of practical experience in a hotel, restaurant, convention center, resort, tourism operation, or other professional opportunity in the hospitality industry.

Health Professional

HPR 102 CPR for Professionals

.5 Credits

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 Credits

Provides opportunity for currently certified CPR providers to renew certificates.

HPR 106 Law & Ethics for Health Professionals

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 Credits

Studies the basic principles in clinical practice involved in the assistance of 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 Bases 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 178 Medical Terminology

1 Credit

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.

Humanities

HUM 121 Humanities: Early Civ: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

HUM 122 Humanities: Mediev-Mod: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

HUM 123 Humanities: Modern Wrld: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

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 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

HWE 120 Wilderness First Aid**1 Credit**

Provides limited medical information to cope with basic wilderness emergencies.

Journalism**JOU 111 Principles of Advertising****3 Credits**

Employs design concepts, principles and practices for advertising management for the mass media.

JOU 215 Publications Prod & Design**3 Credits**

Provides for students participation in the planning, writing, design and production processes of a non-newspaper publication.

Law Enforcement Academy**LEA 101 Basic Police Academy I****6 Credits**

Conforms to 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 simulating actual situations utilizing 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 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**3 Credits**

Covers the skills, knowledge and abilities necessary to effectively maintain control of a suspect when making an arrest. Emphasizes the continuum of force and de-escalation of force.

LEA 107 Law Enforcement Driving**3 Credits**

Covers 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 explain the firearms role within the continuum of force.

Literature**LIT 115 Intro. to Literature I: AH2****3 Credits**

Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH2~~

LIT 201 Wrlld 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH2 ~

LIT 202 World Lit 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

LIT 211 Amer Lit 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.

Course Descriptions

LIT 212 Amer Lit Aft Civil War: 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 to 12 Credits

Explores particular authors, topics, themes in depth

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 105 Intro. to Machining Technology

4 Credits

Introduces the student to the changing era of machining technology, emphasizing terminology, referencing and applications related to manufacturing environments. The fundamental use of bench tools, layout procedures, materials, precision measuring tools, machining processes, drilling and cut-off machines and other machining/manufacturing processes will be stressed. Skill competencies and standards will be identified. Use of the Machinery's Handbook will be strictly required and particular competencies may require performance evaluations.

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.

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.

MAC 113 Engine Lathe Setup/Operate IV

3 Credits

Teaches students to hold .0005 tolerance internally, use an arbor and a sine bar, and taper within one minute angular tolerance.

MAC 120 Intro. to Milling Machine

3 Credits

Teaches students to identify the major parts of the vertical mill, align a vise, use an indicator, edge finder, and boring head, determine speeds and feeds perform simple indexing, mill flat, square surfaces and slots, drill, bore, and tap holes, and work within a plus or minus .002 inch tolerance.

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 175 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

MAC 178 Machining Workshop

0 to 12 Credits

Provides students with an experiential learning opportunity.

MAC 205 Intro. To CNC Milling Operation**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 221 Surface Grinder Setup/Operation**3 Credits**

Teaches students how to identify major parts and accessories of the surface grinder and grind flat, vertical, and angular surfaces to a tolerance of .0002 position and size.

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.

MAC 275 Special Topics**0 to 12 Credits**

This course provides students with a vehicle to pursue in depth exploration of special topics of interest.

MAC 278 Machining Workshop**0 to 12 Credits**

Provides students with an experiential learning opportunity.

Management**MAN 102 Ethics & 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 105 Logistics Management**3 Credits**

Explores the logistic system from in-bound movement of materials and freight into the organization, through physical distribution of the completed product to the consumer. Transportation systems, government regulations, material handling, inventory management, and distribution centers are covered.

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 to 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

Course Descriptions

and controlling with a balance between the behavioral and operational approach.

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.

Math

MAT 103 Math for Clinical Calculations **3 Credits**

This course provides a review of general mathematics, introductory algebra and an opportunity to learn systems of measurement and methods of solving problems related to drug dosage and intravenous fluid administration. It is designed for students in the health disciplines. Topics may include algebra, graphs, measurement and conversion between various systems of measurement.

MAT 107 Career Math **3 Credits**

This course 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.

MAT 112 Financial Mathematics **3 Credits**

This course covers topics including pricing, taxes, insurance, interest, annuities, amortization, investments using financial calculators and spreadsheets.

MAT 120 Math for Liberal Arts: MA1 **4 Credits**

This course 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.

MAT 121 College Algebra: MA1 **4 Credits**

This course includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, the binomial theorem and theory of equations.

MAT 122 College Trigonometry: MA1 **3 Credits**

This course 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.

MAT 123 Finite Mathematics: GT-MA1 **4 Credits**

Course Description: This course 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.

MAT 125 Survey of Calculus: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MAT 135 Intro. to Statistics: MA1 **3 Credits**

This course includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference —estimation, hypothesis testing, comparison of populations, correlation and regression. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-MA1

MAT 155 Integrated Math I **3 Credits**

This course 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.

MAT 156 Integrated Math II**3 Credits**

This course furthers 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.

MAT 166 Pre-Calculus: MA1**5 Credits**

This course reviews college algebra and college trigonometry intended for those planning to take calculus. Topics include algebraic manipulations, properties of algebraic and trigonometric functions and their graphs, trig identities and equations, conic sections, polar coordinates and parametric equations.

MAT 201 Calculus I: MA1**5 Credits**

This course 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-MA1

MAT 202 Calculus II: MA1**5 Credits**

This course continues the study of single variable calculus which will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series. This course is one of the Statewide Guaranteed Transfer courses. GT-MA1

MAT 203 Calculus III: MA1**4 Credits**

This course completes 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.

MAT 204 Calculus III/Engineer App: MA1**5 Credits**

This course includes all the topics of 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.

MAT 261 Diff Eq/Engineer Applicatn: MA1**4 Credits**

This course introduces ordinary differential equations. The content of this course includes all the topics of MAT 265 Differential Equations with an additional emphasis on applications and problem solving. A graphing calculator is required for this course.

MAT 266 Diff Eq/Linear Algebra**4 Credits**

This course covers first and second order differential equations, series solutions, Laplace transforms, linear algebra, eigenvalues, first order systems of equations, and numerical techniques are covered.

Graphic Design**MGD 101 Intro. to Computer Graphics****3 Credits**

Introduces the student to the computer system developed for graphics. The student will learn the hardware and software components for multimedia production. Each student will explore basic computer operations, ergonomics, file management, scanning techniques, archiving capabilities, and utilization of the multimedia department server and internet connection.

