COLLEGE CATALOG 2019-20

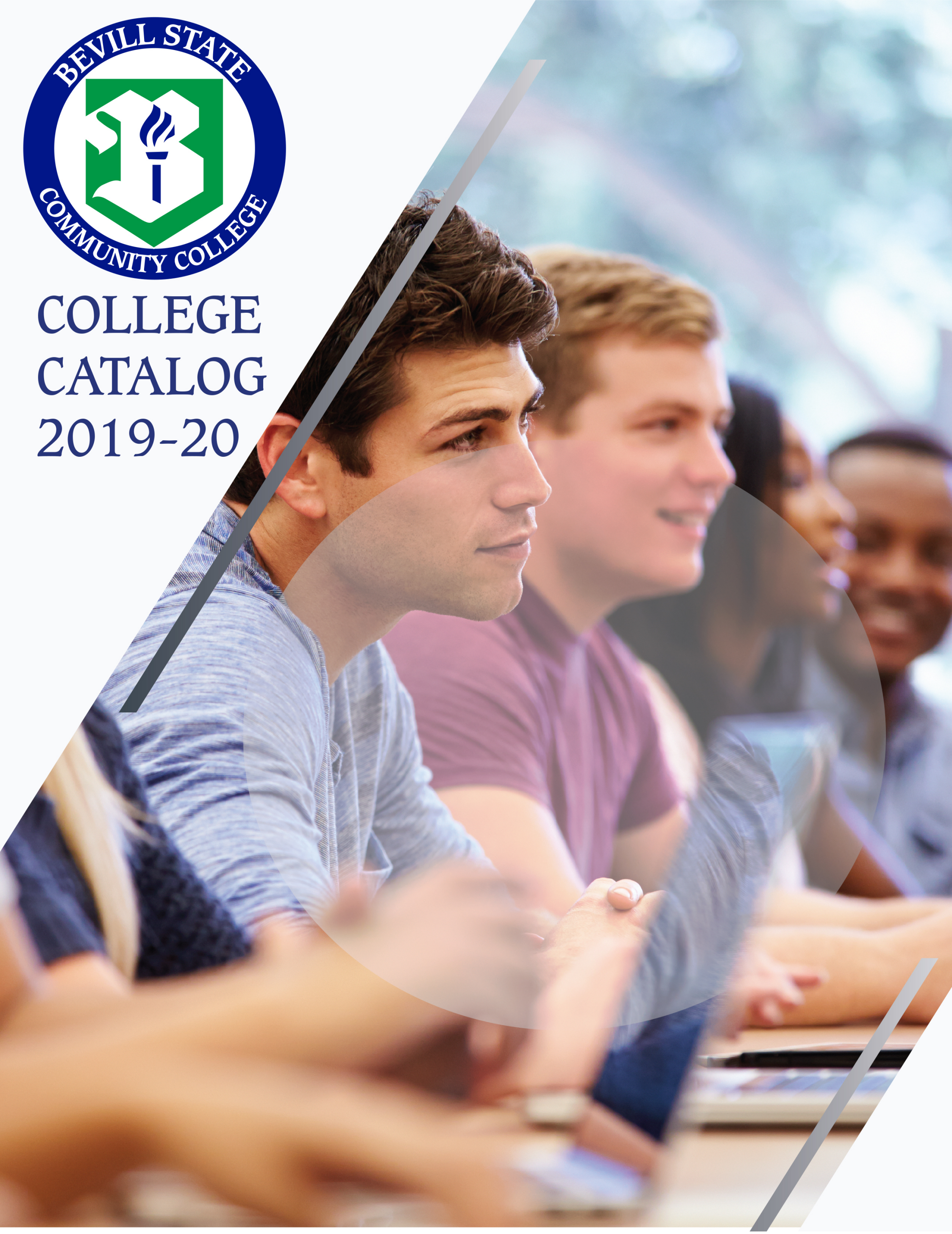


Table of Contents

General Information | Page 4

General Information | Page 4

Admissions Information | Page 11

Financial Information | Page 13

Academic Information | Page 16

Academic Transfer | Page 21

Transfer Guides | Page 22

Health Sciences | Page 31

Nursing | Page 32

Paramedic | Page 35

Surgical Technology | Page 37

Phlebotomy | Page 38

Career Technical Education | Page 39

Career Technical Education Programs | Page 39

Air Conditioning & Refrigeration Technology (ACR) Program | Page 39

Advanced Engineering Design Technology (EDT) Program | Page 42

Child Development (CHD) Program | Page 47

Computer Science (IT) Program | Page 50

Electrical Systems Technology (ELT) Program | Page 55

Industrial Mechanical Maintenance Technology (INT) Program | Page 56

Machine Tool Technology (MTT) Program | Page 58

Management and Entrepreneurship (ETP) Program | Page 62

Industrial Electrical Technology (IST) Program | Page 63

Office Administration and Technology (OAT) Program | Page 65

Salon and Spa Management (SAL) Program | Page 68

Truck Driver Training (TRK) Program | Page 71

Vehicle Technology and Repair (VTR) Program | Page 71

Welding Technology (WDT) Program | Page 74

Course Descriptions | Page 79

Accounting Technology | Page 79

Advanced Engineering Design Technology (EDT) | Page 79

Advanced Manufacturing | Page 83

Air Conditioning & Refrigeration Technology (ACR) | Page 83

Anthropology | Page 85

Architectural Engineering Technology | Page 85

Art | Page 85

Astronomy | Page 87

Auto Body Repair Technology | Page 87

Automated Manufacturing Technology | Page 88

Automotive Service Excellence | Page 89

Barbering | Page 90

Basic Study Skills | Page 92

Biology | Page 92

Business | Page 92

Chemistry | Page 94

Child Development (CHD) | Page 95

Computer Science (IT) | Page 96

Computerized Numerical Control | Page 98

Cosmetology | Page 99

Cosmetology Instructor Training | Page 102

Criminal Justice | Page 102

Diesel Mechanics | Page 103

Economics | Page 104

Electrical Technology | Page 104

Electromechanical Technology | Page 105

Electronics Technology | Page 105

Engineering | Page 105

English | Page 106

Geography | Page 107

Geology | Page 107

Health Education | Page 107
History | Page 108
Home Economics | Page 109
Humanities | Page 109
Industrial Electronics Technician/Manufacturing Engineering | Page 109
Industrial Mechanical Maintenance Technology (INT) | Page 110
Interdisciplinary Studies | Page 111
Machine Tool Technology (MTT) | Page 111
Management and Entrepreneurship (ETP) | Page 114
Mass Communications | Page 114
Mathematics | Page 114
Music | Page 116
Music Ensemble | Page 117
Music Performance | Page 118
Nursing | Page 32
Nursing (Nurse Assistant/Aide) | Page 120
Office Administration and Technology (OAT) | Page 120
Orientation | Page 122
Paramedic | Page 35
Philosophy | Page 124
Phlebotomy (MLT) | Page 124
Physical Education | Page 124
Physical Science | Page 126
Physics | Page 127
Political Science | Page 127
Psychology | Page 128
Reading | Page 128
Religion | Page 128
Salon and Spa Management (SAL) | Page 128
Sociology | Page 128
Spanish | Page 129
Speech | Page 129
Surgical Technology | Page 37
Theater Arts | Page 130
Truck Driver Training (TRK) | Page 130
Vehicle Technology and Repair (VTR) | Page 131
Welding Technology (WDT) | Page 131
Workplace Skills | Page 134

Student Handbook | Page 135

Opportunities for Participation | Page 135
General Services | Page 136
Official Recognition of Campus Organizations | Page 139
Student Records | Page 140
Campus Safety/Security | Page 141
Student Conduct Code | Page 143
Drug and Alcohol Abuse Prevention Policy | Page 146
Student Housing Rules and Regulations | Page 148
Bevill State Community College Intellectual Property Rights Statement | Page 150
Bevill State Community College Copyright Policy | Page 150
Bevill State Community College Internet Policy | Page 151
Social Media Policy | Page 152

Personnel | Page 153

General Information

General Information

2019-2020 College Calendar

2019 Fall Semester

August 13	REGISTRATION FOR FALL SEMESTER
August 14-19 (Wed-Mon)	Late Registration & Schedule Change Period - Full Term & 1st Mini Term
August 15	Classes Begin (Full Term & 1st Mini Term)
Aug 31-Sept 1 (Sat-Sun)	Weekend classes will ***not*** meet
September 2 (Monday)	LABOR DAY/COLLEGE CLOSED
September 9 (Monday)	Mid-Term - 1st Mini Term (Last day to drop with a grade of “W” - 1st Mini Term)
October 3 (Thursday)	Classes end - 1st Mini Term (Last day to drop classes - 1st Mini Term)
October 4-8 (Fri-Tue)	REGISTRATION FOR 2ND MINI TERM
October 7 (Monday)	Mid-Term - Full Term (Last day to drop with a grade of “W” - Full Term)
October 7 (Monday)	Final exams - 1st Mini Term
October 9 (Wednesday)	Classes begin - 2nd Mini Term
October 10-11 (Thu-Fri)	Late Registration & Schedule Change Period - 2nd Mini Term
November 4 (Monday)	Mid-Term - 2nd Mini Term (Last day to drop with a grade of “W” - 2nd Mini Term)
November 4-22	ADVANCED REGISTRATION FRO SPRING SEMESTER
November 11 (Monday)	VETERANS DAY/COLLEGE CLOSED
November 23-24 (Saturday-Sunday)	Weekend classes ***will*** meet
November 28-29 (Thu-Fri)	November 28-29 (Thu-Fri)
Nov 30- Dec 1 (Sat-Sun)	Weekend classes will ***not*** meet
December 4 (Wednesday)	Classes end - Full Term (Last day to drop classes - Full Term)
December 4 (Wednesday)	Classes end - 2nd Mini Term (Last day to drop classes - 2nd Mini Term)
December 5-11 (Thur-Wed)	Final exams - Full Term & 2nd Mini Term
Dec 20-Jan 1 (Thu-Tue)	Final exams - Weekend classes

2020 Spring Semester

November 4 - November 22	ADVANCED REGISTRATION FOR SPRING SEMESTER
January 6 (Monday)	REGISTRATION FOR SPRING SEMESTER
January 7 (Monday)	Classes Begin for Full Term & 1st Mini Term
January 7-10 (Tue-Fri)	Late Registration and Schedule Change Period for Full Term and 1st Mini Term
January 18-19 (Saturday-Sunday)	Weekend Classes ***will*** meet
January 20 (Monday)	MARTIN LUTHER KING DAY/COLLEGE CLOSED
February 3 (Monday)	Mid-Term for 1st Mini Term (Last Day to Drop with a Grade of “W” for 1st Mini Term)
February 12-13 (Wed-Thu)	REGISTRATION FOR FALL MINIMESTER
February 27 (Thursday)	Classes End for 1st Mini Term (Last Day to Drop Classes for 1st Mini Term)
Feb 28 - Mar 3 (Fri-Tue)	REGISTRATION FOR 2ND MINI TERM
March 2 (Monday)	Mid-Term for Full Term (Last Day to Drop with a Grade of 'W' for Full Term)
	Final Examinations - 1st Mini Term
March 4 (Wednesday)	Classes Begin for 2nd Mini Term
March 4 - 5 (Wed-Thu)	Late Registration and Schedule Change Period for 2nd Mini Term
March 23 (Monday)	Mid-Term Spring Minimester
	Last Day to Drop with a Grade of ‘W’ for Spring Minimester
March 23-27 (Mon-Fri)	SPRING BREAK
March 28-29 (Sat-Sun)	Weekend Classes ***will not*** meet
April 1-April 17	ADVANCED REGISTRATION FOR SUMMER SEMESTER
April 6 (Monday)	Mid-Term for 2nd Mini Term (Last Day to Drop with a Grade of “W” for 2nd Mini Term)
April 18 (Saturday)	Instructional Makeup (in case of inclement weather)
April 28 (Thursday)	Classes End for Full Term (Last Day to Drop Classes for Full Term)
	Classes End for 2nd Mini Term (Last Day to Drop Classes for 2nd Mini Term)
April 29 - May 5 (Fri-Thu)	Final Examinations - Full Term & 2nd Mini Term
May 1 - 3	Final Examinations Spring Weekend Classes
May 8 (Friday)	Graduation - Jasper Campus
May 11 (Monday)	Graduation - Hamilton Campus
May 12 (Tuesday)	Graduation - Fayette Campus
May 14 (Thursday)	Graduation - Sumiton Campus

2020 Summer Semester

April 1-April 17	ADVANCE REGISTRATION FOR SUMMER SEMESTER
May 26 (Tuesday)	REGISTRATION FOR SUMMER SEMESTER
May 27-28 (Wed-Thu)	Late Registration and Schedule Change Period for Full Term & 1st Mini Term
May 28 (Wednesday)	Classes Begin for Full Term & 1st Mini Term
June 8 (Monday)	Summer Pell Recalculation Date
June 10 (Monday)	Mid-Term for 1st Mini Term (Last Day to Drop with a Grade of “W” 1st Mini Term)
June 29 (Monday)	Classes End for 1st Mini Term (Last Day to Drop Classes 1st Mini Term)
June 30 (Tuesday)	Mid-Term for Full Term (Last Day to Drop with a Grade of “W” Full Term)
	Final Exams - 1st Mini Term
June 30 - July 1 (Tue-Wed)	REGISTRATION 2ND MINI TERM
July 2 (Thursday	Classes begin - 2nd Mini Term
	Late Registration and Schedule Change Period for 2nd Mini Term
July 3 (Friday)	INDEPENDENCE DAY OBSERVED/COLLEGE CLOSED
July 7-30	ADVANCE REGISTRATION FOR FALL SEMESTER
July 20 (Monday)	Mid-Term - 2nd Mini Term (last day to drop with a grade of “W” 2nd Mini Term)
August 4 (Tuesday)	Classes End for Full Term & 2nd Mini Term (Last Day to Drop Classes Full Term & 2nd Mini Term)
August 5-6 (Wed-Thu)	Final Examinations - Full Term & 2nd Mini Term

Registration Dates

July 8-25, 2019	2019 Fall Term & 1st Fall Mini Term Advanced Registration
August 13, 2019	2019 Fall Term & 1st Fall Mini Term Registration
October 4-8, 2019	2019 2nd Fall Mini Term Registration
November 4-22, 2019	2020 Spring Full Term & 1st Spring Mini Term Advanced Registration
January 6, 2020	2020 Spring Full Term & 1st Spring Mini Term Registration
February 12-13, 2020	2020 Spring Minimester Registration
Feb 28 - Mar 3, 2020	2020 2nd Spring Mini Term Registration
April 1-April 17, 2020	2020 Summer Full Term & 1st Summer Mini Term Advanced Registration
May 26, 2020	2020 Summer Full Term & 1st Summer Mini Term Registration
June 30 - July 1, 2020	2020 Summer 2nd Mini Term Registration
July 7-30, 2020	2020 Fall Full Term & 1st Fall Mini Term Advanced Registration

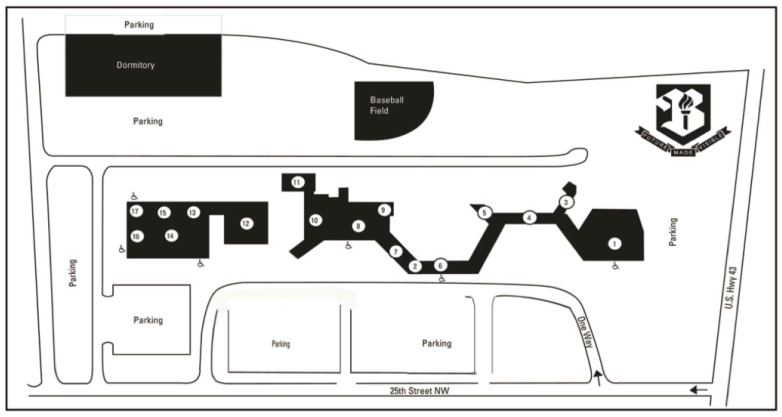
School Holidays (College Closed)

September 2, 2019	Labor Day - State Holiday
November 11, 2019	Veterans Day - State Holiday
November 28-29, 2019	Thanksgiving - State Holidays
December 20, 2018-January 1, 2020	Christmas Holidays and Local Holidays
January 1, 2020	New Year’s Day - State Holiday
January 20, 2020	Martin Luther King Day - State Holiday
May 25, 2020	Memorial Day - State Holiday
July 3, 2020	Independence Day Observed - State Holiday

College Maps

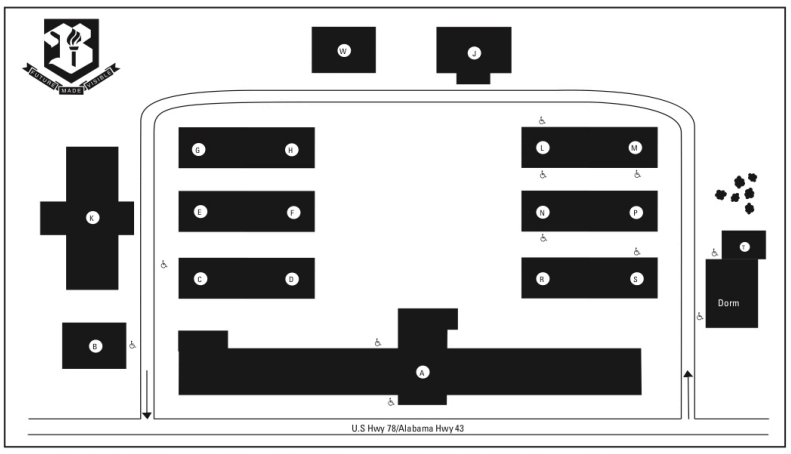
CAMPUS MAPS

FAYETTE CAMPUS - Fayette, AL



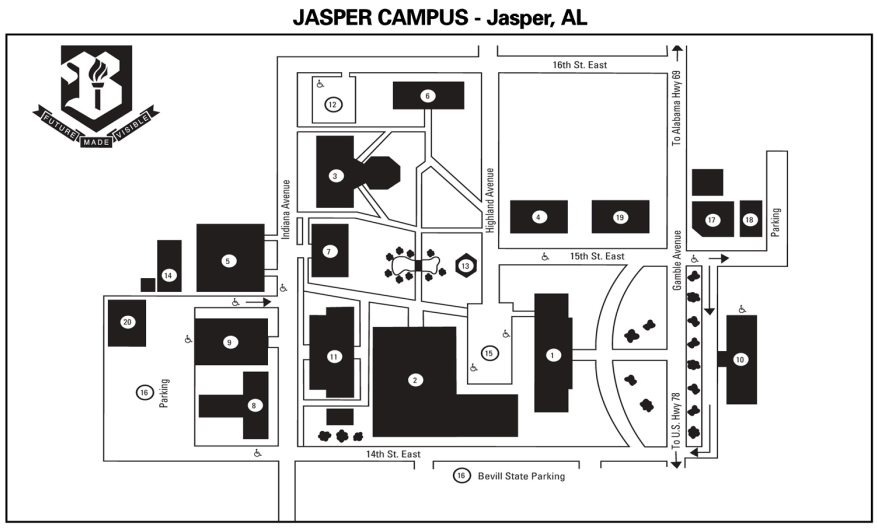
1. Library/ Learning Resource Center
2. Testing Center
3. Science Wing
4. Classrooms
5. Administrative Offices
6. Office of Student Services
7. Student Support Services
8. Gymnasium
9. Bear's Den/Student Center Business Office/Bookstore
10. Wellness Center
11. Maintenance
12. Health Science Wing
13. Adult Education classrooms
14. Tom Bevill Center Bldg
15. Alabama Career Center
16. Earl McDonald Auditorium
17. Cafeteria