MGD 105 Typography & Layout**3 Credits**

Covers the creation and production of graphic projects, emphasizing the layout creative design process, problem solving, and research. Provides experience producing thumbnails, roughs and digital layouts emphasizing refined creative typography.

MGD 107 History of Design**2 Credits**

Explores the pivotal events and achievements that have led to the current state of graphic communication. Through lectures, slides, videos, class discussions and research; students discover the creative thinkers, innovations and breakthrough technologies that have shaped the evolution of visual communication, advertising and industrial design today.

MGD 109 Design & Color**3 Credits**

Covers the design process and creative problem solving. Design and color theories, fundamentals, styles, stages area applied to workups, finished art, and presentations. Emphasis will be on line, form, composition, and continuity.

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.

Course Descriptions

MGD 113 QuarkXPress

3 Credits

Introduces students to QuarkXPress, a digital page layout tool. Students learn how to assemble, organize, manipulate and manage text and graphics to produce a high quality publication. Class discussions and independent projects supplement hands-on classroom work.

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 116 Typography I

3 Credits

Introduces the history and concepts of typography as applied to graphic communications. Explores appropriate use of typography in a variety of design applications, emphasizing the basic design principles of typographic compositions and typesetting. Covers type recognition and typographic terms.

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 175 Portfolio

1 Credits

This course is the culmination of learning that has taken place in the Graphic Design Program at Trinidad State Jr. College. It will help you prepare a portfolio of your work that you may present to prospective employers or in the professional workplace.

MGD 241 Web Design II

3 Credits

Expands on previously learned fundamentals of HTML introducing cascading style sheets, DHTML, JavaScripts and CGI forms. Color usage and interface design principles are emphasized in this course. In this course will examine Web sites that employ more complex structures, optimal site architecture and navigation necessary for larger and more complex sites.

MGD 258 Web Design Production

3 Credits

Stresses web site development and usability issues, as well as, pre-production, production and post-production concepts. Students will prepare project evaluations, objectives and analysis reports, project budgets and timelines, content outlines, storyboards, and flow charts. Students will also examine interactive interface design for several Web applications. Projects will vary from semester to semester.

MGD 268 Business for Creatives

3 Credits

Presents a guide to freelance work and a study of business practices and procedures and models unique to creative occupations (graphic design, web design, animation, fine arts). Discussion includes determining charges, business forms, business planning, tax structure, licenses and registration, self-promotion (resume, website, portfolio, business identity package). Course may include visits by professionals in the field and discussion of career opportunities in a quickly changing career field.

MGD 280 Internship

0 to 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.

Medical Office Technology

MOT 110 Medical Office Administration

4 Credits

Introduces the administrative duties specifically used in medical offices.

MOT 120 Medical Office Financial Mgmt

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 MOT125, MOT133 and MOT135 in any order, but all three courses must be completed to met 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 132 Medical Transcription I**4 Credits**

Provides basic knowledge, understanding, and skills required to transcribe medical dictation with accuracy, clarity, and timeliness, applying the principles of professional and ethical conduct.

MOT 136 Intro. to Clinical Skills**2 Credits**

Provides hands on experience with the basic clinical skills required for assisting with patient care in an ambulatory setting. Delivers the theory behind each skill presented as well as proper technique for performing each skill. Includes knowledge and/or performance of universal precautions/OSHA regulations, HIPAA, medical asepsis, procedural gowning and gloving, patient draping and positioning, and measurement of vital signs.

MOT 150 Pharmacology-Medical Assts**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 175 Special Topics**0 to 12 Credits**

Instruct students in clinical and anatomical laboratory vocabulary used in the pathology laboratory. Assists the health care practitioner who is interested in updating vocabulary specific to the laboratory or for the novice student who is developing career skills. This course includes a lecture/self-study combination.

MOT 183 Medical Assistant Internship**0 to 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 189 Review-Medical Asst Nat'l Exam**.25 to 6 Credits**

Prepares the candidate sitting for the National Registration/Certification Examination for Medical Assistant through review and practice. These examinations are given with the intent of evaluating the competency of entry-level practitioners in Medical Assisting, therefore supporting quality care in the office or clinic.

MOT 275 Special Topics**0 to 12 Credits**

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

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**3 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**.25 to 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.

Course Descriptions

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 275 Aromatherapy

1 Credit

Introduces the student to basic aromatherapy; history, how oils work, safety of handling and storage. Principles of various groups of oils and how to blend them to individual applications.

MST 275 001 Spa Massage: A Comprehensive Introduction

2 Credits

The student will be able to identify and describe various spa treatments and spa terminology. Demonstrate various body treatments such as basic massage facials, footbaths, friction treatments, (sugar/salt glows), paraffin treatments and herbal wraps.

MST 275 002 Business Mastery for Massage Therapists

1 Credit

The student will be able to create and design a successful business strategy for somatic body workers. Students will demonstrate knowledge in Business Start-Up, the Business Plan, Business Management Skills, Marketing Strategies, Financial Management Skills, and Communication.

MST 275 003 Energy Medicine

1 Credits

Students will explore creative ways of healing using the Universal and Human Energy Fields. Each student will design energy healing sessions with clients using healing light patterns and will also explore remote energy balancing sessions.

HHP 275 001 Sports Massage

1 Credits

The student will be able to explain the physiological effects of sports massage, recognize the indication and contraindications for sports massage, and list the basic techniques and develop massage routines for specific injuries.

MST 284 Clinical Massage

.25 to 6 Credits

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.

MST 289 Capstone

0 to 12 Credits

Demonstrates the culmination of learning within a given program of study.

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.

MUS 112 Ear Training/Sight-sing I Lab

1 Credit

Presents exercises in sight-singing with melodic and rhythmic dictation.

MUS 113 Ear Training/Sightsing II Lab

1 Credit

Presents exercises in sight-singing with melodic and rhythmic dictation.

MUS 120 Music Appreciation: 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.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MUS 121 Music Hist MdvI-Classical: 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. This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MUS 122 Music Hist Romantic-Prsnt: 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. This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

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 to 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.

MUS 151 Ensemble I**1 Credit**

First year, first term. Rehearses and performs various types of musical literature.

MUS 152 Ensemble II**1 Credit**

Rehearses and performs various types of musical literature. First year, second term.

MUS 153 Ensemble III**1 Credit**

Rehearses and performs various types of musical literature. First year, third term.

MUS 154 Ensemble IV**1 Credit**

Rehearses and performs various types of musical literature. First year, fourth term.

MUS 210 Music Theory III**3 Credits**

Continues study of four-part music, including extended harmonic progressions of ninth, eleventh, thirteenth chords, extended alteration, non-chord tones, modulation and compositions

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.

MUS 212 Adv Ear Train/Sightsing I Lab**1 Credit**

Presents modulating and chromatic exercises in sight-singing and dictation. Dictation includes four-part writing.

MUS 213 Adv Ear Train/Sightsing II Lab**1 Credit**

Presents modulating and chromatic exercises in sight-singing and dictation. Dictation includes four-part writing.

Nail Technician**NAT 110 Intro. to Manicures/Pedicures****3 Credit**

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 Inter Manicures/Pedicures**2 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-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.

Natural Resources**NRE 100 Foundations of Forestry****3 Credits**

Presents the principles of forest science, dendrology, forest fire behavior, and silviculture principles.

Course Descriptions

NRE 102 Intro.-Natural Resources Mgmt

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 121 Introduction to Hydrology

3 Credits

Introduces the movement of ground and surface water. Basic flow equations and graphs are used.

NRE 127 Field Monitoring Techniques

2 Credits

Teaches the basic techniques utilized by land and water environmental technicians. Students will obtain training in the areas of field equipment use and calibration (inclusive of flow meters, water and soil quality instrumentation etc). Students will also learn the importance properly designed data collection efforts and the limitations imposed by data collection and interpretation activities. Application of statistics and GIS data interpretation methods will also be discussed.

NRE 175 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

NRE 180 Internship

0 to 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.

NRE 204 Range Mgmt & Restoration

4 Credits

Covers management of rangelands, important plants, rangeland communities, and restoration practices to restore disturbed ecosystems. Students will learn field measurement techniques of ecosystem components.

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 227 Reclamation Site Monitoring

3 Credits

Covers the aspect of compliance with local, state, and federal regulations, written reports, and oral reporting and the actual sampling procedures and analysis.

NRE 280 Internship

0 to 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.

Nursing Assistant

NUA 101 Nurse Aide Health Care Skills

4 Credits

Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights.

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.

NUA 170 Nurse Aide Clinical Experience

.25 to 6 Credits

Applies knowledge and skill gained in NUA 101 to patient care.

NUA 171 Advanced Nurse Aide Clinical

.25 to 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.

NUA 172 Nurse Aide Clinical-Elderly

.25 to 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.

Nursing

NUR 101 Pharmacology Calculations

1 Credits

Course Description: Introduces the nursing student to the concepts and techniques of dosage calculations and medication administration by a variety of routes. Learners will apply basic math concepts to complex conversion of dosages between and among various systems of weights and volumes. Learners will apply critical thinking skills to the calculation and administration of medications.

NUR 106 Med-Surg 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.

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.

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.

NUR 206 Adv Concepts of Med/Surg NSG 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.

NUR 211 Psychiatric-Mental Health NSG

4 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.

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 Adv Concepts Med-Surg NSG 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,

Course Descriptions

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.

NUR 230 Transition to Professional NSG

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.

Occupational Safety Technician

OSI 100 Intro. 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 Standard

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 10HR Construction Industry Stnds

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.

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 Environ 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 Workers' 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/Admin
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.

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 Instru 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.

OSH 281 Internship
0 to 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.

OSH 285 Independent Study
0 to 12 Credits

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

Physical Education

PED 143 Tai Chi I
1 Credit

Introduces Tai Chi as an expression of understanding of self-control, exercise and self-defense. The primary emphasis is to gain an understanding of the history (origins and changes) of Tai Chi, the movements and their names, application of movements and terminology.

PED 147 Yoga
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.

Physical Education & Recreation

PER 113 Intro. to Physical Ed & 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.

PER 232 Care/Prevent Athletic Injuries
3 Credits

Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.

Philosophy

PHI 111 Intro. to Philosophy: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH3

PHI 112 Ethics: AH3
3 Credits

Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues.~~This course is one of the Statewide Guaranteed Transfer courses. GT-AH3

PHI 113 Logic: AH3
3 Credits

Studies effective thinking using language-oriented logic. Provides tools and develops skills for creative and critical

Course Descriptions

thinking. Emphasizes the development of decision-making and problem-solving. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH3

PHI 114 Comparative Religions: AH3

3 Credits

Introduces students to the similarities and differences among concepts predominant in the major world religions, comparing sociological, philosophical, and phenomenological similarities between major world faiths. It is designed to transfer to any four-year college philosophy, religious studies or humanities department.

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: 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.

Photography (See Art also)

PHO 205 Professional Digital Photo I

3 Credits

Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools and output devices by executing new assignments and applying these technologies to their photographic process.

Physics

PHY 105 Conceptual Physics w/Lab: SC1

4 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience.

PHY 111 Physics Alg-Based I/Lab: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

PHY 112 Physics Alg-Based II/Lab: 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. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

PHY 211 Physics Calc-Based I/Lab: 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. ~ ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

PHY 212 Physics Calc-Based II/Lab: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

Political Science

POS 105 Intro. to Political Science: SS1

3 Credits

Focuses on a survey of the discipline of political science, including political philosophy and ideology, democratic and non-democratic governments, and processes, and international relations. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS1

POS 111 American Government: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS1

POS 205 International Relations: 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: 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.

Psychology

PSY 101 General Psychology I: SS3**3 Credits**

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

PSY 102 General Psychology II: SS3**3 Credits**

Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, and social psychology. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

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 226 Social Psychology: 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/Dying: 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 & Development: SS3**3 Credits**

Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

PSY 238 Child Development: 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 249 Abnormal Psychology: SS3**3 Credits**

Examines abnormal behavior and its classification, causes, treatment, and prevention.

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.

Science

SCI 155 Integrated Science I: 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: 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.

Sociology

SOC 101 Intro. to Sociology I: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

SOC 102 Intro. to Sociology II: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

SOC 205 Soc Of Family Dynamics: 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.

Spanish

SPA 115 Spanish for the Professional I

3 Credits

Designed as an introduction to a working knowledge of the target language, cultural behaviors and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others

SPA 211 Spanish Language III: 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.

SPA 212 Spanish Language IV: 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.

Theater

THE 105 Theatre Appreciation: 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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

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.

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.

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

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.

THE 132 Theatre Production II

3 Credits

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry,

costuming, lighting, sound, acting, stage managing, and administration is available.

THE 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 Dev of Theatre Greek-Renaissan

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. ~ This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

THE 212 Dev of Theatre Restor-Mod: 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. ~This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

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.