HAMILTON CAMPUS - Hamilton, AL



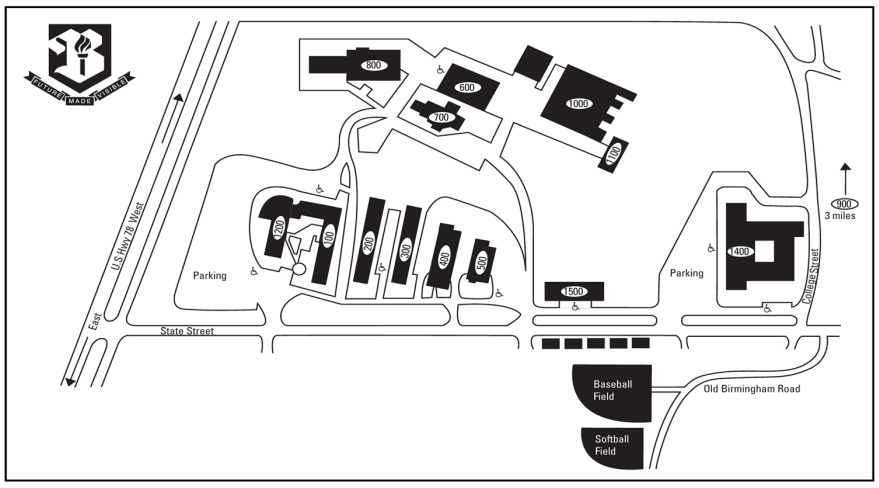
Building A: Admin Services/Library
Building B: Bevill Building
Building C: Bookstore
Building D: Electronics
Building E: Air Conditioning
Building F: Welding
Building G/H: Automotive Technology
Building J: Cosmetology/Barbering
Building K: Health Sciences
Building L: Lecture Hall
Building M: Wellness Center
Building N/P: Machine Shop
Building R: Drafting
Building S: Alabama Skills Center
Building T: Dorm
Building W: Warehouse

JASPER CAMPUS - Jasper, AL



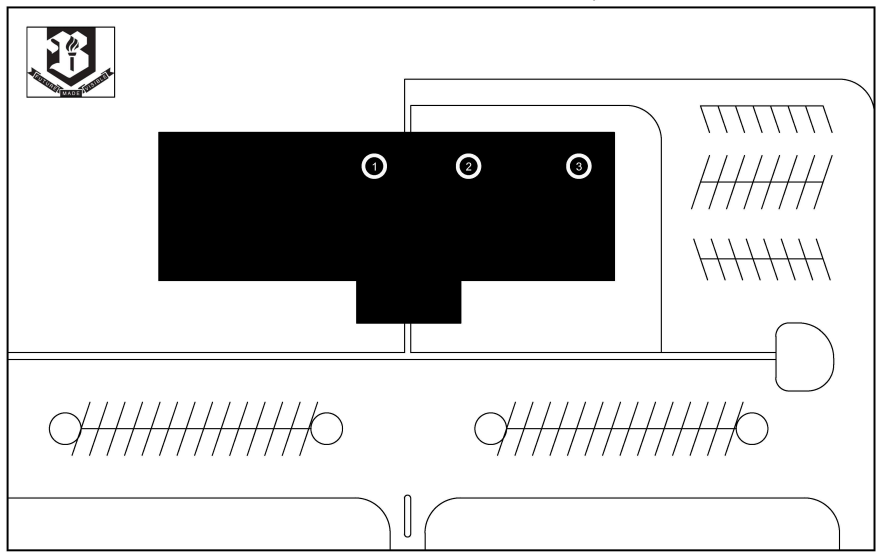
1. Davis Hall/Distance Learning Center (D)
2. Wade Math & Science Building (H)
3. L. M. Walker Hall/Arts & Humanities (W)
4. Thornton Chapel (CH)
5. Glen R. Clem Gymnasium
6. Continuing Education Center
7. Jesse Student Center/Bookstore
8. McCutcheon-Fair Hall
9. Rowland Education Center (R)
10. Sam R. Murphy Hall
11. Irma Dilg Nicholson Library
12. L. M. Walker Hall Parking
13. Gazebo
14. Maintenance Building
15. Faculty/Staff Parking
16. Parking
17. Bevill Hall/Health Sciences (B)
18. Carl Hare Simulation Lab
19. Foundation House
20. Maintenance Storage

SUMITON CAMPUS - Sumiton, AL



Bdg 100: Business & Office Administration
Computer Science
Computer Services
Cosmetology
Bdg 200: Bookstore
Business Office/Purchasing
Bdg 300: Electrical Systems Technology
Air Conditioning/Refrigeration Tech
Bdg 400: Auto Body Repair Tech
Bdg 500: Distance Education classroom
Bdg 600: Machine Tool Technology
Auto Tech, Adult Education
Bdg 700: Mining
Bdg 800: Welding Technology
Diesel Technology
Bdg 900: Truck Driving (Off Campus)
Bdg 1000: Mining Technology
Simulated Coal Mine
Bdg 1100: Warehouse & Maintenance
CDL Training
Bdg 1200: Administrative Offices/Services
Library/Learning Resource Center
Office of Student Services
Testing Center
Bdg 1400: Business & Industry Training
Drafting Technology
Science Laboratories
Cafeteria, Civic Dining Room
Exhibit Hall
Security Office
Bdg 1500: Health Sciences, Computer/Scie
Distance Education classroom

PICKENS CENTER - Carrollton, AL



1.ADMINISTRATIVE OFFICES
STUDENT SERVICES
BUSINESS OFFICE
BOOKSTORE

2. LIBRARY

3. STUDENT CENTER

2018-2019 Graduation Rate/Student Right to Know Report

The 2015 cohort consisted of 598 first-time, full-time, degree/certificate-seeking students. After three years, 22% of these students had graduated from our institution or completed their programs and 16% had transferred to other higher education institutions. Below are the Student Right-to-Know four-year average percentages for completion/graduation and transfer out rates for Bevill State Community College.

COLLEGEWIDE:

GRADUATION - 21%

TRANSFER - 17%

History Of The College

Bevill State Community College is a part of the State of Alabama's system of community, junior, and technical colleges authorized by the Alabama Legislature under Act No. 93, approved May 3, 1963. Alabama Code -Section 16-60-111 (G) vested the authority and responsibility for the operation and maintenance of Alabama's two-year colleges with the Board of Trustees beginning summer 2016.

Bevill State Community College was created in 1992 by the consolidation of two premier two-year colleges which were a part of the original legislation: Walker State Technical College (Sumiton), formerly a vocational/technical institution which opened in 1966, and Brewer State Junior College (Fayette), a two-year academic transfer institution, created in 1969. The Hamilton Campus of Northwest Alabama Community College, primarily a vocational/technical campus which was created in 1966, merged with Bevill State in 1993 as one of its main campuses. Walker College (Jasper), established in 1938 as a two-year academic transfer college, completed the Bevill State four-campus college in 1998. In 2007, the College built the Pickens County Educational Center in Carrollton.

Bevill State offers academic transfer courses, career technical education, health sciences programs, adult education classes, and workforce solutions at its four main campuses and one instructional site. Bevill State's service area spans over 4600 square miles in a seven-county area, reaching more than 200,000 people from the Birmingham city limits to the Mississippi state line.

Institutional Mission Statement

Bevill State Community College is an accredited, learning-centered institution dedicated to student success by providing quality educational and training opportunities that enrich lives intellectually, economically, and culturally.

Vision Statement

Bevill State Community College will set the standard of excellence for education, workforce training, partnerships, and economic development.

Values

- Acknowledging the dignity, self-worth, and uniqueness of each individual.
- Providing service for our students and the community.
- Fostering a culture of integrity.
- Demonstrating accountability in all actions, obligations, and duties.
- Developing leadership by example.

- Facilitating collaboration among all stakeholders.
- Promoting diversity.
- Instilling an ethic of professionalism.
- Striving for excellence in all endeavors.

5 Bold Goals

- Develop One-Stop Centers on all campuses
- Re-imagine developmental education
- Engage in strategic enrollment management
- Reinvent BSCC Workforce Solutions, community and economic development
- Rethink all financial strategies

General Education Core Competencies

Graduates of Bevill State Community College will demonstrate effective communication, critical thinking, and cultural awareness. Communicating effectively is the ability to engage in effective written and oral communication. Critical thinking is an intellectual process that involves discovering and analyzing information to overcome obstacles and find solutions. Cultural Awareness is an understanding of diverse human traditions.

Statement Of Catalog Responsibility

Generally, the student is bound to the program requirements in effect at the time of the student's initial registration at the College. However, if the student is not enrolled for a semester or more (excluding summer term), the catalog which is current when the student returns to the College will become the catalog in effect. When a student changes his/her program, the catalog at the time of the change becomes the catalog in effect. As courses and program requirements are revised to the extent that it becomes impossible for the student to meet the requirements of the original catalog in effect, it may become necessary for the student to conform to the requirements published in the most recent edition of the catalog.

This Catalog is the official announcement of the program requirements and regulations of Bevill State Community College. Students enrolling in the College are subject to the provisions stated herein. Statements regarding programs, courses, fees, and conditions are subject to change without advance notice.

Disability Services/ADA Accommodations

The College seeks to comply fully with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. It is the policy of the College that a good faith effort shall be made to meet the accommodation requests of persons with disabilities. Persons requesting accommodation may contact the campus Disability Services Coordinator. The 504/ADA accommodations request process for persons with disabilities is as follows:

1. Disclosure of a disability is voluntary.
2. All students who take the College placement exam are invited to request information for students with disabilities on their test answer sheets. Students who request information are given the name of the campus coordinator and an ADA Fact Sheet/ Accommodations Request Form and are invited to contact the Disability Services Coordinator for additional information.
3. All new students who attend the required Orientation course are given a copy of the ADA Fact Sheet/Accommodations Request Form and the name of the campus Coordinator and are informed of the accommodations request process.
4. The accommodations request process begins when a student contacts the campus Disability Services Coordinator: **Fayette Campus** -Andria Stevens, Ext. 5137; **Hamilton Campus** - Gail Wooldridge, Ext. 5372; **Jasper Campus** - Hannah Tingle, Ext. 5901; **Sumiton Campus** - Michael Gordon, Ext. 5409 and **College Coordinator** - Jill Preuninger, Ext. 5385.
5. The student and the Coordinator work together to determine the student's campus-related accommodation needs. A good faith effort is made to provide appropriate accommodations and to fully comply with Section 504 and ADA guidelines.
6. An Accommodations Request Form must be completed, identifying accommodations requested and other pertinent information. Forms are available from the Disability Services Coordinator, the placement test center, the Office of Student Services, in the Orientation Workbook and at www.bscc.edu.
7. Accommodations will not be considered until the student has submitted the ADA Fact Sheet/Accommodations Request Form and any required documentation to the Coordinator. If accommodations are granted they begin on or after the date of approval. Under no circumstances will accommodations be granted retroactively.
8. If official documentation is required, information release forms are available from the coordinator to assist the student in obtaining official documentation of disability from physicians or other agencies.
9. Once a student meets with the Disability Services Coordinator to request classroom accommodations and provides any needed documentation of disability, the Coordinator will send a Documentation of Disability Form to each of the student's instructors to inform them of the accommodations that must be met in their classroom.
10. The student must meet with the Coordinator at the beginning of each academic term for which classroom accommodations are requested so that the instructors for each term can be notified of the accommodations.
11. The student will then meet with each instructor to discuss the implementation of each authorized accommodation. Instructors will not initiate accommodations without the student's consent.
12. Non-classroom accommodation requests are forwarded by the Coordinator to the appropriate College official for implementation.
13. Completed Accommodations Request Forms and any documentation of disability are confidential and are stored in a locked file separate from the student's permanent student record.

Nondiscrimination Policy Compliance Assurance

It is the policy of the Alabama Community College System, its Board of Trustees, and Bevill State Community College, a postsecondary institution under its control, that no person shall be discriminated against on the basis of any impermissible criterion or characteristic, including, but not limited to, race, color, disability, sex, religion, creed, national origin, or age, or any other protected class as defined by state and federal law.

No employee or applicant for employment or promotion, including applicants for presidential, full-time faculty, and other administrative and supervisory positions, shall be discriminated against on the basis of any impermissible criterion or characteristic including, without limitation, race, sex, age or any other protected class.

This policy is enforced by Federal law under Title IX of the Education Amendment of 1972, Title VI and Title VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990. Inquiries regarding compliance with these statutes may be directed to the Title IX Senior Coordinator, at 1411 Indiana Avenue, Jasper, Alabama, 35501.

Bevill State Community College complies with federal regulations that guarantee the right of privacy and access to student records/information as established by the Family Educational Rights and Privacy Act (FERPA) of 1974 and its amendment.

Conscious effort is made to assure that all College regulations are within the scope of the lawful mission of public higher education. It is recognized that it is not a lawful mission of the College to prohibit the exercise of a right guaranteed by the Constitution or a law of the United States. However, the Administration will take direct and appropriate action in any case involving the integrity of the College and the well-being of the students.

Harassment/Sexual Harassment

I. Introduction

The Alabama Community College System is committed to providing both employment and educational environments free of harassment or discrimination related to an individual's race, color, gender, religion, national origin, age, disability, or any other protected class. Such harassment is a violation of Alabama Community College System policy. Any practice or behavior that constitutes harassment or discrimination shall not be tolerated on any campus or site, or in any division, or department by any employee, student, agent, or non-employee on any institution's property and while engaged in any institutionally sponsored activities.

It is within this commitment of providing a harassment-free environment and in keeping with the efforts to establish an employment and educational environment in which the dignity and worth of members of the community are respected, that harassment of students and employees is unacceptable conduct and shall not be tolerated at Bevill State Community College.

A nondiscriminatory environment is essential to the mission of Bevill State. An abusive environment inhibits, if not prevents, the harassed individual from performing responsibilities as student or employee and creates a hostile work/learning environment. It is essential that institutions maintain an environment that affords equal protection against discrimination, including sexual harassment. Bevill State Community College shall take all the necessary steps to ensure that harassment, in any form, does not occur. Employees and students who are found in violation of this policy shall be disciplined as deemed appropriate by the investigating authority as to the severity of the offense with final approval from the President.

Employees and students of Bevill State shall strive to promote an environment that fosters personal integrity where the worth and dignity of each human being is realized, where democratic principles are promoted, and where efforts are made to assist colleagues and students to realize their full potential as worthy and effective members of society. Administrators, professional staff, faculty, and support staff shall adhere to the highest ethical standards to ensure professionally functioning institutions and to guarantee equal educational opportunities for all students.

Grievances against students will be handled according to usual and customary student discipline procedures as outlined in the handbook; with the exception of students charged with violating the SEXUAL ASSAULT AND VIOLENCE POLICY. A student charged with this conduct violation will be immediately referred to the Grievance Procedures and Resolution of Harassment, Discrimination and Sexual Violence Complaints section of the college catalog. Sanctions for this violation may range from probation to expulsion, depending on the severity of the incident.

II. Definitions of Harassment

For these purposes, the term "harassment" includes, but is not necessarily limited to: Slurs, jokes, or other verbal, graphic, or physical conduct relating to an individual's race, color, gender, religion, national origin, age, disability, or any other protected class.

Any contact solicited during non-traditional business hours may be perceived as harassment by recipient unless it is specifically associated with work related duties.

Harassment of employees or students by non-employees is also a violation of this policy. Any employee or student who becomes aware of any such harassment shall report the incident(s) to the appropriate institution official. Failure to act, which includes initial investigation, shall be deemed in direct violation of this policy.

Harassment also includes unwelcome sexual advances, requests for sexual favors, and other verbal, graphic, or physical contact if perceived as such by the recipient.

Sexual harassment, including sexual violence, is a form of sex discrimination which is illegal under Title VII of the Civil Rights Act of 1964 for employees and under Title IX of the Education Amendments of 1972 for students. Sexual harassment does not refer to occasional compliments; it refers to behavior of a sexual nature which interferes with the work or education of its victims and their co-workers or fellow students. Sexual harassment may involve the behavior of a person of either sex against a person of the opposite sex or the same sex, and occurs when such behavior constitutes unwelcome sexual advances, unwelcome requests for sexual favors, or other unwelcome verbal or physical conduct of a sexual nature, when perceived by the recipient that:

- Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or educational opportunities;
- Submission to or rejection of such conduct is used as the basis for employment or academic decisions affecting that individual;
- Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance, or creates an intimidating, hostile, or offensive work or educational environment;
- Any incident of harassment shall be reported to the grievance officer as promptly as possible after the harassment occurs.

Sexual harassment can be verbal, visual, or physical. It can be overt, as in the suggestions that a person could get a higher grade or a raise by submission to sexual advances. The suggestion or advance need not be direct or explicit; it can be implied from the conduct, circumstances, and relationship of the individuals involved. Sexual harassment can also consist of persistent, unwanted attempts to change a professional or educational relationship to a personal one. Sexual harassment is distinguished from consenting or welcome sexual relationships by the introduction of the elements of coercion; threat; unwelcome sexual advances; unwelcome requests for sexual favors; other unwelcome sexually explicit or suggestively written, verbal, or visual material; or unwelcome physical conduct of a sexual nature.

Examples of verbal or physical conduct prohibited within the definition of sexual harassment include, but are not limited to:

- Physical/sexual assault;
- Rape;
- Sexual battery;
- Sexual coercion;
- Direct or implied threats that submission to or rejection of requests for sexual favors will affect a term, condition, or privilege of employment or a student's academic status;
- Direct propositions of a sexual activity;
- Subtle pressure for sexual activity;
- Repeated conduct intended to cause discomfort or humiliation, or both, that includes one or more of the following: (i) comments of a sexual nature or (ii) sexually explicit statements, questions, jokes, or anecdotes;
- Repeated conduct that would cause discomfort and/or humiliate a reasonable person at whom the conduct was directed, including one or more of the following: (i) touching, patting, pinching, hugging, or brushing against another's body; (ii) commentary of a sexual nature about an individual's body or clothing; or (iii) remarks about sexual activity or speculations about previous sexual experience(s);
- Intimidating or demeaning comments to persons of a particular sex, whether sexual or not;
- Displaying objects or pictures which are sexual in nature and that would create a hostile or offensive employment or educational environment and serve no educational purpose related to the subject matter being addressed.

Sexual violence refers to physical acts perpetrated against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol. An individual also may be unable to give consent due to an intellectual or other disability.

Further stated sexual violence includes the following definitions as put forth by the Violence Against Women Reauthorization Act (VAWA effective March 7, 2014)

Domestic Violence: Includes felony or misdemeanor crimes of violence committed by a current or former spouse of the victim:

- By a person with whom the victim shares a child in common, by a person who is cohabitating with or has cohabitated with;
- The victim as a spouse, by a person similarly situated to a spouse of the victim under the domestic or family violence laws of the jurisdiction; or
- By any other person against an adult or youth victim who is protected from that person's acts under the domestic or family violence laws of the jurisdiction.

Dating Violence: Violence committed by a person:

A. Who is or has been in a social relationship of a romantic or intimate nature with the victim; and

B. Where the existence of such a relationship shall be determined based on a consideration of the following factors:

- The length of the relationship.
- The type of relationship.
- The frequency of interaction between the persons involved in the relationship.

Stalking: Engaging in a course of conduct directed at a specific person that would cause a reasonable person to:

A. Fear for his or her safety or the safety of others; or

B. Suffer substantial emotional distress.

III. Sexual Assault and Violence Policy

Bevill State Community College does not tolerate sexual misconduct such as sexual harassment, sexual assault, stalking, and intimate partner violence. Sexual violence refers to physical acts perpetrated against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol. An individual also may be unable to give consent due to an intellectual or other disability.

The following behaviors are prohibited and are considered acts of sexual misconduct as put forth by the Violence Against Women Reauthorization Act (VAWA effective March 7, 2014). All forms of sexual misconduct are serious offenses and will be subject to appropriate College disciplinary procedures. Sexual misconduct involving force, duress, or inducement of incapacitation, or where the perpetrator has deliberately taken advantage of another person's state of incapacitation, will be deemed especially obvious and may result in academic expulsion, or termination of employment. The consumption of alcohol or the use of illegal substances does not constitute a mitigating circumstance when it contributes to a violation.

Non-Consensual Sex (Rape) or Sexual Activity:

- Consent is a voluntary agreement to engage in sexual activity;
- Someone who is incapacitated cannot consent;
- Past consent does not imply future consent; silence or an absence of resistance does not imply consent;
- Consent to engage in sexual activity with one person does not imply consent to engage in sexual activity with another;
- Consent can be withdrawn at any time; and
- Coercion, force, or threat of either invalidates consent.

Domestic Violence Includes:

- Felony or misdemeanor crimes of violence committed by a current or former spouse of the victim;
- Committed by a person with whom the victim shares a child in common;
- Committed by a person who is cohabitating with or has cohabitated with, the victim as a spouse;
- Committed by a person similarly situated to a spouse of the victim under the domestic or family violence laws of the jurisdiction; or

- Committed by any other person against an adult or youth victim who is protected from that person's acts under the domestic or family violence laws of the jurisdiction.