Welding

WEL 102 Oxyacetylene Joining Processes

4 Credits

Introduces safety inspections, minor repairs, operating parameters, oxyacetylene welding equipment, and oxyacetylene welding, brazing, and soldering operations. Blueprint reading skills will be practiced in this course.

WEL 113 Oxyfuel and Plasma Cutting

2 Credits

Outlines the skills needed to set up equipment and perform cutting and gouging operations utilizing the oxyacetylene and plasma arc cutting processes.

WEL 121 Structural Welding I

3 Credits

Covers theory and practice in oxy-acetylene processes with emphasis toward AWS welder qualification with mild steel electrode E-7018 welding in the horizontal and vertical position.

WEL 122 Structural Welding II

3 Credits

Continues WEL 121 with final emphasis toward AWS welder qualification with mild steel electrode E-7018 qualification test in the 2G, 3GU, and 4G position.

WEL 124 Intro.-Gas Tungsten Arc Welding

4 Credits

Covers welding in all positions and on various joint configurations using the GTAW (tig) welding process on carbon steel, stainless steel and aluminum. Student should be familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.

WEL 125 Intro.-Gas Metal Arc Welding

4 Credits

Covers welding in all positions and on various joint configurations using the GMAW (mig) welding process on carbon steel, stainless steel and aluminum. Student should be

Course Descriptions

familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.

WEL 175 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest

WEL 176 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest

WEL 178 Seminar/Workshop

0 to 12 Credits

Provides students with an experiential learning experience.

WEL 180 Internship

0 to 12 Credits

Meets the needs of the student in selected specialized area in a work-based environment. Individualized instruction at the job site will be set up based on student's interest and instructor approval.

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 Adv 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.

WEL 275 Special Topics

0 to 12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest

WEL 278 Workshop

0 to 12 Credits

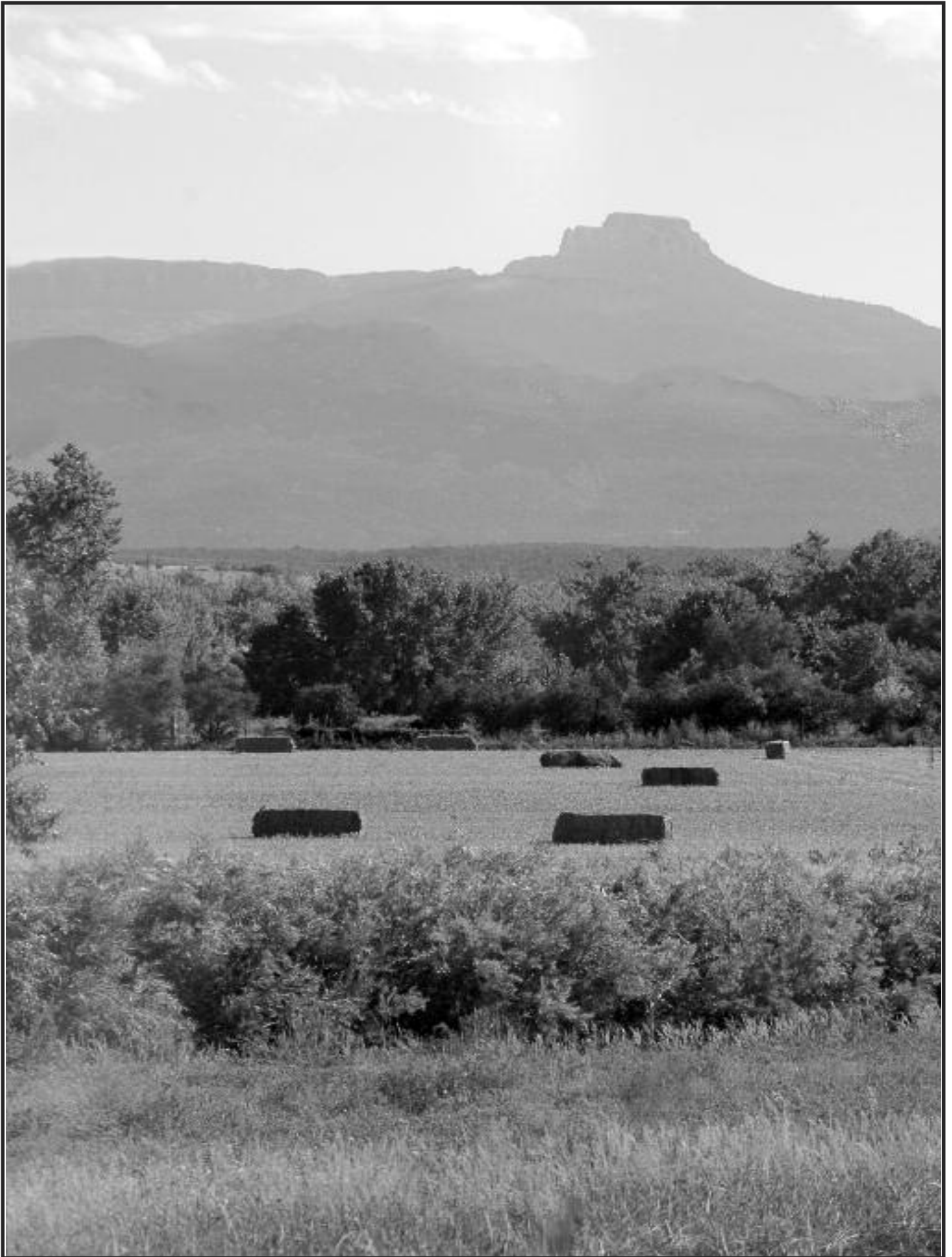
Provides students with an exceptional learning experience.

WEL 285 Independent Study

0 to 12 Credits

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.