Retaliation:
Any attempt to seek retribution against, or cause harm or undue discomfort to an individual or group of individuals involved in filing a complaint or report under this policy, filing an external complaint, participating in a disciplinary process, or opposing in a reasonable manner an action believed to constitute a violation. Retaliation can take many forms, including abuse or violence, threats, and intimidation. Actions in response to a good faith report or response under this policy are considered retaliatory if they have a materially adverse effect on the working, academic or College controlled living environment of an individual; or if they hinder or prevent the individual from effectively carrying out their College responsibilities. Any individual or group of individuals can engage in retaliation and will be held accountable.

Violence Against Women's Act (VAWA) did not affect, in any way, Title IX of the Education Amendments of 1972. Title IX prohibits discrimination on the basis of sex or gender at Bevill State Community College. The College will respond to complaints or reports about conduct prohibited under this policy with measures designed to stop the behavior, eliminate any such gender discrimination, prevent the recurrence of the prohibited conduct, and remediate any adverse effects of such conduct on campus or in college related programs or activities.

The College has an obligation to make reasonable efforts to investigate and address complaints or reports of sexual misconduct, whenever it becomes aware of such complaint or report. Once made aware, the College must conduct an investigation regardless of how the information was brought to the College's attention or the extent to which the complainant wishes to participate or be involved. All individuals have access to resources that they may use for support and guidance without initiating college action. Retaliation against anyone involved in the internal disciplinary process, or opposing in a reasonable manner an act believed to constitute a violation of this policy, is prohibited and will not be tolerated. In light of these commitments, the College will follow the Grievance Procedures and Resolution of Harassment, Discrimination and Sexual Violence Complaints, which includes investigation and disciplinary procedures that will be followed in response to allegations of sex or gender discrimination, including sexual misconduct such as sexual harassment and sexual assault, intimate partner violence, stalking, and related retaliation.

Policy Terminology
Victim: A person who has been the subject of prohibited conduct, regardless of whether that individual makes a complaint or seeks disciplinary action.

Complainant: An individual who has made a complaint of a violation or on whose behalf a complaint was made or a disciplinary action was initiated.

Alleged Offender: The alleged offender refers to the individual who has been accused of prohibited conduct.

Third Party: The term third party refers to any individual who is not a college student, a faculty member or a staff member (e.g., vendor, alumni, or local residents). Being a third party does not preclude a person from coverage by this policy. A third party who is a victim shall have the right to report and have investigated any complaint made. A third party who is an alleged offender found to have violated the policy may be permanently barred from the College campuses and/or activities of the College.

Sexual Assault Victim Bill of Rights
1. The Right to Human Dignity

Victims shall:

- Be treated with fairness and respect for their dignity;
- Have their privacy honored;
- Have their allegations of sexual assault or misconduct treated seriously;
- Be free from any suggestion that they are responsible for the assault or other misconduct committed against them;
- Be free from any threats of retaliation or other attempt to prevent the reporting of sexual misconduct;
- Be free from unwanted pressure from college personnel to report sexual assaults or other misconduct if they do not wish to do so. Report sexual assaults as less serious offenses. Refrain from reporting sexual assaults or other sexual miscount for any reason, including the fear of unwanted personal publicity.

2. The Right to Resources On and Off Campus

Victims of whom the College has become aware shall:

- Receive notice describing options to pursue a criminal complaint with the appropriate law enforcement agency, to pursue the College's disciplinary process, or to pursue both processes simultaneously;
- Be notified of existing campus and community – based medical, counseling, mental health services for victims of sexual assault whether or not the assault is formally reported to the college, campus or civil authorities;
- Have the right to know there will not be a charge for filing criminal or college disciplinary complaints;
- Be informed of and assisted in exercising any rights to confidential or anonymous testing for sexually transmitted infections, HIV, and pregnancy, and any rights that may be provided by law to obtain the communicable diseases test results of sexual assaults suspects.

3. The Right to Campus Judicial Proceedings

Victims have the right to:

- Written and advance notice about a disciplinary hearing involving the person or persons accused of sexually assaulting them or engaging in other misconduct toward them is covered by this policy;
- Have the opportunity to present witnesses and other evidence, to receive notice of the process, information about procedures, and written notice of the outcome in a manner that is equivalent to the process of the accused;
- Have a person of their choice accompany them throughout the disciplinary hearing;
- Remain present during the entire proceeding, whenever possible. Alternative arrangements may be made for those who do not want to be present in the same room as the accused during the disciplinary hearing;
- Be heard at the proceeding;
- Be assured that their irrelevant past sexual history will not be discussed during the hearing;

4. The Right to Law Enforcement and Campus Intervention

Reports of sexual assault will be subject to being investigated and evaluated by the appropriate criminal and civil authorities of the jurisdiction in which the sexual assault is reported. Victims shall receive full and prompt cooperation and assistance of campus personnel in notifying the proper authorities.

Victims shall receive full, prompt and victim sensitive cooperation of campus personnel in obtaining, securing and maintaining evidence, including a medical examination when it is necessary to preserve evidence of a reported sexual assault. A "no contact order" shall be issued promptly and in writing to all parties of a reported sexual assault after the College receives notice of a complaint.

Campus personnel shall take reasonable and necessary actions to prevent further unwanted contact by any victim's alleged assailant.

Victims shall be notified of the options for and provided assistance in changing academic situation if such changes are reasonably available.

Other Policy Statements

Confidentiality
Above all, confidentiality of victims must be protected. Identifying information of a victim will be protected as much as possible. This means that a victim's name will not be published or otherwise publicized without her/his permission. When a person makes an official complaint to authorities, all possible protections will be afforded this individual, whether or not she/he participates in any investigation. When the College needs to act to protect the safety of others, absolute confidentiality may not be possible. For absolute confidentiality, contact the National Sexual Assault Hotline at 1800656-HOPE or chat online at http://hotline.rainn.org.

Reporting Options
Emergency Situations Contact

Bevill State has APOST certified police officers at all campuses. Certified police officers carry weapons and have arrest authority on and off campus by authority of the Code of Alabama as amended 16-22-1, 16-22-2. These certified police officers are vested with all powers, authority, and responsibilities of any state law enforcement officer.

In emergency situations, if there is a suspected crime in progress, or imminent or serious threats to the safety of anyone, students, faculty, and staff members must immediately call 9-1-1 then contact the College Police Department:

Dispatcher:	205-387-0549 or 387-0511, ext. 5866
Fayette:	205-438-1733
Hamilton:	205-442-1567
Jasper:	205-438-1734
Sumiton:	205-282-1346
Pickens Co.:	205-259-0673

After office hours call 911.

Non-Emergency Situation Contact
In non-emergency situation, students, faculty and staff must promptly report suspected violations to the appropriate officials as follows: Director of Facilities & Security Randy Stults, 205-387-0511 Ext. 5844; Fayette Campus Director of Student Services Sherry Terry, 205-932-3221 Ext. 5103; Hamilton Campus Director of Student Services Jill Preuninger, 205-921-3177 Ext. 5385; Jasper Campus Director of Student Services Beth Roberts, 205-387-0511 Ext. 5770; Sumiton Campus Director of Student Services Jana Kennedy, 205-648-3271 Ext. 5201; Pickens County Educational Center Director Steven Koon, 800-648-3271 Ext. 5632; Director of Human Resources: Mary Kinard, 205-387-0511 Ext. 5784.

Timely Warnings
Any timely warning that is broadcast through Bear Alert, websites or emails for the safety of our community will not identify a victim by name.

Support Resources
A complainant or witness has many options, including external counseling, filing an internal complaint, and/or filing a criminal complaint. The College recognizes that deciding among these options can be difficult. Complainants and witnesses are encouraged to seek assistance before deciding how to proceed.

No Contact or Protective Orders
The College will honor any protective order that an individual may have acquired through the local courts. A copy of any such court order should be given to the College Police for their information and enforcement. In addition, an administrative “no contact order” may be created by the Title IX Coordinator once the incident is reported to that office.

Preserving Physical Evidence
It is extremely important to preserve all evidence of an assault. Individuals should go to a local hospital as a result of a rape to have a medical examination performed which will collect evidence. As required by VAWA, the College will rely upon the preponderance of evidence in sexual violence cases.

Fair and Impartial Investigation and Resolution
The College investigation will offer a fair and just procedure as the Title IX Coordinator follows the process outlined in this policy. All members of the College community are expected to cooperate fully with the investigation and disciplinary procedures, including the preservation of all material evidence by the alleged victim. The College recognizes that an individual may be reluctant to participate in the process; nevertheless, any student or member of the faculty or staff who refuses to cooperate in an investigation may be subject to discipline. Refusal to cooperate includes delaying or failing to acknowledge requests from College officials for information, and delaying or failing to make oneself available for meetings with College officials.

It is understood that there may be circumstances in which a complainant wishes to limit their participation. The complainant retains this right and will not be subject to discipline, although the College may be obligated to conduct an investigation regardless of the complainant’s wishes.

If an alleged offender chooses not to answer any or all questions in an investigation for any reason, the College process will continue, findings will be reached in accordance with the preponderance of evidence standard with respect to all available credible evidence in support of or contrary to the alleged conduct, and the College will take such action or actions as are appropriate to findings supported by the evidence. The College will not, however, draw any adverse inference from an alleged offender’s silence.

Community Resources
Since Bevill State does not offer mental health counseling to students or employees, it is important to be aware of community resources that are both free and confidential. The Northwest Mental Health Center may be contacted 24-hours a day, 1-800-489-3971.

IV. Definitions of Personal Conduct
The employees of Bevill State Community College determine the ethical and moral tone for the institution through both their personal conduct and their job performance. Therefore, each employee must be dedicated to the ideals of honor and integrity in all public and personal relationships. Relationships between institution personnel of different ranks, including that of instructors and students, which involve partiality, preferential treatment, or the improper use of position shall be avoided. Further, such relationships may have the effect of undermining the atmosphere of trust on which the educational process depends. Implicit in the idea of professionalism is the recognition by those in positions of authority that in their relationships with students or employees there is always an element of power. It is incumbent on those with authority not to abuse the power with which they are entrusted.

All personnel shall be aware that any romantic relationship (consensual or otherwise) or any otherwise inappropriate involvement with another employee or student makes them liable for formal action against them if a complaint is initiated by the aggrieved party in the relationship. Even when both parties have consented to the development of such a relationship, it is the supervisor in a supervisor-employee relationship, the faculty member in a faculty-student relationship, or the employee in an employee-student relationship who shall be held accountable for unprofessional behavior.

This policy encourages faculty, students, and employees who believe that they have been the victims of harassment or reprisals to contact the Title IX Coordinator.

This policy shall be distributed, communicated and implemented in a manner which provides all interested parties the opportunity to be informed of this policy. A system wide educational program shall be utilized to assist all members of the college community to understand, prevent and combat harassment.

A harassment educational program may consist of seminars, workshops, videos, and/or printed materials. Through dissemination of this policy and by providing a training program, this policy seeks to achieve the following goals: (1) ensure that all administrators, faculty, students, and employees are made aware of their rights concerning sexual harassment; (2) notify individuals of conduct that is prohibited; (3) inform administrators and supervisors about the proper procedures in addressing complaints. This program must be administered annually. The Chancellor will issue guidelines to ensure the adherence to, implementation of, and enforcement of this policy.

Grievance Procedures & Resolution of Harassment, Discrimination, and Sexual Violence Complaints Against Employees

This grievance procedure is established to provide recourse for any student, prospective student, employee or member of the community who feels that his/her civil rights have been violated as set out in the following legislation:

1) Title VI and Title VII of the Civil Rights Act of 1964 (as amended by the Equal Employment Opportunity Act)

2) Title IX of the Educational Amendments of 1972

3) Section 504 of the Rehabilitation Act of 1973

4) The Americans with Disabilities Act of 1990

5) Violence Against Women Act 2014

The purpose of this procedure is to secure at the lowest possible level, equitable solutions to problems that may arise affecting students or employees in their dealings with Bevill State Community College. These proceedings will be kept as informal and confidential as may be appropriate at any level of the procedure. For the purpose of this procedure, a grievance is a claim by a student, prospective student, employee or community member who cites a failure of the institution to comply with civil rights legislation.

Informal Grievance Process - Procedures

1. Any member of the College community who believes that he or she has been the victim of sexual harassment or illegal discrimination should immediately bring the matter to the attention of the Title IX Coordinator, or to any academic or administrative officer, dean, director, supervisor, or advisor, who will then forward the complaint to the Title IX Coordinator or the person designated by the President to coordinate the investigation of such complaints. The Title IX Coordinator will determine the Dean or Administrative representative to participate in the investigatory process. Upon receipt of the complaint, the Title IX Coordinator shall meet and interview the complainant. During this initial meeting, in addition to gathering the additional information needed to initiate an investigation into the complaint, the Title IX Coordinator shall explain the procedure and shall present a copy of this Harassment and Discrimination Policy. The President shall be promptly notified of the complaint.
2. The complainant should present the complaint as promptly as possible after the alleged sexual harassment or discrimination occurs, preferably within thirty (30) calendar days of the incident. The complainant should submit a written statement of the allegations.
3. It is the intention of this policy to resolve complaints of sexual harassment and illegal discrimination as promptly as possible after the complaint and/or report is made. All complaints and/or reports will be investigated and resolved within forty-five (45) calendar days of receipt, except in extraordinary cases that require more time for completion of the investigation. Both the complainant and alleged offender shall be given periodic updates as to the status of the investigation.
4. The investigation record shall consist of formal and/or informal statements from the alleged victim, the alleged offender, witnesses identified by the victim or offender, and others deemed by the investigator to have pertinent knowledge of the facts involved in the complaint. All witnesses who provide relevant information should submit a written, signed statement attesting to their knowledge of the incident. The investigation will afford the accused a full opportunity to respond to the allegations.
5. Complaints may be resolved through informal or formal procedures. Informal means are encouraged at the beginning point, but the choice of where to begin rests with the complainant. If the Title IX Coordinator, or the person designated by the President to handle the complaint, believes that the matter is sufficiently grave because of the nature of the alleged offense, or because the complainant seeks to have a sanction imposed, then formal procedures shall be initiated.
6. The complainant may, if he or she chooses, attempt to resolve the matter directly with the alleged offender and report to the Title IX Coordinator. However, if the

complainant does not feel safe in confronting the alleged offender concerning the behavior or if the behavior does not stop, he/she shall immediately report such behavior to the Title IX Coordinator.

7. The Title IX Coordinator may notify the alleged offender of the complaint and take whatever steps deemed appropriate to affect an informal resolution that is acceptable to both parties. The informal action stage will last no more than fifteen (15) calendar days, unless extended by the consent and agreement of the complainant.
8. If the complaint is resolved informally, no record of the complaint will be entered in the alleged offender's personnel file or student record. However, the Title IX Coordinator will keep a record of the complaint and the resolution. A copy of the record will be forwarded to the President. All such records will remain confidential.
9. If the results of the investigation and informal resolution of the complaint are accepted by the alleged victim and he or she desires no further action against the alleged offender, then the complainant will sign a statement requesting that no further action be taken. The alleged offender will receive a statement explaining the resolution of the investigation as conducted under this policy and procedure and will sign a statement documenting his or her receipt of the resolution.
10. Some reports of sexual harassment and discrimination may not be appropriate for informal resolution and may require a formal investigation at the discretion of the Title IX Coordinator, or the person designated by the President to coordinate the investigation of the complaint. Substantial weight will be given to the wishes of the complainant when determining whether to investigate a complaint; however, BSCC may investigate a complaint without the complainant's and/or alleged offenders consent when circumstances so warrant.

Formal Grievance Process - Procedures

1. If the complaint cannot be resolved on an informal basis within fifteen (15) calendar days or such extended time as agreed to by the complainant, the complainant may file or pursue a formal complaint. Each complainant has the right to proceed with or withdraw from the formal complaint procedure once it has been submitted. The issues involved in the complaint should not be changed once the charge has been made. However, administrative procedures may be revised to accommodate issues arising during the investigation which were not known to the complainant or the institution when the initial complaint was filed.
2. If the formal complaint is against an employee of the College, it shall remain with the Title IX Coordinator for investigation and disposition pursuant to applicable law and grievance/discipline procedures. The Title IX Coordinator will determine the Dean or Administrative representative to participate in the investigatory process.
3. In the event of complaints against employees and/or students, the Title IX Coordinator will notify the alleged offender in writing of the complainant's decision to take formal action. Formal action will consist of the Title IX procedures as set forth:

A. The original and two copies of Grievance Form A must be filed with the Title IX Coordinator within thirty (30) calendar days following the date of the alleged violation(s). The alleged violation(s) must be clearly and specifically stated. Complainant is advised to keep a copy of all forms.

B. The Title IX Coordinator will conduct whatever inquiry he/she deems necessary and will arrange conferences with the complainant, the alleged offender, and any other appropriate persons. The investigation will afford the accused an opportunity to respond to the allegations and offer any witnesses or evidence which are relevant to the resolution of the complaint. The Title IX Coordinator will make a record of the case, including a record of their decision, and a copy of that record will be retained as confidential files. Within forty-five (45) calendar days following the receipt of Grievance Form A, the Title IX Coordinator shall notify the complainant and the alleged offender of the outcome of the investigation; however, that information should be treated by both parties as confidential and private. Said notification shall be mailed to his/her home address by certified mail, return receipt requested.

C. Within fifteen (15) calendar days following receipt of the findings, a complainant or accused not satisfied with the resolution achieved by the formal procedures may seek an appeal by the completion and submission of Form B with the Title IX Coordinator and the President. If a notice of appeal is filed, appeal Form B must be used. Complainant or accused must state clearly and specifically on Form B the objections to the findings and/or decision. Copies of Form B must be provided to the Title IX Coordinator and the President or President's designee. If complainant or accused fails to file notice of appeal by the end of the 15th calendar day following receipt of the findings, the right to further appeal will be forfeited.

D. The President will have thirty (30) calendar days following date of receipt of notice of appeal to investigate and study allegations and the written report of findings. At the completion of the President's review, the complainant and alleged offender shall be provided with a written report and disposition. Said notice shall be mailed to his/her home address by certified mail, return receipt requested. In addition, a copy of the written report and disposition shall be provided to the Title IX Coordinator. The decision of the President is final.

Remedial Action

Based on the findings and the decision of the President of Bevill State and the Chancellor of the Alabama Community College System, disciplinary action will be imposed as appropriate, depending on the severity of the findings.

Retaliatory Harassment

After the conclusion of the grievance process (formal or informal) should the complainant believe that he or she has become the victim of retaliatory harassment, the Title IX Senior Compliance Coordinator should be immediately notified.

NOTE: It is the intent of the Policy to provide for a prompt and thorough investigation of any complaints. The time limits set forth within these guidelines are subject to change as needed to ensure satisfactory conclusion of the investigation.

NOTE: Grievances against students will be handled according to usual and customary student discipline procedures as outlined in the handbook; with the exception of students charged with violating the SEXUAL ASSAULT AND VIOLENCE POLICY. A student charged with this conduct violation will be immediately referred to the Grievance Procedures and Resolution of Harassment, Discrimination and Sexual Violence Complaints found in Section III of this catalog. Sanctions for this violation may range from probation to expulsion, depending on the severity of the incident.

Accreditation

Bevill State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Bevill State Community College.

ADDITIONAL ACCREDITATIONS AND CERTIFICATIONS

The Associate Degree Nursing Program is approved by the Alabama Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN), 3433 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326 or **www.acenursing.org**; telephone number (404) 975-5000. The program received continuing accreditation in July 2017.

The Practical Nursing Program is approved by the Alabama Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN), 3433 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326 or www.acenursing.org; telephone number (404) 975-5000. The program received continuing accreditation in July 2017.

The Surgical Technology Program is accredited by the Commission on Accreditation of Allied Health Education Programs (**www.caahep.org**) upon the recommendation of the Committee on Accreditation of Educational Programs for the Surgical Technology Profession. The program received continuing accreditation in September 2018 and the next accreditation reaffirmation will be in 2023.

The Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (**www.caahep.org**) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Profession (CoAEMSP). The program received continuing accreditation in September 2018 and the next accreditation reaffirmation will be in 2023.

The Automotive Technology Program on the Hamilton Campus and the Auto Body & Diesel programs on the Sumiton Campus are accredited by the National Automotive Technicians Education Foundation (ASE), 101 Blue Seal Drive, Suite 101, Leesburg, Virginia 20175.