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A.A.S., Denver Institute of Technology

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(Computer Technician II)

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A.A., Elementary Education,

Trinidad State Junior College

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M.B.A., Colorado State University;

B.S.B.A., Colorado State University;

M.B.A., Colorado State University;

A.A., Trinidad State Junior College

* BARROS, RON

(Career & Special Services Coordinator)

B.A., Adams State College

B.A., Adams State College

* BATES, LYNETTE

(Dean of CTE, Perkins Administrator)

Advanced Study, M. Ed., Colorado State
University;

B.S., Colorado State University-Pueblo;

A.A., Trinidad State Junior College

*** BIRDSONG, CRYSTAL**

(Faculty - Nursing)
M.S.N., University of Texas;
B.S.N., University of Texas;
A.A.N.P., University of Texas;
A.N.C.C., University of Texas;

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Metro State College
Trinidad State Junior College

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Ph.D., Kansas State University;
M.N.S., University of Oklahoma;
B.S.E., Oklahoma Christian College

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(Structural Trades II)
C.N.A., Trinidad State Junior College

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A.A.S., Trinidad State Junior College

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B.A., Adams State College;
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(Faculty - Nursing)
A.A.S., Trinidad State Junior College

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(Faculty - Aquaculture)
B.S., Colorado State University

*** BURKE, HEIDI**

(Faculty - Nursing)
M.S., Nova University;
B.S.N., Beth El College of Nursing;
B.A., University of Central Florida

• BURNS, SADIE

(Faculty - Early Childhood)
M.Ed., Southwestern Oklahoma
State University;
MPS, Loyola University;
B.S., Oklahoma State University

*** CAHOONE, NATHAN**

(Faculty - Biology)
Masters of Environmental Studies;
Evergreen State College
B.A., Western State College

• CANTU, KRISTLE

(CTE Advisor)
B.S., Adams State College

*** CARLISLE, KATHERINE**

(Faculty - Early Childhood)
M.E., Colorado State University;
B.A., Brown University

*** CARPENTER, KATHRYN**

(Faculty - Nursing)
M.S.N., University of Phoenix, AZ;
MPS, Loyola University;
B.A., Silver Lake College;
A.D.N. & RN, Trinidad State Junior College

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B.A., Weber State University;
M.B.A., University of Phoenix

• CHACON, MATHEW

(Distance Ed Technology Specialist)
A.A.S., Trinidad State Junior College

*** CHACON, JOSEPHINE**

(Administrative Assistant II)
A.A., Trinidad State Junior College;
A.A.S., Trinidad State Junior College

*** CHAVEZ, EMILY**

(Faculty - Cosmetology)
Certificate, Trinidad State Junior College;
Certificate, San Louis Valley Vocational;
Cosmetology Instructor Certificate
Trinidad State Junior College

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(Faculty - Math)
M.S., Oklahoma State University;
B.S., Cal. Poly. San Luis Obispo
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(Faculty - Nursing)
B.S.N., R.N Western Governors University;
A.D.N., Otero Junior College
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(Faculty - English, SSS College to Career
Coordinator)
B.A., Regis University
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A.A.S., Trinidad State Junior College
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B.S.E., University of Arkansas
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(Executive Director of Development &
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B.S., Adams State College;
A.A., Trinidad State Junior College
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(Division Chair, Faculty - Cosmetology)
Cosmetology Certificate, Trinidad State
Junior College;
Cosmetology Instructor Certificate,
Trinidad State Junior College
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(Administrative Assistant II)
A.A.S., Trinidad State Junior College
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(Faculty - Nursing)
A.A.S., St. Clair County Community College;
A.D.N., St. Clair County Community College;
B.S., Chamberlain College of Nursing
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(Marketing Coordinator)
B.A., University of Colorado
- **DOYLE, RACHAEL**
(Assistant Director of Human Resources)
B.A., Adams State College;
M.A., Adams State College
- * **ECKES, TORI**
(Coordinator, Student Success Center)
B.S., University of Colorado Boulder
- **EMERICK, PHILLIP**
(Coordinator - STEM Math Lab, Coordinator,
CCA Grant Math Lab)
M.A., University of Northern Colorado;
B.S., Adams State College
- * **EVANS, KAY**
(Faculty - Massage Therapy)
Diploma, Auckland Technical Institute;
R.C.N, University Entrance,
Rangitoto College
- **FLEMING, LOURDES**
(Faculty - Cosmetology)
Certificate, Trinidad State Junior College
- * **FLORES, BRITTANY**
(Instructional Services Assistant)
- * **FOLDA, MIKE**
(Head Men's Basketball Coach)
B.S., Colorado State University;
A.A., Southeastern Junior College
- * **FRANK, SANTINA**
(Faculty - Nursing)
M.S., University of Phoenix B.A.,
Trinity University;
L.P.N., R.N., Trinidad State Junior College

- * **GABRIELSON, KERRY**
(Vice President of Student Affairs)
 M.S., DePaul University;
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 M.S.N., Walden University;
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(Faculty - Business Technology)
 M.A., Adams State College;
 B.B.A., Angelo State University
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 A.A., Trinidad State Junior College
- * **GILMORE, JOHN**
(Faculty - Speech)
 J.D., University of North Dakota;
 B.A., Adams State College
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(Faculty - Gunsmithing)
 A.A.S., Trinidad State Junior College;
 Certificate of Gun Repair, Trinidad State
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*(Academic Specialist -
 Student SuccessCenter)*
 B.A., Georgia State University;
 A.A.S., Red Rocks Community College
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(STEM Academic Coach)
 M.S. New Mexico Institute of Mining;
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 A.A.S., Trinidad State Junior College
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 M.S.N., University of Phoenix Online;
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 Certificate in MicroComputer Tech.,
 University of New Mexico
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 Advanced Studies, A.B.D.,
 University of Denver;
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 B.S.C., Ohio University
- * **HART, GILLIAN**
(Faculty - Biology)
 M.A., California State University;
 B.A., California State University
- * **HAVERFIELD, DEBRA**
(Faculty - Emergency Medical Services)
 M.A., Adams State College;
 B.S., Buena Vista College
- * **HEUSTED, MARCIA**
(Division Chair, Faculty - Massage Therapy)
 B.S., Northeastern University;
 AMTA Certificate, Massage Institute
 of New England

- * **HOLDEN, RICHARD**
(Athletic Director, Head Womens Basketball Coach)
 M.S., Eastern New Mexico University;
 B.S., Northwestern Oklahoma State University
- * **HOLDEN, CHRISTY**
(Registrar)
 B.S., University of Oklahoma
- * **HOLDREAD, DOUG**
(Faculty - Art)
 M.A., Adams State College;
 B.A., Fort Lewis College;
 A.A., Trinidad State Junior College;
- * **HOLDREAD, LORI**
(Coordinator - Learning Center)
 B.A., University of Texas at El Paso
- * **HOLLINGSWORTH, DENNIS**
(Structural Trades III)
 A.A.S., Trinidad State Junior College;
 Certificate Diesel Mech., Trinidad State Junior College
- * **HOLLINGSWORTH, LESLIE**
(Administrative Assistant II)
 A.S., Business, Trinidad State Junior College
- **HUNTER, LARRY**
(General Labor I)
- * **JOLLY, DAN**
(Structural Trades I)
 Certificate, Diesel Mechanics,
 Trinidad State Junior College
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(Vice President of Administrative Services)
 Post Graduate Studies,
 Colorado State University;
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 M.S., California State University
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 B.F.A., Colorado State University
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*(Residence Hall Director/
 Assistant Men's Basketball Coach)*
 M.S., University of Northern Texas;
 B.S., Kinesiology, University of Northern Colorado;
 B.S., Psychology, University of Northern Colorado
- * **KRUMM, DEBBIE**
(STEM Director)
 P.h.D. University of Colorado;
 M.S. University of Florida;
 B.S., University of South Carolina
- **LANGFORD, KICHEAL**
(Accounting Technician II)
 A.A.S., Trinidad State Junior College
- * **LEE, JUDY**
(Faculty - Communication)
 M.S., Indiana University;
 B.A., University of Colorado Boulder
- **LOPEZ, MARGARET**
(Outreach Education Specialist)
 B.A. Adams State College;
 A.A. Colorado Mountain College
- **LUCAS, FRANCISCO**
(General Labor I)