The Air Conditioning & Refrigeration Technology Program on the Sumiton Campus is accredited by the Partnership for Air Conditioning, Heating, Refrigeration Accreditation (PAHRA), 4100 North Fairfax Drive, Suite 200, Arlington, VA 22203. Accreditation/ certification was received in November 2007.

The Air Conditioning & Refrigeration Technology Program has been accepted by the Alabama Board of Heating, Air Conditioning and Refrigeration as an approved training program for the Alabama contractor's license exam.

The Machine Tool Technology Program is accredited by the National Institute of Metalworking Skills (NIMS), 10565 Fairfax Boulevard, Suite 10, Fairfax, VA 22030. The program received initial accreditation in 2017.

Copyright Infringement

Bevill State Community College has designated a copyright agent to receive notification of claimed copyright infringement on the College's website as required by the Digital Millennium Copyright Act. If a person believes his or her work is being infringed on Bevill State's website, he or she should notify Tyrone Webb, Assistant Dean for Library/Learning Resources, Bevill State Community College, P.O. Box 800, Sumiton, AL 35148; email: tyrone.webb@bscc.edu; telephone number: (205) 648-3271.

According to the Digital Millennium Copyright Act, the notification of claimed infringement must include 1) identification of the copyrighted work claimed to have been infringed (include ISBN, title, etc.); 2) identification and URL of the material that is claimed to be infringing; 3) information sufficient to contact the complaining party, such as an address, telephone number, fax number, and electronic mail address; and 4) other information relating to the claim. Any copyright concerns or questions about the Bevill State website should be directed to Tyrone Webb at tyrone.webb@bscc.edu.

Admissions Information

Admissions Information

For admission to any Alabama Community College System institution, applicants must provide one primary form of identification documentation listed below:

- Unexpired Alabama Driver's License or instruction permit
- Unexpired Alabama identification card
- Unexpired U.S. Passport
- Unexpired U.S. Permanent Resident Card
- Resident Alien Card -Pre-1997
- Unexpired Driver's License or instruction permit from another state or U.S. Territory that verifies lawful presence, dated 2000 and beyond
- U.S. Alien Registration Receipt Card (Form I-151) prior to 1978
- BIA or tribal identification card with photo
- I-797 Form with expiration date
- Voter identification card from a state that verifies lawful presence

If appropriate documentation is not provided during the application process, the application is considered incomplete with a pending admission status and applicant will not be allowed to register at Bevill State.

Documentation may be presented in person or a legible copy sent via US mail, fax or email to the Office of Student Services.

Students seeking admission to Bevill State should follow these steps:

- Complete a Bevill State application for admission and provide appropriate identification documentation. Students can apply online at www.bscc.edu.
- Request an official transcript from high school and any previously attended colleges. Students with an earned Baccalaureate Degree or higher may submit the transcript from the degree granting institution for admission purposes.
- Contact the Office of Student Services to schedule an appointment to complete the placement test, if needed.
- Male students between the ages of 18 and 26 must document that he has registered with the U.S. Selective Service System in accordance with section 36-26-15.1 of The Code of Alabama of 1974 (as amended). Male students may register with the U.S. Selective Service at www.sss.gov.

Applicants who have not provided all the necessary required documents by the required date will be placed on hold for future registration and official transcript release.

Admission to the College does not guarantee acceptance or admission to certain Health Science programs such as Nursing, Emergency Medical Services and Surgical Technology, which may have additional standards for admission. Students should refer to the program descriptions in this Catalog for additional information. Any and all elements of admission requirements are subject to change without prior notice.

Associate Degree Admission Requirements

An applicant who has not previously attended any duly accredited postsecondary institution or Council on Occupational Education institution will be designated a first-time college student or native student. A first-time college student must provide a valid high school transcript documenting graduation or an official transcript of GED scores issued by the appropriate state education agency.

Non-Degree (Certificate) Programs Admission Requirements

An applicant to a course not creditable toward an associate degree and programs comprised exclusively of courses not creditable to an associate degree may be admitted provided the applicant is 1) at least seventeen (17) years of age; 2) has not been enrolled in secondary education for at least one calendar year or provides written recommendation from the local superintendent of education; and 3) has achieved sufficient scores on an approved assessment.

Bevill State offers Truck Driver Training and Welding Technology programs under this provision. In addition, Truck Driver Training applicants must be at least twenty-one (21) years of age and hold a valid driver's license.

According to the Federal Motor Carrier Safety Regulations, Truck Driver Training applicants must have the ability to read and speak the English language efficiently, to converse with the general public, to understand highway traffic signs and signals in the English language, to respond to official inquiries, and to make entries on report and records. They must pass the DOT physical (administered at student's expense) and a drug screening. The College will acquire a Motor Vehicle Report on each Truck Driver Training student. The report, which lists all accidents and moving violations within the last five years, will be obtained from the Alabama Department of Public Safety. A copy will be given to the student and a copy will be kept on file, according to Department of Transportation regulations. Applicants for the Truck Driver Training program are required to submit their applications along with payment of tuition to secure placement in the next available class.

A student shall be classified as non-degree eligible and shall not be allowed to enroll in a course creditable toward an associate degree unless appropriate conditions are met. The College may establish higher or additional admission requirements for a specific program or service when student enrollment must be limited.

High School Dual Enrollment

All credit for coursework completed under these provisions is considered as "conditional credit" until the student provides proof of high school graduation or meets program admission requirements. Transcripts issued prior to a student's high school graduation will be labeled "CONDITIONAL CREDIT." Upon proof of high school graduation, this notation will be removed from the transcript.

Accelerated Credit High School Students may enroll in college classes concurrently with high school classes and receive college credit. Bevill State Community College admissions, course placement, and course sequencing are applicable in addition to eligibility requirements listed below.

- The student has successfully completed the 10th grade or have an exception granted by the participating postsecondary institution upon the recommendation of the student's principal and superintendent and in accordance with Alabama Administrative Code 290-8-9.17 regarding gifted and talented students;
- The student provides certification from the local principal and/or designee certifying that the student has a minimum cumulative 3.0 GPA average and recommending the student be admitted under this policy;
- The student may enroll only in postsecondary courses for which high school prerequisites have been completed (e.g., a student may not take English Composition until all required high school English courses have been completed).

Dual Credit High School Students may enroll in college classes concurrently with high school classes, either on the College campus or at the high school and receive both high school and college credit. There must be on file at Bevill State Community College a formal written agreement between the student's local school board and Bevill State Community College before approval for Dual Credit/Dual Enrollment admission is granted. To be eligible the student must meet the following requirements:

- The student must be in grade 10, 11, or 12 or have an exception granted by the participating postsecondary institution upon the recommendation of the student's principal and superintendent and in accordance with Alabama Administrative Code 290-8-9.17 regarding gifted and talented students.
- The student must have a 2.5 GPA average for Academic coursework or a 2.0 GPA for Career Technical coursework, as defined by local board of education policy, in completed high school courses.
- The student must have written approval of the appropriate principal, counselor, or career and technical education program representative (if applicable). Student access to Dual Credit/Dual Enrollment is dependent upon both academic readiness and social maturity. Approval from the appropriate counselor, principal and superintendent indicates that the student has demonstrated both.
- The student must meet admission requirements established by the College.
- Students who are enrolled in grades 10, 11, or 12 may be deemed eligible to participate in Dual Credit/Dual Enrollment in occupational/technical courses pending demonstrated ability-to-benefit as documented by successful completion of placement.
- Students who meet the criteria for initial admission for a Dual Enrollment for Dual Credit program will maintain continuous eligibility so long as they earn a grade of C or better in all attempted college courses.
- Students who fail to meet this minimum grade requirement or who withdraw from a course will be suspended from the program for a minimum of one term. The one-term suspension may not be served during the summer. The student may not re-enroll until the suspension has been served. For re-entry, the student must reapply to the program and must meet the minimum grade point average requirements for Dual Credit/Dual Enrollment.

Transfer Student Admission

An applicant who has previously attended any duly accredited postsecondary institution or duly accredited Council on Occupational Education institution will be considered a transfer student and will be required to furnish official transcripts of all work attempted at all institutions. The College may also require the transfer of student documents required of first-time college students. A transfer student who meets requirements for admission to a course creditable toward an associate degree shall be classified as a degree-eligible student. A transfer student who does not meet these requirements shall be classified as a non-degree eligible student.

A transfer student who has been academically suspended from another institution will not be considered for admission until the appeal of academic suspension is complete as outlined in the Academic Progress Standards found in Academic Information.

Unconditional Admission of Transfer Students

- A transfer student must have submitted to the College an application for admission and official transcripts from any duly accredited postsecondary institution or Council on Occupational Education institution attended, and, as designated by the College, any other documents required for first-time college students.
- An applicant who has completed a baccalaureate degree or higher will be required to submit only the transcript from the institution granting the baccalaureate degree. In order to receive college credit for courses taken at an institution not granting the baccalaureate degree, an official transcript from the college must be on file.

Conditional Admission of Transfer Students

- A transfer student who does not have on file official transcripts from all postsecondary institutions attended and any additional documents required by the College may be granted conditional admission. No transfer student shall be allowed to enroll for a second semester unless all required admissions records have been received by the College prior to registration for the second semester.
- If all required admission records have not been received by the College prior to issuance of first semester grades, the grades will be reported on the transcripts, but the transcript will read “CONTINUED ENROLLMENT DENIED PENDING RECEIPT OF ADMISSIONS RECORDS.” This notation will be removed from the transcript only upon receipt of all required admissions records. Students will not be allowed to register for a second term until all required admission records are on file.

Initial Academic Status of Transfer Students

- A transfer student whose cumulative grade point average at the transfer institution(s) is 2.0 or above on a 4.0 scale will be admitted on Clear academic status.
- A transfer student whose cumulative grade point average at the transfer institution(s) is less than 2.0 on a 4.0 scale will be admitted on Academic Probation. The transcript will read “ADMITTED ON ACADEMIC PROBATION.”
- An applicant who has been academically suspended from any duly accredited postsecondary institution or Council on Occupational Education institution may be admitted as a transfer student only after following the appeal process established at Bevill State Community College. If the transfer student is admitted upon appeal, the student will enter Bevill State Community College on Academic Probation. The transcript will read “ADMITTED UPON APPEAL-ACADEMIC PROBATION.”

General Principles for Transfer of Credit

- Coursework transferred or accepted for credit toward an undergraduate program must represent collegiate coursework relevant to the degree program, with course content and level of instruction resulting in student competencies equivalent to those of students enrolled in Bevill State’s undergraduate degree programs. In assessing and documenting equivalent learning and qualified faculty, the College may use recognized guides which aid in the evaluation for credit. Such guides include those published by the American Council on Education, and the American Association of Collegiate Registrars and Admissions Officers.
- A course completed at a duly accredited postsecondary institution with a passing grade will be accepted for transfer as potentially creditable toward graduation requirements.
- A transfer grade of “D” will only be accepted when the student’s cumulative GPA from transfer institutions is 2.0 or higher.
- Credit may be extended based on a comprehensive evaluation of demonstrated and documented competencies and previous training.

Transient Student Admission

A student enrolled at another institution may secure permission from that institution to enroll at Bevill State as a transient student by submitting an Application for Admission and certification from the primary institution which certifies that the student is in good standing and/or that the course(s) will be accepted as a part of the student’s academic program. Transient students are not required to submit official transcripts of their previously earned credits at other postsecondary institutions. Transient students must complete a Transcript Request Form at the end of the term before a transcript will be issued to the primary institution.

Senior Citizens Admission

Individuals age 60 or over may receive tuition scholarships. They must follow standard admissions procedures and meet all course prerequisites as stated in the Catalog. Waivers apply only to college-credit courses and do not include books, fees, supplies, tools or repeated courses. Registration will take place during regular registration periods, but, to assure available space, will not be finalized until the last day of late registration. In the event space is no longer available, senior citizens will be required to withdraw from the course.

Readmission Requirements

Prospective students who were previously enrolled are required to complete the following steps to reapply for admission to Bevill State:

- Complete an Application for Admission;
- Retake placement exam, if needed;
- Request transcripts from other previously attended colleges and universities to be sent to the Office of Student Services at Bevill State Community College, if such transcripts are not in the student’s academic record.

NOTE: A returning student who is on academic or disciplinary suspension from any college should refer to the appropriate section of the Catalog.

Placement Testing Policy

PLACEMENT TESTING POLICY

All entering students who enroll in associate degree or certificate programs will be assessed at the appropriate level as indicated by the assessment results.

The following students are exempt from the placement test:

- Any student with acceptable ACT scores, final high school GPA and/or course grades, within five years of enrollment. However, students who wish to improve their course placement may take the state placement test;
- Any student who has an associate degree or higher;
- Any student who transfers degree-creditable, college-level English or mathematics courses with a grade of “C” or better from an accredited institution;
- Any student who has successfully completed required developmental coursework at another Alabama Community College System college or an accredited college. Course descriptions from institutions outside of the Alabama Community College System must be reviewed;
- Any student who scores 165 or higher on the Mathematical Reasoning or Reasoning Through Language Arts subject tests of the 2014 series GED;
- Any transient student with documentation;
- Any student who is enrolling for personal enrichment purposes only.
- Any student who is enrolling in short term certificate programs having no English, Reading, or Math requirements.
- Any student who is enrolling in a certificate program that requires MAH101 and COM100.

Registration

Registration dates are listed in the calendar section of the College Catalog.

Registration procedures are as follows:

- During the registration period, Bevill State students must make an appointment with his/her academic advisor for the purpose of selecting coursework appropriate for his/her program of study.
- Remove all financial obligations (e.g., tuition, fees, library fees, and bookstore charges) from previous enrollment.

- Complete the registration process during the advising session with an advisor or by registering online at www.bscc.edu. Students must be authorized by their advisor to register online.
- Pay all tuition and fees. Students are not registered until tuition and fees are paid or financial assistance has been arranged. If all tuition and fees are not paid by the end of registration, students will be assessed a $25 late fee.
- Students who do not pay charges for all tuition and fees will be removed from course rosters.

NOTE: Students are required to have all necessary documentation in their academic record files prior to the beginning of their second term. Students who fail to provide the required documentation will not be allowed to register for a second term at Bevill State.

Course Overload

Special approval from the appropriate collegewide Dean or his/her designee is required for students who desire to register for more than 19 credit hours. Students may not register for more than 24 credit hours during any term. The student must have a cumulative 2.0 GPA to request over 19 hours.

Schedule Changes/Drop And Add

All schedule changes must be made during the official schedule change period. Students should contact their program advisor to initiate a schedule change. Students receiving financial aid should contact the Office of Student Services if there is a change in total number of credit hours.

Withdrawal from a Course

After the schedule change period, a student who drops a course may do so by completing a Change/Withdrawal Form in the Office of Student Services. Prior to midterm, a grade of "W" will be assigned. After midterm, a grade of "WP" (Withdrawn Passing) or "WF" (Withdrawn Failing) will be assigned, dependent upon whether the student is passing or failing at the time he or she drops.

NOTE: Students dropping a class after midterm must do so by the last regularly scheduled day of class.

Withdrawal from the College

Students withdrawing from the College may do so by completing a Change/Withdrawal Form and dropping all courses for which they are registered. This process must be completed in the Office of Student Services. A grade of "W" will be assigned for withdrawals prior to midterm. After midterm, a "WP" (Withdrawn Passing) will be assigned if a student is passing or a grade of "WF" (Withdrawn Failing) will be assigned if the student is failing at the time of withdrawal.

NOTE: Students dropping a class after midterm must do so by the last regularly scheduled day of class.

Administrative Withdrawals

The College may withdraw a student from course rosters for the following reasons:

- Student has not met prerequisite requirements for a course.
- Student has not attended course within the first two weeks.
- Student has not cleared all tuition and/or fees for courses.
- Student disciplinary action.

Non-Traditional College Credit

Bevill State recognizes some types of non-traditional experiences and credit by examination: Credit for Prior Experiential Learning, Advanced Placement (AP), College Level Examination Program (CLEP), Subject Proficiency Examinations, Articulated Programs, Credit for Specialized Military Service (SMT), and other special credit awards. The total number of credit hours awarded from all non-traditional sources may not exceed 40 percent of the total credit hours required by the program. Credit is awarded only in areas offered within the current curriculum of the institution and must be appropriately related to the student's educational programs. Non-traditional credits which are awarded by the institution do not count toward fulfilling the 25 percent residency requirement for graduation for degree programs.

Credit for Prior Experiential Learning
Bevill State recognizes that learning takes place in a variety of situations and circumstances. Many students have experiences/training which may lie outside the traditional academic environment provided. Credit will be awarded for prior experiential learning only for documented learning which demonstrates achievement of all outcomes for specific courses in an approved degree program. Credit will be awarded only to matriculated students and will be noted on the transcript. A fee of $25 per course evaluation is charged to complete course review. Experiential learning credits will not be awarded for academic transfer coursework.

Advanced Placement
A student who has completed college-level courses offered by high schools through the College Board Advanced Placement Program and have passed the National Examination(s) of the College Board Advanced Placement Program with scores of three (3) or higher may be awarded advanced placement credit in equivalent courses at Bevill State. The student should be aware that acceptance of a score of three (3) does not assure that another postsecondary institution will award advanced credit for the course credited by Bevill State. Advanced Placement scores must be received from the College Board after the student applies for admission but prior to the beginning of the term in which the student wishes the credit to be applied. It is the student's responsibility to request forwarding of an official score report by the College Board to the appropriate Office of Student Services.

College Level Examination Program (CLEP)
Bevill State honors credit earned through CLEP examination from an approved CLEP testing site, provided appropriate scores are earned and adequate documentation is provided. A minimum score of fifty percent on the subject examinations is required in order for specific course credit to be awarded.

Credit awarded by any other accredited postsecondary institution under the College Level Examination Program (CLEP) for a score of less than fifty percent will not be accepted by this institution. Test scores must be documented by the official score sheet for the College Level Examination Program in the Office of Student Services. Requests for CLEP credit should be submitted to the Office of Student Services.

Students may receive a maximum of 3 hours of credit awarded in each academic area. Students may receive English credit only for ENG 101-English Composition I. In mathematics, students may not receive credit for a mathematics course higher than MTH 113, Precalculus Trigonometry. Students may not receive CLEP credit for courses in biology, chemistry, physics or other laboratory courses. It should be noted that credit may be awarded only in areas offered within the current curriculum of the institution.

Articulated Credit Program
Students who have participated in programs articulated with Bevill State programs may be granted credit as provided for in the respective articulation agreements. Articulated program credit is not necessarily transferable to other colleges or universities. For proper placement in an articulated program, students should obtain an Articulated Credit Recommendation Form from the Office of Student Services. Once the course requirements are completed, students must provide official documentation supporting the high school articulated credit to the Office of Student Services.

Military Service
Students who have enrolled at Bevill State may receive credit for specialized military training. Military credit is awarded on the basis of recommendations published by the American Council on Education in its latest Guide to the Evaluation of Educational Experience in the Armed Services. Documentation of military courses must be submitted to the Office of Student Services for evaluation. Students must request official transcripts at https://jst.doded.mil/official.html for Army & National Guard, Coast Guard, Marine Corps, and Navy.

Other Special Credit Awards
The College may award credit for some courses in the specialized portion of an Associate in Applied Science Degree program to a student who successfully completes specific course examinations. The student must obtain approval of his/her instructor in order to take a challenge examination, and the results must be approved by the Office of Instruction.

Financial Information

Tuition And Fees

The following financial information is subject to change by action of the Alabama Community College System Board of Trustees. The information printed below is current at the time of publication. Any changes will be updated and publicized on the College website prior to the start of each term. All tuition and fee payments are due at the time of registration.

In-State Tuition
Students who meet the specific criteria of Policy No. 803.01, as Alabama residents, are eligible to pay the following tuition and fees:

Cr Hrs	Tuition	Bond Reserve Fee	Facilities Renewal Fee	Tech Fee	Library Fee	Building Fee	Total
1	$131	$1	$ 9	$ 9	$0	$10	$161
2	262	2	18	18	0	20	320
3	393	3	27	27	15	30	495
4	524	4	36	36	15	40	655
5	655	5	45	45	15	50	815
6	786	6	54	54	15	60	975
7	917	7	63	63	15	70	1,135
8	1,048	8	72	72	15	80	1,295
9	1,179	9	81	81	15	90	1,455
10	1,310	10	90	90	15	100	1,615
11	1,441	11	99	99	15	110	1,775
12	1,572	12	108	108	15	120	1,935
13	1,703	13	117	117	15	130	2,095
14	1,834	14	126	126	15	140	2,255
15	1,965	15	135	135	15	150	2,415
16	2,096	16	144	144	15	160	2,575
17	2,227	17	153	153	15	170	2,735
18	2,358	18	162	162	15	180	2,895
19	2,489	19	171	171	15	190	3,055
20	2,620	20	180	180	15	200	3,215
21	2,751	21	189	189	15	210	3,375
22	2,882	22	198	198	15	220	3,535
23	3,013	23	207	207	15	230	3,695
24	3,144	24	216	216	15	240	3,855

NOTE: The Library Fee is assessed to students who are enrolled for three (3) or more credit hours, taking coursework at a main campus or instructional site.

Nonresidents of Alabama
All full-time and part-time students who do not meet specific criteria are required to pay out-of-state tuition at a rate of two (2) times the instate rate. All other fees are the same. Students should contact the Office of Student Services for further information regarding appropriate tuition rates.

The following individuals shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill -Active Duty Program) or chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, who lives in Alabama while attending a school located in Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in Alabama while attending a school located in Alabama (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three-year period following discharge or release as described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in Alabama while attending a school located in Alabama (regardless of his/her formal State of residence).
- Anyone using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in Alabama while attending a school located in Alabama (regardless of his/her formal State of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- Anyone using educational assistance under chapter 31, Vocational Rehabilitation/ Employment (VR&E), also be charged the resident rate. Effective for courses and terms beginning after **March 1, 2019**, a public institution of higher learning must charge the resident rate to chapter 31 participants, as well as the other categories of individuals described above. When an institution charges these individuals more than the rate for resident students, VA is required to disapprove programs of education sponsored by VA.
- The policy shall be read to be amended as necessary to be compliant with the requirements of 38 U.S.C. 3679 as amended.

Truck Driver Training Program
Tuition and Fees: $1,566.00

Additional expenses: $217.50

(Drug testing, physical exam, written test, permit and license fees)

Total Tuition, fees and expenses $1,783.50

Effective January 1, 1995, the Department of Transportation regulations required that all truck driving students undergo drug screening. Since the test is conducted by an independent health service, the student must be prepared to pay a screening fee (cash or money order only). The test will be conducted the first day of the class.

Other Charges and Fees
(For all students, where applicable)

Late Registration Fee	$25
Returned Check Charge	30
Parking/Traffic Violation	15
Parking in Disabled Parking Space	50
Orientation Fee	30
Parking Decal (required)	10
each additional decal	10
Health Sciences Drug Testing Fee	32
Fee for Additional Diploma	10
Nursing Liability Insurance	13
Nursing Testing Fee (per semester)	450
EMS Liability Insurance	55
SUR Liability Insurance	13
SUR Lab Fee (102)	100
SUR Testing Fee (103)	95
SUR Testing Fee (104)	247
EMS Testing Fee (per semester)	35
Paramedic National Registry Testing Fee	125
Advanced EMS National Registry Testing Fee	115
Basic EMS National Registry Testing Fee	80
Health Science Background Check	33.50
Compliance Certification	20
HESI	38

Student Housing

Applications for housing and residence hall rent/fee information may be obtained in the Office of Student Services and the Business Office. Housing is available on the Hamilton Campus and the Fayette Campus.

Payment Of Tuition And Fees

All tuition and fees required of any student at Bevill State are due at the time of registration. A student is not officially registered until tuition and fees are paid or assumed by financial assistance.

Refund Policy

To request a refund, a **Change/Withdrawal-Refund Form** must be submitted to the Office of Student Services. Refunds are issued by the Business Office on designated dates each term.

Partial Withdrawal During the Schedule Change Period
A student who officially drops a course during the Schedule Change Period will be refunded the difference in tuition paid and the tuition rate applicable to the reduced number of hours, plus all refundable fees. After the Schedule Change Period, **no refunds are issued for partial withdrawal.**

Withdrawal from the College - Full Term*
A student who officially withdraws before the first day of class from **ALL** courses will be refunded the total tuition, plus refundable fees. A student who officially withdraws from the College (all courses) during the first seven calendar days of class (inclusive of Saturday and Sunday) will receive 75 percent of refundable tuition, plus refundable fees.* Students who officially withdraw from the College after the first seven calendar days after the beginning of the term and on or before the fourteenth calendar day after the beginning of the term will receive 50 percent of refundable tuition, plus all refundable fees. Students who officially withdraw from the College after the fourteenth calendar day after the beginning of the term and on or before the twenty-first calendar day after the beginning of the term will receive 25 percent of refundable tuition, plus all refundable fees.*

*A portion of the tuition is earmarked by the Community College System Board of Trustees for retirement of debt and cannot be refunded. This non-refundable tuition is $37 for students taking 9 or more hours, $30 for students taking 6-8 hours, and $22 for students taking fewer than 6 hours.

NOTE: Refunds for Truck Driver Training tuition and housing payments are calculated at the same rate as noted above.

NOTE: Refund policy for financial assistance recipients is outlined in the Financial Assistance section of this catalog.

Withdrawal from the College Mini Term*
The refund policy for mini terms is a compressed version of the regular refund policy.

NOTE: A student who adds classes will be charged additional tuition and fees at the applicable rate.

*A portion of the tuition is earmarked by the Alabama Community College System for retirement of debt and cannot be refunded. This non-refundable tuition is $37 for students taking 9 or more hours, $30 for students taking 6-8 hours, and $22 for students taking fewer than 6 hours.

Returned Check Policy

When a check for tuition and fees is returned, the Business Office will immediately notify the student. The student will be advised that if payment for tuition and fees is not made within five (5) days from the date of the notification, the student will be removed from all class rosters. There is a $30 fee for each returned check.

If the student fails to respond within five (5) days, the Business Office will notify the Office of Student Services to remove the student from all class rosters. The instructor of each course will be notified by the Office of Student Services of the College's action to remove the student from his/her class roster. The student will not be allowed to re-enroll until all outstanding debts to the College are satisfied and will be placed on a cash-only basis. The instructor may not add a student back to his/her class roster until he or she is notified to do so.

Delinquent Accounts

A student who has a delinquent account at the College for any fee or fine may not complete registration until his/her account has been satisfied. The College may withhold transcripts and diplomas until all indebtedness is paid.

Financial Assistance

Although primary responsibility for financing a college education must be assumed by the student, the College subscribes to the theory that no student should be denied the opportunity of acquiring an education because of financial barriers. Through diverse grant, scholarship, and work programs, Bevill State Community College has been able to offer educational opportunities to individuals who cannot, through their own resources, afford a postsecondary education.

Eligibility
General eligibility for most financial assistance programs requires that a student:

- Be a U.S. citizen or permanent resident;
- Be enrolled as a regular student in an eligible program;
- Demonstrate financial need;
- Have no default on any federal loan nor owe a repayment on a Pell Grant, Supplemental Educational Opportunity Grant, or any federal grant at any institution;
- Maintain satisfactory academic progress.
- Have a high school diploma or GED.

Application for Financial Assistance
Financial assistance for students may be in the form of scholarships, grants, employment, or a combination of any of these programs. Financial assistance is awarded annually; therefore, each student must apply each year. It is the student's responsibility to secure the necessary applications, complete them as directed, and submit them to the designated place at the appropriate time. Students who wish to be considered for need-based financial aid must complete the U.S. Department of Education's **Free Application for Federal Student Aid (FAFSA)**. Students are encouraged to apply as soon as possible after October 1 for the following academic year. All financial assistance applications may be obtained from the Office of Student Services or online at www.bscc.edu.

Federal Pell Grant
The Pell Grant Program serves as a foundation of financial assistance to which aid from other federal and non-federal sources may be added. To determine eligibility, students must complete a **Free Application for Federal Student Aid (FAFSA)**. Students may apply online at https://studentaid.ed.gov/sa/fafsa.

Federal Supplemental Educational Opportunity Grant (FSEOG)
A limited number of Pell Grant recipients with the greatest financial need are given priority for the FSEOG program. Students do not need to complete any additional application for FSEOG. The Free Application for Federal Student Aid (FAFSA) serves as the application.

Return of Title IV Funds
Bevill State is required to return unearned Federal grant funds to the U.S. Department of Education on the student's behalf if they completely withdraw prior to the 60% point of the semester. When this occurs, the student will owe a repayment of the unearned Federal grant funds to the College.

Complete withdrawal is defined as the date the student submits a completed schedule change form (dropping all classes) to the Office of Student Services or instructional site. In those cases when a student unofficially withdraws (stops attending without completing the withdrawal process), the withdrawal date is the mid-point (50%) of the term.

Repayment is defined as the unearned grant money the student must return to the College. The amount of repayment will be based on a formula prescribed by law that considers the date of withdrawal and the amount of federal grant funds (excluding work-study) received. Students who owe a repayment to the College will not be allowed to register for subsequent terms until outstanding charges are paid.

Federal Work-Study Program (FWS)
Eligible work-study students are paid minimum wage as mandated by the Federal Fair Labor Standards Act for part-time employment on campus. Students work in a variety of offices and departments with their work schedules built around their academic schedules.

Alabama Student Assistance Program (ASAP)
Funds are awarded to eligible Alabama residents who demonstrate need and who are enrolled in at least 6 credit hours. Students must be eligible for Federal Pell Grant. There is no special application for these funds and the funds are very limited for this program.

Institutional Scholarship Program
Bevill State offers numerous scholarships including academic, leadership/service, foundation/need-based, athletics and performing arts. For more information contact the Office of Student Services.

Private/Alternative Loans
Bevill State does not participate in the Federal Student Loan program. Students may wish to pursue a private/alternative loan option. Alternative Loans are private loans made through lending institutions based on the student's level of creditworthiness as determined by the lender. The student's level of creditworthiness affects the loan terms and if a co-signer is required. The college is not able to recommend, promote or endorse any specific loan products or lenders. Students should discuss all aid options before enrolling in any student loan program and should only borrow conservatively. Students should decide upon a lender that best meets his or her needs. Private/alternative loans will be certified upon the request from the lender and the student. The loan amount may not exceed the student's Cost of Attendance. Students must complete a Private Loan Request Form. Students must be enrolled for a minimum of 6 credit hours to be eligible. Tuition and fees must be paid before the remaining loan balance will be disbursed. The balance will not be disbursed until the 14th day of class and is dependent upon student attendance.

VA Benefits
Bevill State Community College is fully approved by the Veterans' Administration to offer training to veterans. Veterans or veterans' dependents planning to attend college should make application directly to the Veterans' Administration and acquire prior approval before entering college.

For students receiving VA education benefits, any complaint against the school should be routed through the VA GI Bill Feedback System by going to the following link: http://www.benefits.va.gov/GIBILL/Feedback.asp. The VA will then follow up through the appropriate channels to investigate the complaint and resolve it satisfactorily.

Workforce Innovation and Opportunity Act (WIOA)
The WIOA program offers assistance to selected eligible individuals who enter approved training programs at Bevill State Community College. Funds are generally provided for tuition, fees, books, and tools. Eligibility is determined by the local State Employment Office.

Vocational Rehabilitation
The State of Alabama provides certain benefits for students through the Alabama Department of Rehabilitation Services. Information is available from the Director of Rehabilitation, State Department of Education, Montgomery, Alabama 36104. Telephone numbers are 800-441-7607 or 334-293-7500.

Staff Financial Assistance Program (SFAP)
The Staff Financial Assistance Program is funded by College employees to assist students who may have immediate financial needs. Grants or loans are awarded for direct institutional costs only. The SFAP committee on each campus meets as necessary to determine these awards. Applications are available in the Office of Student Services.

Financial Assistance Academic Progress Standards
In addition to meeting the College's required progress standards as outlined in this publication, students receiving Federal Financial Assistance must meet the following standards of progress:

1. When a student who is eligible for Title IV Federal financial aid is academically suspended, whether the student serves the suspension or is readmitted upon appeal, the student is not eligible to receive financial aid for the duration of the suspension. The student will not be eligible again to receive financial aid until he or she earns the cumulative GPA required for the number of credit hours attempted at the institution or the semester GPA is 2.0 or above (based on at least 12 credit hours or more attempted at the institution during that term).

2. Eligible students may receive Title IV Federal financial aid for a period of time not to exceed 1.5 times the normal length of a specific program.

3. Students on Title IV Federal financial aid must earn two-thirds of their scheduled hours.

Students who do not meet the above standards will be ineligible for Title IV Federal financial aid. A Title IV Federal financial aid recipient who is enrolled in a developmental (remedial) course may not enroll in the same course more than three times and continue to receive financial assistance. A Title IV Federal financial aid recipient may not be paid for more than 30 credit hours of developmental work. Satisfactory academic progress is evaluated each year prior to the next Financial Aid year.

A student may receive Title IV aid for any repetition of a course as long as the student has never passed the course. Title IV aid will apply to only one paid repeat of courses where a student has earned a "D" or higher.

Due Process for Appeal of the Suspension of Title IV Financial Assistance
A student who desires to appeal the suspension of his/her financial assistance award may do so by submitting a Financial Aid Appeal Packet to the Financial Aid Services Central Processing Center (FASCPC). The Financial Aid Appeal Form outlines the guidelines for completing the appeal process. The form is available in the Office of Student Services or at www.bscc.edu under forms and publications. The completed appeal packet must be submitted no later than the date(s) outlined by term below:

Priority Review Deadline:
2019 Fall Term: July 25, 2019

2020 Spring Term: November 22, 2019

2020 Summer Term: April 17, 2020

Review Deadline:
2019 Fall Term: August 13, 2019

2020 Spring Term: January 6, 2020

2020 Summer Term: May 26, 2020

Bevill will consider the number of program changes when assessing an appeal request. Students are allowed two program/major changes for a total of three programs. Students who want to continue on financial aid must have documented circumstances explaining their reasons. Submission of an appeal is not an automatic approval for financial aid. The student may review the Committee's decision at www.bscc.edu/MyBSCC. This decision will be final. Students who have reached their 600% Lifetime Eligibility for Pell Grant funds are not eligible to appeal.

Academic Information

Graduation

After completion of all program requirements, Bevill State will award the appropriate degree or certificate to students at the time they become eligible. Advisors are responsible for notifying the Director of Student Services when a student becomes eligible to receive certification. Students receiving an Associate in Arts or Associate in Science degree will only be awarded one degree based on the student's program of study at the time of completion. The Associate Degree requires completion of 60-64 semester hours, therefore; it is recommended that students follow the appropriate STARS guide for their program of study. Students pursuing an Associate in Applied Science, certificate, or short-term certificate program should follow the specific course requirements of their program of study. Students must meet the following requirements:

- Earn a 2.0 cumulative grade point average in all courses attempted at the College;
- Meet all program of study requirements for the certificate or degree. These requirements are stated in the appropriate programs of study section for each certificate or degree offered by the College;
- Complete at least 25 percent of the credit hours required for the degree/certificate at Bevill State Community College;
- Complete the orientation course.

In order to receive a printed diploma and/or participate in the annual commencement programs, students must also meet the following additional requirements:

- Complete an **Application for Diploma** and register for GRA 100 during their last term of enrollment;
- Remove all admissions and probation conditions;
- Clear all financial obligations to the College;
- Meet all program requirements outlined in the appropriate Catalog.

Certificates/degrees are awarded at the end of each semester. Diplomas will be available in the Office of Student Services for one week after grades are processed. Diplomas not picked up during that time will be mailed to the graduate.

NOTE: Students may receive a short-term certificate, certificate, and degree in the same program of study. For each additional program of study diploma, students will be charged $10.00. There is an additional cost for the Associate Degree hood and honor cords.

Graduation Honors

Graduation Honors for Degrees
Students must have completed a minimum of 24 semester credit hours at Bevill State to be eligible for graduation honors. Superior academic achievement by graduating students shall be recognized by the following designations:

Graduation with Honors (Cum Laude) 3.50 to 3.69 GPA

Graduation with High Honors (Magna Cum Laude) 3.70 to 3.89 GPA

Graduation with Highest Honors (Summa Cum Laude) 3.90 to 4.00 GPA

Graduation Honors for Certificates
Graduation with Distinction 3.50 to 4.00 GPA

Honors

The **President's List** is compiled at the end of each term. To qualify for this honor, a student must have taken a minimum of 12 credit hours in degree/certificate creditable courses with a 4.00 GPA. This achievement is noted on the student's transcript.

The **Dean's List** is compiled at the end of each term. To qualify for this honor, a student must have taken a minimum of 12 credit hours in degree/certificate creditable courses with a grade point average of 3.5 to 3.99 during the term. This honor is noted on the student's transcript.

Students who have taken a minimum of 12 credit hours in degree/certificate creditable courses and achieved a grade point average of 3.0 to 3.49 will be recognized for **Academic Achievement**. This designation will appear on transcripts.

NOTE: Developmental courses are not considered to be degree/certificate credible courses.

Phi Theta Kappa is the premier honor society in American junior and community colleges. Students who are inducted into the organization each year are honored for academic excellence and recognized for their demonstration of model citizenship.

The **Bevill Scholar Award** is awarded to superior students who excel in their academic disciplines. Students nominated for this honor must have attained academic excellence and must have completed a minimum of 24 semester hours, and a minimum 3.0 GPA.

The **National Technical Honor Society** has been established to recognize outstanding academic achievement among students enrolled in industrial education programs. Students selected for induction into this honor society must demonstrate both academic promise and leadership abilities applicable to their career goals.

The **Carl A. Elliott, Sr. Outstanding Student Award** is an annual recognition at spring commencement of the Most Outstanding Student from the among the graduates of Fayette, Hamilton, Jasper, and Sumiton campuses. This award is presented in recognition of outstanding academic achievement, service to the community, and concern for the welfare of others.

The **National Society of Leadership and Success** is the nation's largest leadership honor society. Students are selected for membership based on either academic standing or leadership potential. Candidacy is a nationally recognized achievement of honorable distinction. In addition to honorable distinction, the Society provides a step-by-step program for members to build their leadership skills.

Academic Advisement

The focus of academic advisement is to assist the student in progressing toward his/her academic goal and to facilitate the successful and timely completion of program requirements leading to the student's desired outcome (i.e., Associate in Arts, Associate in Science, Associate in Applied Science, or Certificate). Academic advisors also facilitate the student's transfer to his/her selected senior institution. Academic transfer students are strongly encouraged to obtain STARS program guides available online at http://stars.troy.edu/.

Advisor Assignment
Each student is assigned an academic advisor by the Testing Center/Student Services staff at the time of placement testing or at the time of application for admission if placement testing is not required. Entering students are required to meet with their assigned academic advisors prior to registering.

Statewide Articulation Reporting System (STARS) Program Guides
Students who plan to transfer into four-year programs of study are strongly encouraged to obtain STARS program guides from the Internet (http://stars.troy.edu) and to take STARS guides with them to their advising appointments. Dated STARS guides are important documents which list required and accepted courses for specific programs of study and should be held by students until their four-year institution transfers are complete. Assistance with utilizing the STARS system is available in each campus Library/Learning Resource Center.

Program/Advisor Change
Students who wish to make a program of study/major change must notify the Office of Student Services to complete the necessary paperwork and to receive an appropriate advisor assignment. Students who change their program of study/major are required to meet program requirements based on the course catalog in effect at the time.

Student Survival Skills/Orientation 107

This one-semester, one-hour credit course introduces the entering student to college life, responsibilities, rules and regulations, college services, academic success skills, research skills, stress management, campus safety and security policies, career planning and job seeking skills, and the use of Canvas, an internet classroom program. **All entering students with a declared program of study are required to complete Orientation.** Orientation is not usually transferable. PSY 100 and ORI 101 will substitute for ORI 107 if previously earned credit.

Attendance

Class attendance is considered an essential part of the educational process at Bevill State Community College. The College subscribes to the philosophy that a student's academic success is directly proportional to class attendance. It is the responsibility of the student to attend all classes and perform assignments as prescribed by instructors and appropriate syllabi. Attendance requirements in Health Science and Career Technical programs may differ from the policy above.