Faculty and Staff

*** LUCERO, ERNEST**

(Custodian I)

*** LUDDEN, CHELLO**

(Faculty - English)

M.A., San Diego State University;

B.A., San Diego State University;

ESL Certificate, San Diego State University;

*** LUJAN, ANNETTE**

(*Institutional Research*)

B.A., Adams State College;

A.A., Trinidad State Junior College

*** MACLAREN, JUDY**

(*Division Chair, Math/Science, Faculty - Math, Director Upward Bound Math Science*)

M.A., Regis University;

B.A., University of Colorado Boulder;

A.A., Trinidad State Junior College

*** MANTELLI, LOUIS**

(*Director - Physical Plant Operations*)

A.A.S., Trinidad State Junior College

*** MARQUEZ, JASON**

(*Custodian I*)

A.A. Mechanics, Trinidad State Junior College

*** MARTIN, LORETTA**

(*Director - Museum*)

B.A., Adams State College;

A.A., Trinidad State Junior College

*** MARTIN, RONNIE**

(*Distance Education Technology Specialist*)

A.S., Trinidad State Junior College

• MARTINEZ, DEBBIE

Accounting Technician II

• MARTINEZ, ROBERT

(*Associate Dean of Student Services*)

B.A., Adams State College

*** MASSAROTTI, ALICIA**

(*STEM COOP Activities Director, Assistant Director - UBMS*)

B.A., University of Colorado Boulder

*** MAXWELL, DESI**

(*Faculty - Math Lab*)

A.S., Trinidad State Junior College

• MCBRIDE, MOLLI

(*Instructional Services Coordinator*)

*** MCGILL, ELLEN**

(*Head Women's Volleyball Coach*)

M.S., Western Carolina University;

B.S., Virginia Intermont College

*** MCGINTY, SEAN**

(*Faculty - English*)

M.F.A., University of Iowa;

B.A., Grinnell College

*** MCLAUGHLIN, JOHN**

(*Faculty - Gunsmithing*)

A.A.S., Trinidad State Junior College;

Certificate, Trinidad State Junior College

*** MEDINA, ORLANDO**

(*Grounds & Nursery I*)

Welding Certificate,

Trinidad State Junior College;

Electronics Certificate, Trinidad State

Junior College;

EMT Certification, Trinidad State

Junior College

• MEDINA, MARIA

(*Faculty - Nursing*)

B.S.N., Adams State College;

A.D.N., Trinidad State Junior College

*** MENENDEZ, BLANCA**

(*Accounting Technician I*)

A.A.S., Trinidad State Junior College

*** MILLER, AARON**

(*Head Men's and Women's Soccer Coach*)

B.A. Kansas Wesleyan University

*** MILLER, ROBERT**

(*Faculty, Head Diesel Mechanics*)

Certificate Diesel Mechanics, San Luis Valley Area Vocational School

*** MINCIC, CAROL**

(Coordinator of Fiscal Services)
A.A., Trinidad State Junior College

• MINOW, NANCY

(Faculty - Math)
M.A. Adams State College;
B.A. Adams State College

• MOBBLEY, DIAMOND

(Faculty - Humanities)
M.A., Adams State College;
B.A., Adams State College

• MOLINA, NANCY

(Coordinator - Student Success Center)
M.A. University of Phoenix Online;
B.A., Adams State College

*** MORENO, KRYSTALEE**

(Director - Upward Bound Classic)
B.A., Adams State College;
A.G.S., Pueblo Community College

• MORTENSEN, KASSIE

(Faculty - Cosmetology)
Certificate, Olympic Beauty Academy

*** NELSON, PATTI**

(Custodian I)
B.G.S., Roosevelt University

*** NESBITT, SUSAN**

(Faculty - Psychology)
PhD, University of Illinois;
M.S.W., University of Illinois;
B.A., Northeastern Illinois University

*** NEWPORT, RYAN**

(Faculty - Gunsmithing)
A.A.S., Trinidad State Junior College

*** NICCOLI, KIM**

(Campus Communications)
A.A.S., Trinidad State Junior College

*** NOLAN, DAVE**

(Division Chair, Faculty - Gunsmithing)
A.A.S., Trinidad State Junior College;
A.A.S., Trinidad State Junior College

Trinidadstatejuniorcollege.edu

• O'BRIEN, ERIC

(Faculty - Diesel Mechanics)
Certificate Industrial Systems,
Trinidad State Junior College

• O'BRIEN, YVETTE

(Faculty - Medical Assistant)
C.N.A., Trinidad State Junior College

*** ORTA, ANDREW**

(Residence Hall Director)
Certificate, Army Education Center
Certificate, Big Bend Community College

• ORTEGA, BONNIE

(Faculty - Education)
M.A., Adams State College;
B.A., Adams State College;
Certificate, Police Academy,
Trinidad State Junior College

• ORTEGA, ROSALIE

(Program Assistant I)
Certificate, San Luis Valley
Area Vocational School

*** OWEN, JASON**

(Custodian I)

*** PENA, JUANITA**

(Controller)
B.A., Adams State College

• PEPPER, GAYLE

(Faculty - Cosmetology)
A.G.S., Trinidad State Junior College;
Certificate, Lea County Beauty College

*** PERRY, LINDA**

(Assistant to Development,
Alumni Relations Assistant)
B.S., University of Colorado

*** PHILBIN, ROBERT**

(Faculty - Physics)
M.A., Princeton University;
B.S., Colorado School of Mines

Faculty and Staff

• **RAEL, ROLANDO**

*(Dean of Instruction/
Academic Programs)*
P.h.D., University of California;
M.S., University of New Mexico Highlands;
B.S., University of New Mexico Highlands

• **RAEL-LINDSAY, ANNA MAE**

(Coordinator ABE/Lead Instructor)
B.A., Adams State College

* **RALSTON, MERI**

*(SSS Program Assistant -
Human Resources)*
Assistant Certificate, Assert Inc.

• **RASMUSSEN, GENIA**

(Faculty - Business)
M.A., Adams State College;
B.A., Adams State College;
A.A.S, LDS Business College

• **REEVES, BRIAN**

(Faculty - Humanities)
M.A.T., Emory University;
M. Div., Princeton Theological Seminary;
A.B., Stanford University

• **RELYEA, JIM**

(Faculty - Fine Woodworking)
B.S., Colorado State University

* **REORDA, JOSEPH**

(Faculty - Theater)
M.F.A., California College of Arts;
B.A., Colorado College

* **RIENKS, VICKI**

(Data Coordinator - Upward Bound)
B.A., Adams State College;
A.A., Trinidad State Junior College

* **RIVERA, WAYNE**

(Library Resource Manager)
B.A., New Mexico Highlands University;
A.A., Trinidad State Junior College

* **RODMAN, SANDRA**

(Director - Bookstore)
B. S., Southern Illinois University;
A. A., San Yuan College

* **ROMERO, RAYMOND**

(Security I)
Bachelor's Degree, Sociology,
University of Southern Colorado

• **SALAZAR, VICTOR**

(TRIO Retention Specialist)
M.A., Adams State College;
B.A., Adams State College

* **SALBATO, MIKE**

(Web Designer, Developer)
A.A.S., Trinidad State Junior College

* **SAMORA, EDWARD**

(General Labor I)
Welding Certificate,
Trinidad State Junior College
A.A.S., Trinidad State Junior College

* **SANCHEZ, ROBERT**

(Faculty - Welding)
XTO Certification

• **SANDERSON, MARGARET**

(Assistant to Senior Administration)
A.B., Adams State College;
Certificate Office Technologies,
Trinidad State Junior College

• **SCHOENECKER, RHONDA**

(Faculty - Developmental English)
M.A., Adams State College;
B.A., Adams State College

* **SCHULTZ, JIM**

(Senior Accountant)
B.S., California Polytechnic State University

* **SEGURA, BETTY**

*(Upward Bound Math/Science
Assistant Coordinator)*
A.A., Trinidad State Junior College
Certificate Adv. Ethics,
University of Oklahoma

*** SHIVELEY, SHANNON**

(Director - Title V)
 M.E., Lesley University;
 B.A., University of Southern Colorado;
 A.A., Trinidad State Junior College

• SINGER, LURON

(STEM Academic Coach)
 M.A., Adams State College;
 B.S., Adams State College;
 B.S., Colorado State University

• SISNEROS, MICHAEL

(Recruiter/Outreach Specialist)
 B.A., Adams State College

*** SUH, SHARON**

(Faculty - Music)
 M.A., San Francisco Conservatory of Music;
 B.A., University of California

*** Sumner, Jean**

(Assessment Coordinator)
 M.S., Washington State University;
 B.S.N., University of Pennsylvania

*** SUMPTER, BILLEE**

(Faculty - Agricultural Business Management)

*** Swazo, Steve**

(Head Women's Softball Coach)
 B.A., University of Nebraska at Kearney

• SWOPE-FLETCHER, JILL

(Nursing Faculty)
 M.S., Northern Arizona University;
 BSN, University of Alaska;
 BA, Journalism/Natural Resource Management

*** TALLEY, DOUG**

(Electrical Trades I)
 Associates, Engineering,
 University of Californian

• TEEM, LORI

(Manager - Bookstore)

*** ULIBARRI, DEBBIE**

(Dean of Arts & Sciences,
 Chair Strategic Planning Committee)
 M.A., Regis University;
 B.S., New Mexico Highlands University;
 A.A. Trinidad State Junior College;
 A.S., Trinidad State Junior College;

*** VAN ORDEN, KIM**

(Distance Learning Proctor)
 A.A., Trinidad State Junior College;
 A.A.S., Trinidad State Junior College

*** VECELLIO-KISHMAN, VALERIE**

(Payroll Coordinator)
 A.A.S., Trinidad State Junior College

*** VEGA, THERESA**

(EOCC Coordinator)
 Advanced Study, University of Colorado;
 B.A., University of Colorado Boulder

*** VELASQUEZ, LORRIE**

(Director of Human Resources)
 B.S.B.A., Regis University;
 A.A.S., Trinidad State Junior College;
 A.A.S., Trinidad State Junior College;
 A.A., Trinidad State Junior College

*** VEZZANI, DARRYL**

(Custodian I, Facilities)
 Certificate Flight & Firefighting,
 Naval Air Station

*** VIGIL, GEORGE**

(Custodian I, Facilities)
 Certificate Building Trades, Trinidad State
 Junior College

*** VIGIL-ALCON, AMANDA**

(Intervention Specialist,
 Student Success Center)
 M.B.A., New Mexico Highlands University;
 B.B.A., New Mexico Highlands University;

*** WALKER, DAVID**

(Gunsmithing Tool Room Manager)

- * **WATSON-FLORES, LESLEE**
(Coordinator - Math Lab,
Faculty - Math)
B.S., University of Southern Colorado;
A.S., Trinidad State Junior College

- **WEBER, LAURIE**
(Director of Administration)
B.A., University of Alaska

- **WESTERMAN, MATHILDA**
(Administrative Assistant III)
A.G.S., Trinidad State Junior College;
Certificate, San Louis Valley
Area Vocational School

- * **WEURDING, PEGGY**
(Academic Advisor)
M.Ed, Colorado State University;
B.S. University of Southern Colorado;
A.A., San Diego Community College