Classification Of Students

Students who have earned 31 hours or fewer are classified as freshmen. Those who have earned 32 hours or more are classified as sophomores. Students are classified as full time or part time according to the number of credit hours attempted. A full-time student is enrolled for a minimum of 12 credit hours. Students are considered part time if they are enrolled for fewer than 12 credit hours. For purposes of Title IV financial assistance programs, a student must be enrolled for 9-11 credit hours to be considered three-quarter time and 6-8 credit hours to be considered half-time.

Evaluation Of Students

The instructor will evaluate students through tests, quizzes (oral or written), projects, work assignments, and laboratory work. If a student misses a test or examination, it is the student's responsibility to make arrangements with the course instructor regarding make-up examinations based on that instructor's policy.

Final Examinations

Final exams are held during the last week of each semester/term. A final examination schedule for the current term is published online at www.bscc.edu -Current Students.

Make-Up Examinations

Make-up exams may be given when the instructor is convinced that extenuating circumstances prevented the student from taking the exam. It is the student's responsibility to report to the instructor any condition that causes an absence from an exam.

Grade Changes/Appeal Of Course Grade

Students are responsible for the review of their grades at the end of each semester. Students who appeal a grade must do so by the end of the schedule change period of the semester following the one in which the grade was assigned. No grades may be appealed after the schedule change period has ended. If the student feels that a grade is incorrect, he/she should contact the instructor for that course, who will initiate a **Change of Grade Form**, if necessary. If the instructor does not agree that the grade should be changed, the student can begin the Due Process for Student Academic Grievance outlined in the Student Handbook section of this catalog.

Grade Reporting

At the end of each term, grades are processed and posted to each student's academic record. Students may access their grades online at www.bscc.edu/MyBSCC.

Grade Point Average (GPA)

Quality points for grades earned each term are awarded as follows:

Grade of A	4 quality points per credit hour
Grade of B	3 quality points per credit hour
Grade of C	2 quality points per credit hour
Grade of D	1 quality point per credit hour
Grade of I, F or WF	0 quality points
Grade of W, WP, AU, S, U or IP	0 quality points

Grade Point Average (GPA) Computation
The Grade Point Average (GPA) is calculated by dividing the total quality points earned by the total credit hours attempted.

Academic Progress Standards

Standards of Progress Policy

Required Cumulative GPA Levels

Hours Attempted	GPA Required	Status If Successful	Status If Not Successful
12-21 Credit Hours	1.5	Clear	Probation
22-32 Credit Hours	1.75	Clear	Probation
33 or More Hours	2.0	Clear	Probation

NOTE: All applicable academic designations except Clear will appear on the student's transcript.

Required Cumulative GPA Levels, defines the consequence of failure to comply with the Standards of Academic Progress. Students who meet or exceed the Standards of Academic Progress are defined as having "Clear Academic Status."

Academic Probation
At the conclusion of any academic term, those students who have not met the minimum Academic Standards of Progress are placed on Academic Probation. Academic Probation is a warning that is intended to put the individual student on notice that his/her academic performance has fallen below the Academic Standards of Progress as summarized in **Academic Probation** table below. If the student wishes to continue and eventually graduate, the condition that caused the Academic Probation must be satisfied and the student must return to Clear Academic Status. The Academic Probation table defines what the student must accomplish in order to attain clear academic status. A transfer student admitted with less than a 2.0 overall GPA is automatically placed on Academic Probation for their first semester.

Required GPA not achieved, but current semester GPA 2.0 or over	Required GPA not achieved and current semester GPA Under 2.0.
Academic Probation continues	Suspension for one semester (may be appealed)

Academic Suspension for One Semester
In order for a student on Academic Probation to clear probation, his/her cumulative GPA must meet the standard. A student on Academic Probation whose academic performance during the next semester is 2.0 or higher but the cumulative GPA is not sufficient to allow that student to meet the Academic Standards of Progress is allowed to continue enrollment but will remain on Academic Probation. A student whose academic performance during the next semester is below 2.0 will be placed on suspension for one semester. After the one-semester suspension, the student is allowed to return to school on Academic Probation. A student who feels that extenuating circumstances resulted in his/her poor academic performance has the right to appeal the academic suspension. **Suspension for One Semester** table below summarizes the appeal process.

Student Action	Student Status	Status Upon Readmission
No appeal filed	Serves suspension	Academic Probation
Appeal successful	Readmitted	Academic Probation

Academic Suspension for One Calendar Year
A student readmitted after having served a one-semester suspension, or whose period of suspension was successfully appealed, will be subject to a one-calendar-year suspension if their semester GPA falls below 2.0. If the student's semester GPA is 2.0 or higher, but the cumulative GPA remains below 2.0, the student's enrollment status will remain on Academic Probation. A student who feels that extenuating circumstances resulted in his/her poor academic performance has the right to appeal the academic suspension.

Re-Admission after Having Been Suspended One Semester
(Whether suspension served or Readmitted Upon Appeal)

Required GPA for hours attempted not achieved but current term GPA 2.0	Required GPA for hours attempted not achieved current semester GPA under 2.0
Students Remain on Academic Probation	Student suspended for one year. (This suspension may be appealed, and, if successful, the student will be readmitted on Academic Probation. If appeal is unsuccessful, student serves suspension and will be readmitted on academic probation.)

Appeal of Academic Suspension

A student who is suspended for one semester or one calendar year may request consideration for readmission by submitting a letter outlining extenuating circumstances resulting in poor academic performance. The letter must be submitted to the Campus Director of Student Services no later than the day of registration for the requested readmission term. Appeals submitted after the deadline will not be considered until the next academic term. The Director of Student Services will convene an academic appeals committee consisting of Campus Division Chairs on the day classes begin for the term to review the student's petition for readmission. The Director of Student Services will attempt to notify the student by phone with the Committee's decision. An official letter stating the committee's decision will be mailed to the student. This letter, along with any supporting materials presented by the student, will be placed in the student's official record file. If the student disagrees with the committee's decision, a written appeal may be submitted immediately to the appropriate Collegewide Dean (Academic Transfer, Career Technical, or Health Sciences). The Dean will make the final decision, either confirming or reversing the committee's recommendation no later than noon on the last scheduled day of late registration. The Dean will attempt to notify the student by phone of the final decision. An official letter stating the decision will also be mailed to the student. If the student's petition for readmission is denied at all levels, the student must serve the remainder of the suspension (one term or one year).

If the committee determines to allow the student readmission without serving the period of suspension, the transcript will read "Suspended One Semester (or One Calendar Year)/Readmitted Upon Appeal." The student is readmitted on academic probation.

NOTE: Title IV financial assistance recipients must meet additional academic progress requirements, which are outlined in the financial assistance brochure.

NOTE: Title IV financial assistance recipients who are readmitted upon appeal must also appeal to the Financial Assistance Committee for reinstatement of financial awards.

Intervention For Student Success

When a student is placed on academic probation, one-term academic suspension, or one-calendar-year academic suspension, College officials may provide intervention for the student by taking steps including, but not limited to, imposing maximum course load limits, recommending a study skills course, and/or prescribing other specific courses.

Academic Bankruptcy

Under this policy all college-level work done at an earlier date is eliminated from compilation of the GPA and none of it is applied toward a degree at the college attended. Such work, however, will not be removed from the student's records.

A student must complete an **Academic Bankruptcy Request Form** and submit it to the Director of Student Services to declare Academic Bankruptcy under the following conditions:

- Student must have completed a minimum of 12 semester credit hours at this institution with a grade of "C", "S", or higher in each course since the most recent semester they are requesting bankruptcy. Students may request to bankrupt either one (1), two (2) or three (3) semesters. Bankruptcy will apply to all coursework completed during the requested semester(s) . All coursework completed during that semester will be disregarded in calculating GPA.
- Student will not be able to count any courses taken during the bankruptcy semester(s) toward graduation; however, courses completed may meet academic prerequisite requirements.
- Courses completed during the bankruptcy semester(s) remain on the student's transcript. The transcript will have an Academic Bankruptcy notation.
- Other institutions may not honor the bankruptcy policy.
- Academic bankruptcy may be declared only once. Under this policy all college-level work done at an earlier date is eliminated from computation of the GPA and none of it is applied toward a degree of the college attended. Such work, however, will not be removed from the student's records.

Distance Education

Bevill State Community College addresses the enormous impact which technology has on higher education. This involves the application of varied strategies that deliver education to students who are in a different location other than that of the instructor. Three distinct approaches to distance education are utilized by the College:

- **Interactive Intercampus Television System (IITS)** An instructor can teach students at a local site and at remote sites simultaneously. The instructor and students can see each other and interact as though they are in the same classroom even though some are as far as sixty miles apart.
- **Web-Based Instruction** In order to achieve the goal of providing convenient courses to students at any time or place, the College offers web-based instruction. Students interested in enrolling in internet courses should visit the College website at www.bscc.edu to obtain information concerning equipment/software and course requirements.
- **Hybrid Courses** Hybrid courses combine in-class activities such as exams, and/or labs with web-based components. Time in class is reduced and is replaced with web-based coursework that is required to complete the course. Students must come to class as scheduled for lectures and exams, complete assignments, and work with others to complete group assignments or projects.

Academic Testing Centers are located on each campus to provide distance education students proctored testing in an environment conducive to testing. Faculty must contact the testing center to schedule appropriate times and dates for student testing. Students are responsible for scheduling exams in the academic testing center one week prior to the exam availability

Successful distance education students are self-directed, mature, disciplined, and highly motivated people. Students who take IITS and web-based courses must be able to work independently with a minimum amount of face-to-face contact with faculty and a minimum amount of interaction with other students. Students assume full responsibility for developing a highly personalized study plan and adhering strictly to that plan to ensure individual learning.

Evening Program

The evening/weekend program at Bevill State provides individuals who have daytime responsibilities an excellent opportunity to attend College classes on a full-time or part-time basis. Evening classes are offered at times convenient to the commuting student. Weekend classes meet on Friday evening, Saturday, and Sunday.

The evening/weekend program is similar to the day program in many ways. Several courses are taught each term by the full-time faculty. Others are taught by qualified adjunct faculty who meet state and accrediting agency requirements. Class sessions are arranged to give the evening/weekend student the same time for classroom instruction as those enrolled in the day program.

The policies for admission, registration, graduation, and course requirements are the same for evening, weekend, and day students. A schedule listing the courses offered in the evening/weekend program is available online each term. Additional information is available in the Office of Student Services.

Developmental Education Courses

The Developmental Studies program is designed to assist students whose placement exam scores indicate the need for a review in one or more academic areas prior to students proceeding into the prescribed course sequences leading to higher level academics. Diagnostic testing and individualized programs of study allow students to progress at rates appropriate for their individual circumstances. The learning environment allows for variety and flexibility in the presentation of course content and offers a gradual transition to the more traditional lecture-style classroom.

Students who place in developmental courses must take that course (or courses) in their first term of enrollment at the College. Students must meet with the developmental studies advisor before registering for classes for any term in which a developmental class is required. Students who place in developmental level courses may not enroll in more than 12 credit hours.

Continuing Education Courses

Bevill State awards the Continuing Education Unit (C.E.U.) for special, non-academic activities and courses offered by the College. As defined by the Southern Association of Colleges and Schools Commission on Colleges, the Continuing Education Unit is given for 10 contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. Continuing education courses are offered for purposes of personal enrichment, community service, professional development, and creative pursuits. Courses are developed and selected according to the needs and interests of area citizens and students and vary each term.

Career Technical Education

The College provides a broad range of training, skills assessment and development, educational programs and other services. The goal of this area is to provide quality education while responding to the needs and goals of students.

Skills Training Courses

Skills training courses are open to all persons who can benefit from the training, including those who do not possess a high school diploma or GED. The first priority of the skills training courses is the development of skills. Skills training courses are designed to be flexible. The majority of the skills training courses are WIOA approved and can be authorized through the Career Links/One-Stop Centers.

Adult Education Program

The Adult Education program offers free academic remediation instruction for adults 16 years of age and older, not enrolled in secondary school, who are interested in improving their skills in reading, language and mathematics prior to taking the General Education Development Test (GED®), college entrance or pursuit of improved career opportunities. Classrooms are conveniently located throughout the college service area. GED® preparation instruction is also available online. English as a Second Language (ESL) classes are offered at the College for individuals who wish to learn to read, write and speak English. Ready to Work (RTW) courses prepare students for Career Readiness Certification and the Alabama Certified Worker Credential.

GED® Testing

Bevill State has Pearson Vue approved GED® testing centers located on the Fayette, Hamilton, and Jasper Campuses.

Customized Training for Business and Industry

Bevill State offers quality, full-service training, assisting business and Industry in making sound investments in their employees. Courses can be conducted on-site at Bevill State, at the business or industry facility, or a combination of both locations.

- **Skills & Technical Training:** We offer non-credit training in industry and job specific skills such as PLC, OSHA , welding, and commercial truck driving.
- **Employability Skills:** Success depends upon a complex array of skills and knowledge that are often beyond those learned through degree programs or on the job. Employability skills are a critical component to organizational success. The need for these skills often becomes apparent over time. From Assertiveness Training to Marketing, Basics and Train-The Trainer, Workforce Solutions provides customizable and targeted training for continual employee development. Classes can be conducted on site at your facility or at a Bevill State campus.
- **Computer Training:** Workforce Solutions offers customized training to improve employee computer skills, from basic use to commonly used software such as Microsoft Office.

Adult Literacy

The adult literacy component of Adult Education strives to identify and train volunteers who are willing to work one-on-one with adults who desire to improve their reading abilities. Instructional materials are designed specifically for adults. The College offers adult reading instruction as well as private reading tutors.

GED Preparation And College Readiness

Bevill State has GED classes located at each of our locations and throughout our service area, at various off-campus sites. After completion of the GED, students are awarded one free college course at Bevill State Community College.

GED Online

For those seeking high school equivalency outside the traditional classroom, the Adult Education program offers GED® preparation classes in an online format. After students complete the required orientation in a convenient classroom location near them, they are allowed access to instructional software programs and communicate with an adult education instructor by email and message board within the software. After completion of the GED, students are awarded one free college course at Bevill State Community College.

Tuition Free College Courses

Bevill State Community College and the Alabama Community College System offer students who successfully complete the GED® exam one tuition-free college level class for up to 4 credits. Students who successfully complete the Ready to Work curriculum and earn the Alabama Certifies credential, may also earn one college-level class for up to 4 credits.

English as a Second Language Instruction (ESL)

Adult Education ESL instructors work with adults whose first language is not English. ESL classes help those not fluent and literate in English to communicate effectively by developing their listening, speaking, reading, and writing skills. Topics in citizenship, vocabulary building, employment training, personal paperwork, health, and emergency life skills are all part of the curriculum. ESL programs are designed to help adults acquire the skills they need to meet personal, vocational, academic, community and employment goals. (se habla español -800-648-3271 ext. 5380 or 5736).

Mining Technology/Alabama Mining Academy

Officially established by the Alabama Legislature in 1985, The Alabama Mining Academy at Bevill State is the central agency for assistance to Alabama's miners and mine operators in Mine Safety and Health Training.

The fundamental mission is to:

1. Provide assistance to the mining industry, by developing and implementing effective Mine Health and Safety programs
2. Improve and expand programs aimed at a safer, more productive mining industry

Ready To Work

Employers seek skilled employees that possess strong work ethics. Ready to Work is a free workforce development course designed to prepare students to be the best qualified applicants and to assist employers in filling their jobs with top candidates. The Ready to Work curriculum includes Workplace Ethics, Manufacturing, Problem Solving/Conflict Resolution, Computer Training, Customer Service, and Job Acquisition. Participants prepare for the Alabama Certified Worker credential which ensures employers that they have met the requirements of today's workforce. The College partners with area business and industry to provide the Ready to Work curriculum.

Training & Education

Health Related Professions

Certified Nurse Assistant (CNA)
The Certified Nurse Assistant (CNA) program is a non-credit training class that prepares you to take the CNA certification exam. CNAs care for patients of all ages in hospitals, clinics, nursing homes, assisted living facilities, and may be hired to provide in-home care. Available on the Fayette and Sumiton campuses, this 9-week program is $1175, which includes supplies and testing. A high school diploma or GED is recommended, but not mandatory. The CNA program is approved for funding by WIOA, GI Bill, and Vocational Rehabilitation.

Dental Assistant
The Dental Assistant program prepares individuals for the Dental Assistant certification exam. A Dental Assistant may perform basic supportive dental procedures specified by the State of Alabama Dental Practice Act and under the direct supervision of a licensed dentist. This non-credit, 15-week training program is available in Jasper only. It includes a 50-hour externship and participants must have a high school diploma or GED. The cost is $1400 plus books and funding is available for qualified applicants through WIOA, GI Bill, and Vocational Rehabilitation.

Workforce Solutions

Bevill State has combined the powerful resources of a regional multi-campus college to create a comprehensive approach to workforce education, training, and customized business and industry solutions.

Workkeys®/National Career Readiness Certificate

WorkKeys® is to industry as ACT is to college. Many employers find WorkKeys® scores helpful in determining job placement. The Alabama Career Readiness Certificate reports an individual's Applied Mathematics, Graphic Literacy, and Workplace Document skills in relation to the level of skills needed in 80% of the jobs and occupations contained the ACT's WorkKeys® national database. Certificate awards include Bronze, Silver, Gold, and Platinum certificates -each awarded based on assessment scores.

Course Auditing

Students who desire to take College courses without earning credit may be admitted as audit students but must pay full tuition and fees for the course(s) audited. Students who audit courses will be listed on the official class rosters, but are not required to take tests or final examinations or make reports. A grade of “AU” (no credit) will be assigned for audited courses. Students who desire to change from credit to audit or audit to credit must officially request a status change before the end of the schedule change period. Audited coursework may not be counted toward a student’s enrollment status for financial assistance or veterans’ benefits.

Course Cancellation

It is the policy of Bevill State to offer courses within the College’s academic inventory which meet the needs of the students enrolled in approved programs of study. Scheduled courses in a particular term may be cancelled by the College due to such reasons as insufficient enrollment, unavailability of a qualified instructor, or unavailability of instructional space, etc. Should a class be cancelled, students enrolled in the cancelled class will be notified for a refund of tuition and fees or placement into another class.

Credit By Challenge Examination

Challenge examinations are administered prior to the last day of the add/drop period. To receive credit by challenge examination, students must score a "C" or above on the examination. Certain types of performance courses, such as Vocational Technical English I, English Composition I and II and Fundamentals of Public Speaking are not eligible for challenge credit. To obtain credit by challenge examination, the following procedures must be observed:

- Students receiving financial assistance must obtain approval from the Office of Student Services prior to challenging the course(s).
- Students should obtain approval from the instructor to challenge the class by examination and enroll in the course. Students are not allowed to challenge a course that has been attempted unsuccessfully.
- Instructors must obtain a **Request for Credit by Challenge Examination Form** from the Division Chairperson or Office of Student Services.
- The instructor should administer the exam prior to the last day of the add/drop period. If the student is successful, the instructor will submit a completed **Request for Credit by Challenge Examination Form** to the Director of Student Services. If the student is unsuccessful in passing the challenge exam, he or she should remain in the class to complete the necessary coursework to pass the course.
- Students may then add another course; however, if the additional course results in a load of more than 19 credit hours, the student should submit to the Director of Student Services the **Schedule Change/Withdrawal Form** for approval, along with **Request for Credit by Challenge Examination Form**.
- The Dean of Students or designee should sign the form and provide copies for the student, Central Financial Aid, and the instructor administering the examination.
- Quality points will be awarded for credit received by challenge examination. Credits received from successful completion of the challenge examination cannot be counted toward the student’s enrollment status for Title IV financial assistance.

Independent Study

Independent study is an atypical mode of instruction that must be undertaken only if the following guidelines are met and no other viable options are available.

- Independent study courses must be based on the same syllabi as the corresponding regular courses.
- Students taking independent study courses must complete exams and assignments equivalent to those required in regular classes.
- All independent study courses must be approved by the instructor, Division Chair, and the appropriate collegewide Dean (Academic, Technical or Health Sciences).
- Instructors must meet with students in independent study courses at least weekly.

Prerequisites

Prerequisites for a course must be met before the course is taken unless permission to omit the prerequisite has been approved by the appropriate instructional collegewide Dean (Academic Transfer, Career Technical, or Health Sciences). A student who fails in the first course of a sequence cannot take the succeeding courses before making up the failure. If prerequisite requirements are not met for a course, a student will be removed from that course.