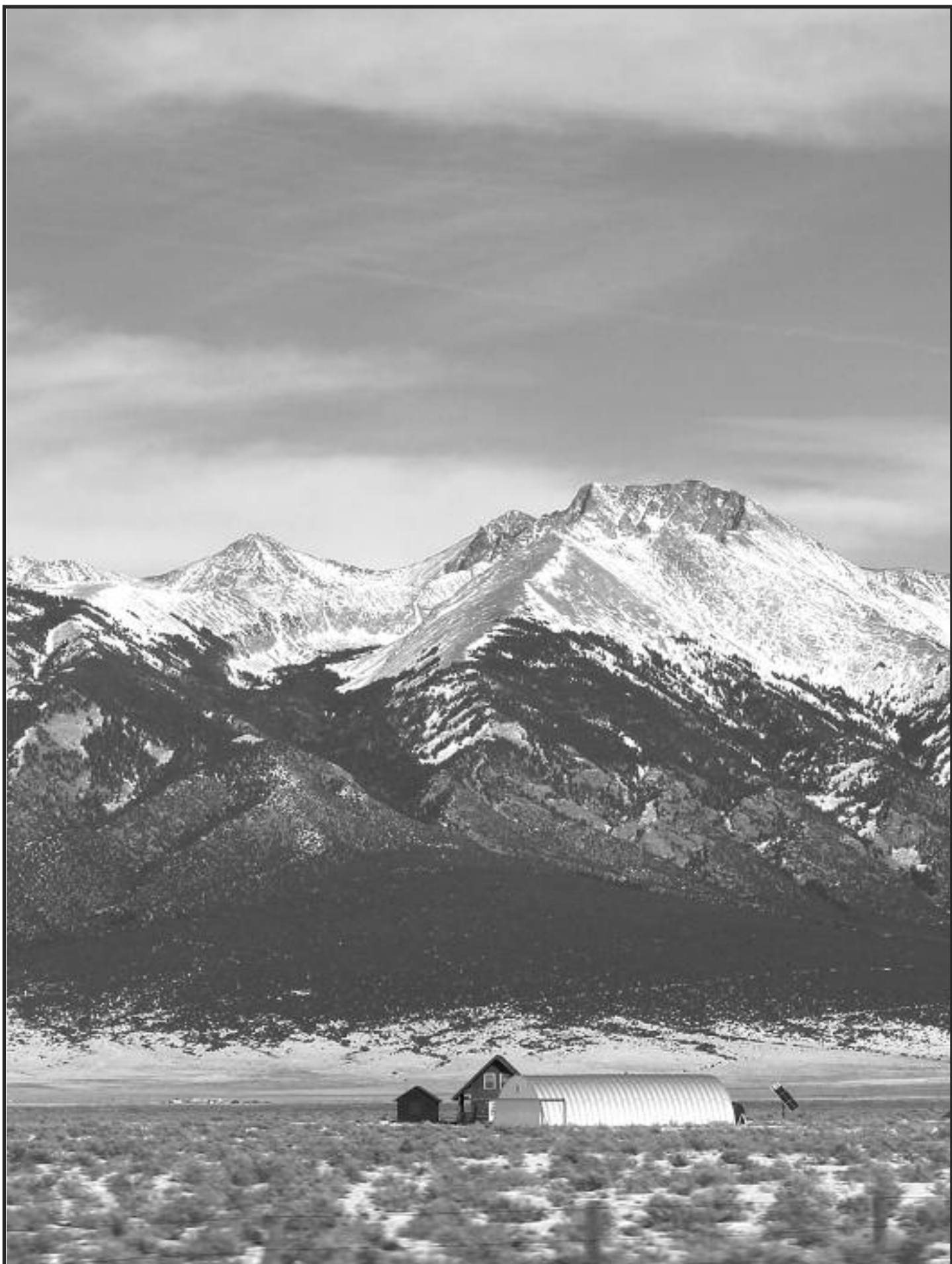
- **WILEY, JACK**
(Faculty - Agricultural Business)
Management B.S.,
New Mexico State University;
M.A., New Mexico State University

- * **WILKINSON, NANCY**
(Director - AES)
M.Ed., Colorado State University;
B.S., Texas A & M University;
Education Certificate, University of Texas &
Odessa Jr. College

- **WILLIAMS, NORMAN**
(Faculty - Welding)
Apprenticeship Certification

- * **WILLIAMSON, IRA**
(Computer Technician II)

- * **WILSON, DANIEL**
(Career Coach - TAA Grant)
AOS - Denver Automotive & Diesel College



Academic Calendars

2013 Summer Semester	
May 31st	Registration, Advising, Placement Testing
June 3rd – July 12th	Six Week Session
June 3rd – July 26th	Eight Week Session
June 8th	Census Date, Six Week Session
June 10th	Census Date, Eight Week Session
July 3rd	Withdrawal Date, Six Week Session
July 4th	Independence Day
July 15th	Withdrawal Date, Eight Week Session

2013 Fall Semester	
August 16th	Registration, Advising, Placement Testing
August 19th	Classes Begin
September 2nd	Labor Day Holiday, No Classes, College Closed
September 4th	Census Date
September 18th	Withdrawal Date
October 7th – 11th	Mid Term Exams
November 25th – 27th & 29th	Fall Break, No Classes, College Open
November 28th	Thanksgiving Day, No Classes, College Open
December 9th – 11th	Final Exams

2014 Spring Semester	
January 10th	Registration, Advising, Placement Testing
January 13th	Classes Begin
January 29th	Census Date
March 3rd – 7th	Mid Term Exams
March 17th – 21th	Spring Break, College Open
April 14th	Withdrawal Date
April 18th – 21th	Easter Break, No Classes, College Open
May 5th – 8th	Final Exams
May 9th	Trinidad Campus Commencement
May 9th, Evening	Valley Campus Commencement

Academic Calendars Continued

2014 Summer Semester	
May 30th	Registration, Advising, Placement Testing
June 2nd – July 11th	Six Week Session
June 2nd – July 25th	Eight Week Session
June 7th	Census Date, Six Week Session
June 9th	Census Date, Eight Week Session
July 3rd	Withdrawal Date, Six Week Session
July 4th	Independence Day
July 14th	Withdrawal Date, Eight Week Session

2014 Fall Semester	
August 15th	Registration, Advising, Placement Testing
August 18th	Classes Begin
September 1st	Labor Day Holiday, No Classes, College Closed
September 3rd	Census Date
September 17th	Withdrawal Date
October 6th – 10th	Mid Term Exams
November 24th – 26th & 28th	Fall Break, No Classes, College Open
November 27th	Thanksgiving Day, No Classes, College Open
December 8th – 10th	Final Exams

2015 Spring Semester	
January 9th	Registration, Advising, Placement Testing
January 12th	Classes Begin
February 4th	Census Date
March 3rd – 7th	Mid Term Exams
March 17th – 21th	Spring Break, College Open
April 20th	Withdrawal Date
April 3rd – 6th	Easter Break, No Classes, College Open
May 4th – 7th	Final Exams
May 8th	Trinidad Campus Commencement
May 8th, Evening	Valley Campus Commencement

600 Prospect St.
TRINIDAD, CO 81082
1-800-621-TSJC

1011 Main St.
ALAMOSA, CO 81101
1-800-411-8382



www.trinidadstate.edu