Program Termination

All programs of study are periodically evaluated by the College according to guidelines set forth by the Alabama Community College System. Programs having insufficient enrollment, unsatisfactory completion rates, low job placement, or other deficiencies may be reviewed for termination. Should a program be terminated, currently enrolled students will be allowed to finish the program or to transfer to another program.

Repeating Courses/Course Forgiveness

If a student repeats a course once, the second grade awarded (excluding grades of AU, W, and WP) replaces the first grade in the computation of the cumulative grade point average. The grade and grade point average during the term in which the course was first attempted will not be affected.

When a course is repeated more than once, all grades for the course, excluding the first grade, will be employed in computation of the cumulative grade point average. Official records at the institution will list each course in which a student has enrolled. A repeated course will count only once toward the requirements for program completion. Students should be aware that some colleges do not honor course forgiveness.

Pell grant funds may not pay for some repeated courses. Contact a Student Services Specialist for your particular circumstances.

Transcripts

Academic transcripts of student records cannot be sent to other institutions, prospective employers, or to the student unless an official written request is made by the student to the Office of Student Services. Official transcripts will not be released for students who have outstanding financial obligations to the College.

The College makes an effort to issue transcripts in a timely manner. However, during peak times such as registration, students should anticipate that requests will be processed within 48 hours of receipt of the request.

Students may view their college transcript online at MyBSCC and print an unofficial copy. The Office of Student Services will not copy or otherwise reproduce official student transcripts obtained from transfer institutions.

Academic Conduct Code

Bevill State expects all members of its academic community to function according to the highest ethical and professional standards. The entire college community must be involved to ensure this quality of academic conduct.

Academic Misconduct

Academic misconduct undermines the purpose of education. Such behavior is a serious violation of the trust that must exist between the faculty and students in order for the College to nurture intellectual growth and development. Academic misconduct can generally be defined as all acts of dishonesty in an academic or related matter. Academic dishonesty includes, but is not limited to, the following categories of behavior:

Cheating: use or attempted use of unauthorized materials, information, study aids, the answers of others, or computer-related information.

Plagiarism: claiming as one’s own the ideas, words, data, computer programs, creative compositions, artwork, etc., done by someone else. Examples include improper citation of referenced works, use of commercially available scholarly papers, failure to cite sources, or copying another's ideas.

Fabrication: presenting as genuine falsified data, citations, or quotations.

Abetting: helping another student commit an act of academic dishonesty. Allowing a fellow student to copy quiz/examination answers or use one’s work as his/her own are examples of abetting.

Misrepresentation: falsification, alteration, or misstatement of the contents of documents, academic works, or other materials related to academic matters, including works substantially done for one class as work done for another without receiving prior approval from the instructor.

In the event of suspected academic misconduct, the following procedure will be followed:

- Upon reaching the conclusion that academic misconduct may have occurred and that action is warranted, the instructor will inform the student of the charge within two (2) days, excluding Saturdays, Sundays and official College holidays. The student has the right to hear the instructor's reasons for making the charge, to inspect all relevant evidence in the instructor's possession, and to respond to the charge. Based on the student's response and all the evidence, the instructor will determine if a penalty is appropriate. If a penalty is deemed appropriate, the instructor will inform the student of the action to be taken. If the student is not in agreement with the findings or the penalty, the instructor will provide the student with a written statement of the action taken and the basis for that action. A copy of this written statement will be sent to the Campus Division Chair on the campus where the course was taught or the College wide Division Chair for Distance Education for courses taught via Distance Education (web-based, hybrid, or IITS).
- Within five (5) days, excluding Saturdays, Sundays and official College holidays, of this notification, the student may appeal the instructor's decision by letter to the Campus Division Chair or Collegewide Division Chair for Distance Education, as appropriate. The Campus Division Chair or Collegewide Division Chair for Distance Education, as appropriate, will take testimony from the student, the instructor, and all appropriate witnesses within five (5) days, excluding Saturdays, Sundays and official College holidays, and make a decision. If the Campus Division Chair or Collegewide Division Chair for Distance Education, as appropriate, reverses the finding of academic misconduct, the instructor must re-examine the work in question and assign credit without prejudice. In the event that the Campus Division Chair or Collegewide Division Chair for Distance Education is the instructor, the appropriate Collegewide Dean will replace the Campus Division Chair or Collegewide Division Chair for Distance Education in the appeal process. The decision is final except for those cases in which the grade for the course is an “F.”
- In those cases where the final decision concerning an academic misconduct charge is an “F” for the course, the instructor will send a letter to this effect to the student and to the Campus Division Chair or Collegewide Division Chair for Distance Education, as appropriate, on the campus where the course was taught. If the student chooses to appeal the grade of “F” to the appropriate Collegewide Dean (Academic Transfer, Career Technical, or Health Sciences), the student must submit a letter of appeal. All evidence and other information used to determine academic misconduct will be forwarded to the appropriate Collegewide Dean.

Academic Penalties

The following is a list of penalties that may be imposed upon any student found guilty of academic misconduct by the instructor, the Campus Division Chair, or Collegewide Division Chair for Distance Education, as appropriate.

- Requirement to submit additional work or take additional examinations.
- A lower or failing grade on the assignment or examination.
- A lower or failing grade in the course.
- Removal from class.

Possible Additional Penalties
The following is a list of penalties that may be imposed by the Collegewide Dean, in addition to those imposed by the instructor, the Campus Division Chair, or Collegewide Division Chair for Distance Education, as appropriate.

- **Reprimand**: A written statement from the College expressing disapproval of conduct. This reprimand will be placed and retained with the student's permanent record.
- **Probation**: The notice of probationary status will be placed and retained in the student's permanent record.
- **Suspension**: Suspension from the College for a period of one year. Suspension will be required if the student has two instances of academic misconduct. The notice of suspension will be placed and retained in the student's permanent record. After a period of one year the student may apply for readmission to the College, but will remain on probation. Suspension from specific programs of study may be mandated on the first offense. Students should consult the policies of the program of study in which they are enrolled to determine the circumstances under which suspension can occur.
- **Dismissal**: A permanent separation from the College. Students receiving this penalty are forever prohibited from readmission to the College. The notice of dismissal will be placed and retained in the student's permanent record.

Academic Transfer

PROGRAMS OF STUDY
Bevill State’s Academic Transfer Division offers transfer guides for several programs. Applicants must possess certain abilities to meet the required essential functions of each program. Orientation (ORI 107) is a prerequisite to all degree and certificate programs.

Statewide Articulation Reporting System (STARS)
Students should become familiar with the Statewide Articulation Reporting System (STARS), which provides very specific information about the requirements in each subject area for a chosen transfer institution. The STARS website is **http://stars.troy.edu/**. From STARS, students can print a transfer guide for his/her major and enter into a binding contract with the transfer institution in his/her program of study. The contract is not binding on the student but is binding on the transfer institution provided that the student does not change majors and takes the courses listed on the transfer guide.

Alabama General Studies Committee
The course offerings at Alabama Community Colleges have been evaluated and their transfer equivalency to four-year colleges and universities has been determined by the Alabama General Studies Committee (AGSC). This committee divided the academic transfer courses into three separate groups according in their transfer status.

The Associate Degree requires the completion of 60 semester hours and a specific requirement of 41 semester hours is common to all degrees except for those students majoring in engineering. This 41- hour group of courses is referred to as the Common Core. (Common Core for engineering includes only 35 semester hours.) Common Core courses are further separated by academic areas – AREA I (Written Composition), AREA II (Literature, Humanities Fine Arts), AREA III (Natural Sciences, Mathematics) and AREA IV (History, Social and Behavioral Sciences). The remaining 19 hours, which are specific to the student’s major and other graduation requirements, appear as AREA V (Major, Minor, Elective Courses). A single course can be used to meet course requirements in only ONE AREA. Courses that satisfy the requirements in AREAS I through IV and that meet the common core requirement are designated as Code A courses. Courses that can be used only to meet major, minor or graduation requirements are listed as Code B courses. The remaining courses are designated as Code C. Code C courses are potentially transferrable as AREA V courses but must be articulated individually with the transfer institution.

Students who are pursuing four-year degrees should follow the transfer guide for their major. Transfer guides for most majors are found on the following pages. The transfer institution’s catalog and/or website provides specific transfer requirements in AREA I through AREA V.

STARS University Parallel Approved Common Core Courses

AREA I: Written Communications - 6 hours
ENG 101 - English Composition I
ENG 102 - English Composition II

AREA II: Literature, Humanities and Fine Arts - 12 hours
*Literature (3-6)

ENG 251 - American Literature I
ENG 252 - American Literature II OR ENG 261 - English Literature I
ENG 262 - English Literature II OR ENG 271 - World Literature I
ENG 272 - World Literature II

Fine Arts (3)
ART 100 - Art Appreciation
ART 203 - Art History I
ART 204 - Art History II
MUS 101 - Music Appreciation
THR 120 - Theatre Appreciation

Speech (3)

SPH 106 - Fund. of Oral Communication OR SPH 107 - Fund. of Public Speaking

Additional Humanities (0-3)

PHL 106 - Introduction to Philosophy
PHL 206 - Ethics and Society
REL 100 - History of World Religion
REL 151 - Survey of the Old Testament
REL 152 - Survey of the New Testament
SPA 101 - Introductory Spanish I
SPA 102 - Introductory Spanish II

AREA III: Natural Science and Mathematics - 11 hours
Mathematics (3-4)

MTH 110 - Finite Mathematics
MTH 112 - Precalculus Algebra
MTH 113 - Precalculus Trigonometry
MTH 115 - Precalculus Algebra and Trig.
MTH 120 - Calculus and Its Applications
MTH 125 - Calculus I

Natural Sciences (8)

AST 220 - Introduction to Astronomy
BIO 103 - Principles of Biology I
BIO 104 - Principles of Biology II
CHM 104 - Intro. to Inorganic Chemistry
CHM 105 - Intro. to Organic Chemistry
CHM 111 - College Chemistry I
CHM 112 - College Chemistry II
GLY 101 - Intro to Geology I
GLY 102 - Intro to Geology II
PHS 111 - Physical Science I
PHS 112 - Physical Science II
PHY 120 - Intro to Physics 12
PHY 201 - General Physics I
PHY 202 - General Physics II
PHY 213 - General Physics w/Calculus I
PHY 214 - General Physics w/Calculus II

AREA IV: History, Social and Behavioral Science - 12 hours

*History (3-6)

HIS 101 - Western Civilization I/HIS 102 - Western Civilization II OR
HIS 121 - World History I/HIS 122 - World History II OR
HIS 201 - United States History I/HIS 202 - United States History II

**Additional History, Social and Behavioral Sciences (6-9)

ANT 200 - Introduction to Anthropology
ANT 210 - Physical Anthropology
ANT 220 - Cultural Anthropology
ANT 230 - Introduction to Archeology
ECO 231 - Macroeconomics
ECO 232 - Microeconomics
GEO 100 - World Regional Geography
POL 200 - Introduction to Political Science
POL 211 - American National Government
PSY 200 - General Psychology
PSY 210 - Human Growth and Development
SOC 200 - Introduction to Sociology
SOC 210 - Social Problems
SPH 116 - Intro to Interpersonal Communication

Two-semester sequence required in literature or history. Most majors at Auburn University require a two-semester sequence in both History & Literature. UAB accepts ECO 231/232 as two-semester sequence in lieu of literature or history. Requirements will vary according to transfer institution. Students should consult the catalog or website of the specific transfer institution to determine the specific courses within each AREA. In the event that a question cannot be readily answered, the STARS guide should always take precedence. Some programs require both CHM 111 & 112. Chemical Engineers must complete CHM 111 & 112 (8 hrs) and CHM 221 and 222 (8 hrs). # MUS 211/213 & MUS 212/214 are junior level courses at some transfer institutions and will not be accepted for transfer.

AREA V: Major, minor and Elective Courses - 19 hours
Courses taken in AREA V are those that provide the student with the knowledge and experiences in his/her chosen major or area of concentration. The course requirements listed within AREA V of each program of study should be used as a guide and may vary depending upon the transfer institution. For guidance in the identification of the specific course requirements in the major or minor, the student should refer to the transfer institution's catalog or website. Also, the AGSC transfer guide (STARS guide) for each public transfer institution in the state of Alabama is readily available on the web at http://stars.troy.edu and should be utilized.

Transfer Guides

Transfer Guide - Biological Sciences (BIO)
All Locations

Program: Biological Sciences

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science
Maximum of 6 hours in History

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major and Electives
Choose a minimum of 19 hours

Item #	Title	Credits
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
CHM 221	ORGANIC CHEMISTRY I	4
CHM 222	ORGANIC CHEMISTRY II	4
	PHY 201-202 or PHY 213-214	8
MTH 125	CALCULUS I	4
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Business Administration (BUA)
All Locations

Program: Business

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
ECO 231	PRINCIPLES OF MACROECONOMICS	3
ECO 232	PRINCIPLES OF MICROECONOMICS	3
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BUS 241	PRINCIPLES OF ACCOUNTING I	3
BUS 242	PRINCIPLES OF ACCOUNTING II	3
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
BUS 271	BUSINESS STATISTICS I	3
BUS 272	BUSINESS STATISTICS II	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	MTH 120 or MTH 125 or Advisor Approved Elective	3 - 4
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Chemistry (CHM)
All Locations

Program: Chemistry

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 125	CALCULUS I	4
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
	Sub-Total Credits	**12**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

AREA V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
CHM 221	ORGANIC CHEMISTRY I	4
CHM 222	ORGANIC CHEMISTRY II	4
	PHY 201-202 or PHY 213-214	8
MTH 126	CALCULUS II	4
MTH 227	CALCULUS III	4
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**27**
	Total credits for degree:	60

Transfer Guide - Computer Science (CSC)
All Locations

Program: Computer Science

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 125	CALCULUS I	4
	Natural Sciences	8
	Sub-Total Credits	**12**

Area IV: History, Social & Behavioral Science
(Maximum of 6 hours history)

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major and Electives
Choose a minimum of 19 hours

Item #	Title	Credits
MTH 126	CALCULUS II	4
MTH 227	CALCULUS III	4
CIS 146	MICROCOMPUTER APPLICATIONS	3
CIS 251	C++ PROGRAMMING	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
	Approved CIS elective or MTH elective	3
	Sub-Total Credits	**20**
	Total credits for degree:	62

Transfer Guide - Criminal Justice (CRJ)
All Locations

Program: Criminal Justice

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 110	FINITE MATHEMATICS	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science
(Maximum of 6 hours in History)

Item #	Title	Credits
	History, Social & Behavioral Science	3 - 6
	Additional History, Social and Behavioral Science Courses	6
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major and Electives
Choose a minimum of 19 hours

Item #	Title	Credits
CIS 146	MICROCOMPUTER APPLICATIONS	3
	CRJ 100 and CRJ 110, 150 or 160	6 - 9
	Additional History, Social & Behavioral Sciences Courses	7 - 10
	Sub-Total Credits	**20**
	Total credits for degree:	60

Transfer Guide - Early Childhood Education (EED)
All Locations

Athens State University

Program: Early Childhood Education (EED)

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3
	Fine Arts	3
	SPH 106 or SPH 107	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 110	FINITE MATHEMATICS	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
PSY 200	GENERAL PSYCHOLOGY	3
	History, Social & Behavioral Science	3 - 6
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Physical Science	4
	Upper level Mathematics, MTH 110, 113, 120, 125 or higher	3
	Any Two Math Courses at 100 level or higher	6
CHD 206	CHILDREN'S HEALTH AND SAFETY	3
CHD 209	INFANT AND TODDLER EDUCATION PROGRAMS	3
	CHD 203, 204, 205 or 215	3
	Physical Education	1
	Sub-Total Credits	**23**
	Total credits for degree:	60

Transfer Guide - Elementary Education (EED)
All Locations

Program: Elementary Education (EED)

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Upper level Mathematics, MTH 110, 113, 120, 125 or higher	3
	Additional Sciences	4 - 8
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Electives	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Engineering (EGR)
All Locations

Program: Engineering

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3
	Fine Arts	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**9**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 125	CALCULUS I	4
PHY 213	GENERAL PHYSICS WITH CAL I	4
PHY 214	GENERAL PHYSICS WITH CAL II	4
	Sub-Total Credits	**12**

Area IV History, Social & Behavioral Science

Item #	Title	Credits
	History Courses	6
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**9**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
MTH 126	CALCULUS II	4
MTH 227	CALCULUS III	4
CHM 111	COLLEGE CHEMISTRY I	4
MTH 237	LINEAR ALGEBRA	3
MTH 238	APPLIED DIFFERENTIAL EQUATIONS I	3
EGR 101	ENGINEERING FOUNDATIONS	3
EGR 125	MODERN GRAPHICS FOR ENGINEERS	3
EGR 157	COMPUTER METHODS FOR EGR USING MATLAB	3
EGR 220	ENGINEERING MECHANICS-STATICS	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**33**
	Total credits for degree:	60

Transfer Guide - English/Language Arts (ENG)
All Locations

Program: English

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature Courses	6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3
PSY 200	GENERAL PSYCHOLOGY	3
	Additional History, Social and Behavioral Science Courses	6
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Additional Literature (consult transfer institution)	9
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Electives	7 - 16
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Forestry - Auburn University (FOR)
All Locations

Program: Forestry

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature OR Humanities	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 113	PRECALCULUS TRIGONOMETRY	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History Courses	6
ECO 232	PRINCIPLES OF MICROECONOMICS	3
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	CHM 104 and CHM 105 (preferred) or CHM 111 and CHM 112	8
MTH 265	ELEMENTARY STATISTICS	3
BUS 241	PRINCIPLES OF ACCOUNTING I	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Electives	3
	Sub-Total Credits	**20**
	Total credits for degree:	61

Transfer Guide - General Studies (GS)
All Locations

Program: General Studies

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Additional General Studies Courses	16 - 20
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Health, Physical Education & Recreation (HPR)
All Locations

Program: Physical Education

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
CHM 104	INTRODUCTION TO INORGANIC CHEMISTRY	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BIO 201	HUMAN A & P I	4
BIO 202	HUMAN A & P II	4
	HED 221 or HED 222	3
HED 231	FIRST AID	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Electives	3 - 6
	Sub-Total Credits	**20**
	Total credits for degree:	61

Transfer Guide - History (HIS)
All Locations

Program: History

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 110	FINITE MATHEMATICS	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
HIS 101	WESTERN CIVILIZATION I	3
HIS 102	WESTERN CIVILIZATION II	3
PSY 200	GENERAL PSYCHOLOGY	3
	SOC 200/GEO 100/POL 200/ECO 231	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
HIS 201	UNITED STATES HISTORY I	3
HIS 202	UNITED STATES HISTORY II	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Electives	10
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Liberal Arts (LA)
All Locations

Program: Liberal Arts

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Additional Liberal Arts Courses	16 - 20
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Mathematics (MTH)
All Locations

Program: Mathematics

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 125	CALCULUS I	4
	Natural Sciences	8
	Sub-Total Credits	**12**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
MTH 126	CALCULUS II	4
MTH 227	CALCULUS III	4
MTH 237	LINEAR ALGEBRA	3
MTH 238	APPLIED DIFFERENTIAL EQUATIONS I	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Elective	1
	Sub-Total Credits	**18**
	Total credits for degree:	60

Transfer Guide - Music (MUS)
All Locations

Program: Music

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
MUS 101	MUSIC APPRECIATION	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
MUS 111	MUSIC THEORY I	3
MUS 112	MUSIC THEORY II	3
MUS 113	MUSIC THEORY LAB I	1
MUS 114	MUSIC THEORY LAB II	1
	Additional Music Courses	6
	MUL Course	2
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Pre-Nursing (BSN)
All Locations

Program: Pre-Nursing (BSN)

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities & Fine Arts

Item #	Title	Credits
	Literature Courses	6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
CHM 104	INTRODUCTION TO INORGANIC CHEMISTRY	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3
PSY 200	GENERAL PSYCHOLOGY	3
PSY 210	HUMAN GROWTH AND DEVELOPMENT	3
SOC 200	INTRODUCTION TO SOCIOLOGY	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BIO 201	HUMAN A & P I	4
BIO 202	HUMAN A & P II	4
BIO 220	GENERAL MICROBIOLOGY	4
BIO 230	HUMAN PATHOPHYSIOLOGY	4
BUS 271	BUSINESS STATISTICS I	3
CHM 105	INTRODUCTION TO ORGANIC CHEMISTRY	4
HEC 140	PRINCIPLES OF NUTRITION	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
PHL 206	ETHICS AND SOCIETY	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Psychology (PSY)
All Locations

Program: Psychology

Type: Associate in Science

Area 1: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities & Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
PSY 200	GENERAL PSYCHOLOGY	3
	History, Social & Behavioral Science	3 - 6
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
	Additional Courses (Refer to the College catalog, website, or the STARS guide.)	17 - 20
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Secondary Education (SED)
All Locations

Program: Secondary Education

Type: Associate in Arts

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
	MTH 110 or MTH 112	3
	Natural Sciences	8
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
PSY 200	GENERAL PSYCHOLOGY	3
	Additional History, Social and Behavioral Science	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
CIS 146	MICROCOMPUTER APPLICATIONS	3
	See Area V Transfer Institution for specific requirements by major.	16 - 20
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Pre-Professional (PPR) Pre-Medicine, Pre-Dentistry, Pre-Optometry
All Locations

Program: Pre-Professional

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	Literature	3 - 6
	Fine Arts	3
	SPH 106 or SPH 107	3
	Additional Literature, Humanities, Fine Arts	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History	3 - 6
	Additional History, Social & Behavioral Science	6 - 9
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BIO 220	GENERAL MICROBIOLOGY	4
MTH 265	ELEMENTARY STATISTICS	3
CHM 111	COLLEGE CHEMISTRY I	4
CHM 221	ORGANIC CHEMISTRY I	4
	PHY 201-202 or PHY 213-214	8
MTH 125	CALCULUS I	4
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**19**
	Total credits for degree:	60

Transfer Guide - Pre-Professional (PPR) Pre-Veterinary Medicine
All Locations

Program: Pre-Professional

Type: Associate in Science

Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
ENG 271	WORLD LITERATURE I	3
ENG 272	WORLD LITERATURE II	3
	Fine Arts	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 115	PRECALCULUS ALGEBRA & TRIGONOMETRY	4
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 104	PRINCIPLES OF BIOLOGY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
HIS 101	WESTERN CIVILIZATION I	3
HIS 102	WESTERN CIVILIZATION II	3
	PSY 200 or SOC 200	3
	ECO 232 or POL 211	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
CHM 221	ORGANIC CHEMISTRY I	4
CHM 222	ORGANIC CHEMISTRY II	4
	PHY 201-202 or PHY 213-214	8
CIS 146	MICROCOMPUTER APPLICATIONS	3
PHL 206	ETHICS AND SOCIETY	3
	Sub-Total Credits	**17**
	Total credits for degree:	58

Transfer Guide - Pre-Professional (PPR) Pre-Pharmacy Auburn University
All Locations

Program: Pre-Professional

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
ENG 271	WORLD LITERATURE I	3
ENG 272	WORLD LITERATURE II	3
	Fine Arts	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 125	CALCULUS I	4
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
	Sub-Total Credits	**12**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
HIS 101	WESTERN CIVILIZATION I	3
HIS 102	WESTERN CIVILIZATION II	3
PSY 200	GENERAL PSYCHOLOGY	3
SOC 200	INTRODUCTION TO SOCIOLOGY	3
ECO 232	PRINCIPLES OF MICROECONOMICS	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 201	HUMAN A & P I	4
BIO 202	HUMAN A & P II	4
CHM 221	ORGANIC CHEMISTRY I	4
PHY 201	GENERAL PHYSICS I-TRIG BASED	4
MTH 265	ELEMENTARY STATISTICS	3
PHL 206	ETHICS AND SOCIETY	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**18**
	Total credits for degree:	60

Transfer Guide - Pre-Professional (PPR) Pre-Pharmacy Samford University
All Locations

Program: Pre-Professional

Type: Associate in Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
ENG 102	ENGLISH COMPOSITION II	3
	Sub-Total Credits	**6**

Area II: Literature, Humanities and Fine Arts

Item #	Title	Credits
	ENG 251 or ENG 261	
	Fine Arts	3
	SPH 106 or SPH 107	3
	REL 151 or REL 152	3
	Sub-Total Credits	**12**

Area III: Mathematics and Natural Sciences

Item #	Title	Credits
MTH 112	PRECALCULUS ALGEBRA	3
CHM 111	COLLEGE CHEMISTRY I	4
CHM 112	COLLEGE CHEMISTRY II	4
	Sub-Total Credits	**11**

Area IV: History, Social & Behavioral Science

Item #	Title	Credits
	History, U.S. History or Western Civilization	6
PSY 200	GENERAL PSYCHOLOGY	3
	Additional Social and Behavioral Sciences	3
	Sub-Total Credits	**12**

Area V: Pre-Professional, Major & Electives
Choose a minimum of 19 hours

Item #	Title	Credits
BIO 103	PRINCIPLES OF BIOLOGY I	4
BIO 201	HUMAN A & P I	4
BIO 202	HUMAN A & P II	4
BIO 220	GENERAL MICROBIOLOGY	4
CHM 221	ORGANIC CHEMISTRY I	4
CHM 222	ORGANIC CHEMISTRY II	4
MTH 125	CALCULUS I	4
MTH 265	ELEMENTARY STATISTICS	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	PE Activities Course	2
	Sub-Total Credits	**19**
	Total credits for degree:	60

Health Sciences

The Health Science Division offers programs of study leading to the Associate in Applied Science degree in Nursing, Long-term Certificate in Practical Nursing, and Short-term Certificates in Paramedic, Emergency Medical Technician Basic, Emergency Medical Technician Advanced, and Surgical Technology. Certificates of Completion for non-credit, which are one semester, are offered in phlebotomy. The Workforce Development Division at the College also offers a Certificate of Completion in Nursing Assistant, and Dental Assisting.

The majority of programs require that students, upon program completion, pass a test given by a licensure board in order to practice within the discipline. Students should be aware that final determination of eligibility to sit for examination is made by the licensure board after review of the candidate's application and that Bevill State Community College has no control over the decisions of the licensure boards. Other factors may affect eligibility for licensing such as conviction of a criminal offense; conviction of a felony; drug/alcohol abuse or treatment for dependency on alcohol/illegal chemical substances; conviction of driving under the influence of drugs/alcohol and are treatment of mental illness.

Admission to the College does not guarantee admission to a specific health science program of study, as these programs have additional requirements that must be met. Students should carefully review the specific programs of study to determine the requirements and/or the academic course prerequisites/corequisites. Also, the Health Science programs of study have specific ACT and/or Placement Test scores required for admission.

The College is committed to the health and welfare of the students enrolled in the Health Science programs of study. Therefore, various immunization and medical requirements are mandated with enrollment in a program or course. **Health Science courses require students to carry health insurance, which is the responsibility of the student.** Malpractice insurance is also required and will be included as a fee, payable with the student's tuition. **Health Science programs of study require drug screening, background checks, and testing fees, the costs of which are also the responsibility of the student.** In addition, housing, travel, parking, and meal expenses while involved in clinical activities are the responsibility of the student.

Clinical facilities utilized by the Health Science programs require drug screening and criminal background checks declaring that the student has no positive drug screens and no criminal history. Therefore, a background check will be required prior to enrollment in the Health Science programs and drug screens will be conducted prior to assigned clinicals as well as randomly throughout student's enrollment during assigned clinicals. The cost of the background check and drug screens related to cause will be the responsibility of the student. Background checks will be required for all new program admits (mobility, re-admits, etc.) and program transfers if background check is older than one calendar year. Violation of Health Science policies pertaining to a student's positive drug screen and/or a positive background check will result in the student being denied admission to any Health Science program or when already enrolled, the result will be the student's immediate dismissal from the enrolled Health Science program. **A dismissal from any Health Science program for disciplinary or unsafe client care will result in a student being ineligible for readmission to any Health Science program offered at Bevill State.**

Programs of study within the Health Science Division require specific essential mental and physical capabilities if the student is to be successful. Essential functions for each Health Science program of study are available on the Bevill State website (www.bscc.edu).

NOTE: Bevill State's Health Science Division makes every effort to include relevant, timely and accurate information in the Catalog. However, the Health Science Division reserves the right to make changes in the calendar, admissions policies, expenses, programs, curricula, course descriptions or any other matters addressed or not addressed in this publication. Prospective students and enrolled students should check with college admission officers and academic advisors to learn of any such changes. Also, updates are included in the online version of the Catalog. See **www.bscc.edu/catalog**.

Nursing

Nursing Degrees

Nursing
All Locations

The nursing curriculum design is based on conceptual learning to facilitate transfer of knowledge, facilitate collaborative and active learning, focus on problems, foster systematic observations, and focus on nursing actions and interdisciplinary efforts and foster understanding of relationships. The concept-based learning approach helps learners to extrapolate meanings from one concept to another and identify commonalities.

Courses have been carefully planned to provide the student with a continuity of learning experiences. Content is organized in a spiraling manner from simple to complex, building on previous learning and adding new information, while allowing for continual review.

Students will obtain a practical nursing certificate after successful completion of NUR 112, NUR 113, NUR 114, and NUR 115 during the first three semesters of the program. The last two semesters will incorporate more advanced concepts required to ensure competency of the associate degree nurse.

Admission Criteria

1. Unconditional admission to the college (Application must be updated if student did not attend BSCC the previous semester).
2. Original transcripts from all colleges attended must be in the Office of Student Services by the nursing application deadline. Unlike routine college admission, the nursing department does not allow one semester to receive transcripts. Transcripts must be sent by the institution directly to the BSCC Central Records Office.
3. A complete nursing application must be submitted online via the BSCC college Website.
4. A minimum of 18 ACT composite score (writing component not required), National or Residual, is required and ACT results must be attached to the nursing application. There is no expiration date on ACT for this nursing application.
5. A minimum of 2.5 GPA is required on a 4.0 scale based on the nursing required academic core courses. The core college courses are English Composition 1, Intermediate College Algebra, Anatomy & Physiology I, Anatomy and Physiology II, Microbiology, Human Growth & Development, Speech and a Humanities Elective (Art or Music Appreciation, Philosophy, Ethics, Religion, or a foreign language).
6. A minimum of 2.5 cumulative GPA is required for high school students without prior college work (GED acceptable).
7. Eligibility is required for English Composition I, Intermediate College Algebra, and Anatomy & Physiology I if not previously taken.
8. Good standing with the College.
9. Meet the Essential Functions for nursing.
10. Name of application is current legal name and matches copy of photo ID and name in BSCC system.

Associate degree nursing graduates are encouraged to consider the RN to BSN and/or the RN to BSN/MSN degree offered at four- year universities. To be considered for admission to the RN to BSN track, students may contact their BSCC nursing advisor or the RN Mobility Track advisor at a four-year institution to inquire about additional academic core courses and admission requirements.

Graduation
To receive an Associate in Applied Science Degree in Nursing, a student must meet the following requirements:

1. File an application for graduation with the Office of Student Services.
2. Clear all obligations with the College.
3. Students must successfully complete required Nursing curriculum with a grade of "C" (2.0 GPA) or better

Program: Nursing

Type: AAS Degree

First Semester

Item #	Title	Credits
BIO 201	HUMAN A & P I	4
MTH 100	INTERMEDIATE COLLEGE ALGEBRA	3
ORI 107	STUDENT SURVIVAL SKILLS	1
NUR 112	FUNDAMENTAL CONCEPTS OF NURSING	7
	Sub-Total Credits	**15**

Second Semester

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
BIO 202	HUMAN A & P II	4
PSY 210	HUMAN GROWTH AND DEVELOPMENT	3
NUR 113	NURSING CONCEPTS I	8
	Sub-Total Credits	**18**

Third Semester

Item #	Title	Credits
	Speech	3
NUR 114	NURSING CONCEPTS II	8
NUR 115	EVIDENCE BASED CLINICAL REASONING	2
	Sub-Total Credits	**13**

Fourth Semester

Item #	Title	Credits
BIO 220	GENERAL MICROBIOLOGY	4
NUR 211	ADVANCED NURSING CONCEPTS	7
	Sub-Total Credits	**11**

Fifth Semester

Item #	Title	Credits
	Humanities/Fine Arts Elective	3
NUR 221	ADVANCED EVIDENCE BASED CLINICAL REASONING	7
	Sub-Total Credits	**10**
	Total credits for degree:	67

Nursing Mobility: LPN & Paramedic to ADN
All Locations

Upon successful completion of NUR 209, students will be awarded 15 hours of non-traditional credit.

LPN to RN students who completed the concept based curriculum within one academic year from start of mobility program nursing courses, are exempt from taking NUR 209. These students will enter the nursing mobility program at NUR 211.

PROGRESSION: Students with two non-progressions in the mobility program must reapply and be accepted to start over in NUR 209, even if the student started the program in NUR 211. Students may elect to apply to the ADN program from the beginning.

Program: Nursing

First Semester — Required Pre-Requisite Classes
NOTE: Valid, unencumbered Alabama PN license or Paramedic license is required. Non-nursing applicants must provide a nurse aide certification with certification within the past 24 months

Alabama Department of Public Health (ADPH) Certified Nurse Aide Registry (https://dph1.adph.state.al.us/NurseAideRegistry/**)**

Item #	Title	Credits
BIO 201	HUMAN A & P I	4
MTH 100	INTERMEDIATE COLLEGE ALGEBRA	3
ORI 107	STUDENT SURVIVAL SKILLS	1
ENG 101	ENGLISH COMPOSITION I	3
BIO 202	HUMAN A & P II	4
PSY 210	HUMAN GROWTH AND DEVELOPMENT	3
	Speech	3
	Sub-Total Credits	**21**

First Semester

Item #	Title	Credits
NUR 209	CONCEPTS FOR HEALTHCARE TRANSITION STUDENTS	10
	Sub-Total Credits	**10**

Second Semester

Item #	Title	Credits
BIO 220	GENERAL MICROBIOLOGY	4
NUR 211	ADVANCED NURSING CONCEPTS	7
	Sub-Total Credits	**11**

Third Semester

Item #	Title	Credits
	Humanities/Fine Arts Elective	3
NUR 221	ADVANCED EVIDENCE BASED CLINICAL REASONING	7
	Sub-Total Credits	**10**
	Total credits for degree:	52

Nursing Program Policies

In order to continue in the nursing program, the student must:

1. Maintain a grade of "C" or better in all required general education and nursing courses and maintain a 2.0 cumulative GPA at current institution.

2. Complete all required general education courses according to the Alabama Community College System (ACCS) Nursing Education curriculum unless completed prior to admission. Any exceptions must be approved by the Dean of Health Sciences.

3. Maintain ability to meet essential functions for nursing with or without reasonable accommodations.

4. Maintain current CPR certification; American Heart Association (AHA) at the health care provider level.

5. Complete all nursing courses in the prescribed sequence. If a student withdraws or makes a “D” or an “F” in a nursing course, the student cannot progress in the nursing course sequence until the course is repeated successfully. **Course repetition will be based on instructor availability and program resources.**

6. Adhere to the Bevill State Conduct Code and the Code of Ethics for Professional Nurses. **Nursing faculty reserves the right at any time to require the dismissal of any student whose conduct or clinical performance is regarded as unsatisfactory. In such situations, an "F” will be entered on the student’s transcript. Students receiving an "F" for this reason will not be eligible for readmission into any Health Science program at Bevill State.**

7. The nursing faculty reserves the right to withdraw any student from the program if a clinical agency refuses to allow that student clinical experiences.

8. Submit a satisfactory health physical & immunization upon admission. The TB skin test and flu vaccine annually.

9. Maintain health insurance coverage throughout the program.

10. Adhere to current program attendance policy.

11. Obtain the required Bevill State student uniform.

12. Complete the required program semester hours to qualify for graduation. Some variation is allowed to accommodate transfer credit for colleges on a quarter hour system. An overall 2.0 GPA is required for graduation. Requirements for graduation are outlined in the College Catalog.

13. Function within the scope of practice as defined by the current Alabama Board of Nursing Nurse Practice Act.

14. There shall be no auditing allowed for Nursing classes.

Nursing Non-Progression
Nursing non-progression is defined as failure of one or more courses in a semester OR withdrawal (for any reason) from one or more courses in two separate semesters. Two instances of non- progression will result in dismissal from the nursing program. Students will be required to apply for program admission as a new student and must submit all application criteria. If accepted as a new student the student must take, or retake all nursing program courses.

Reinstatement
Reinstatement is defined by ACCS as: Students who have withdrawal or failure in a nursing course and are eligible to return to that course will be considered for reinstatement to the program. Students who experience nursing non-progression in the nursing program and who desire reinstatement in the program must apply for reinstatement to the program by **scheduling an appointment with the appropriate campus division chair** to discuss the reinstatement process.

Reinstatement to the program will be allowed one time only. A student must **request reinstatement within one year from the term of non-progression to be eligible for reinstatement.** Students dismissed from the program for disciplinary reasons and/or unsafe client care in the clinical area will NOT be allowed reinstatement to the nursing program. Students must adhere to nursing curriculum and program policies and procedures in effect at the time of reinstatement.

In order to be reinstated, a student must:

1. Verify student compliance with admission criteria to nursing program. This includes ACT of 18 or higher, Nursing academic GPA of 2.5, and BSCC GPA of 2.0 at the time of readmission.
2. Based on clinical space availability at the particular campus where non-progression occurred, rank order final course average to two decimal places.
3. If there are clinical spaces available to meet each request for readmission, all students will be approved to reenter the nursing course where the non-progression occurred.
4. All readmissions must occur within a calendar year from the semester where the non-progression occurred.
5. According to ACCS nursing program policies, any student with 2 non-progressions during an admission cycle must re-start the nursing curriculum at the beginning.
6. Meet acceptable criteria for placement at clinical agencies for clinical experiences.
7. Demonstrate current American Heart Association CPR at the health care provider level.
8. Failure to follow these procedures may result in denial of reinstatement to the program.

9. Any changes in the program curriculum, admissions criteria, or procedures will be applicable upon the student's reinstatement.
10. Students are required to update all drug testing and background screening according to program policy.

Readmission
Readmission is defined by ACCS as: Students not eligible for program reinstatement may apply for program admission as a new student. If accepted as a new student, the student must take or retake all nursing program courses.

Transfer Student Admission
This transfer policy applies only to students desiring to transfer between ACCS institutions.

Students wishing to transfer must:

1. Meet the minimum admission standards for the nursing program and demonstrate competency as defined by the instructor (see #12).

2. Possess a GPA of 2.0 in all nursing program required courses taken at another institution at time of transfer. Nursing course credit will only be accepted from accredited nursing programs.

3. Dean/Director of previous nursing program must provide a letter of eligibility for progression in previous nursing program.

4. Be a student in good standing and eligible to return to the previous nursing program.

5. Comply with all program policy requirements at accepting institution.

6. Complete at least 25 percent of the nursing program required courses for degree/ certificate at the accepting institution.

7. Acceptance of transfer students into nursing programs is limited by the number of faculty and clinical facilities available. Meeting minimal standards does not guarantee acceptance.

8. Applicants must possess certain physical and mental abilities to meet the required essential functions of the nursing program. A list of Essential Functions is available in the nursing office or www.bscc.edu in the Nursing Student Handbook.

9. Applicants must meet program health requirements.

10. The Nursing Director will make recommendations to the Dean of Health Sciences for acceptance of prior nursing course(s) credit.

11. Must meet acceptability criteria for placement at clinical agencies for clinical experience.

12. Transfer students will be required to pass a dose calculation exam at 100%. Only one re-test will be allowed. After successful completion of the dose calculation exam, a written nursing skills exam must be passed at 80% or higher. Students will then be required to satisfactorily check off nursing procedures in the college campus lab under the supervision of a faculty member. The required skills include but are not limited to: head-to-toe physical assessment, sterile urinary catheter insertion, sterile suctioning, injection sites, medication administration, nasogastric tube intubation.

Transient Student Policy
The transient policy applies only to students desiring to enroll as a transient student in Alabama Community College System institutions.

It does not apply to students wishing to enroll as a transient student at other institutions.

Criteria for Transient Status
1. Must meet minimum admission standards for the nursing program.

2. Must possess a GPA of 2.0 in all nursing program required courses taken at another institution.

3. Dean/Director of previous nursing program must provide a letter of eligibility for progression in previous nursing program.

4. A student seeking enrollment as a transient student must follow procedures in place at both the parent institution and the receiving college. Additionally, the student must receive prior approval for the parent institution's nursing program dean/director for any nursing courses taken on a transient basis as well as approval from the nursing program dean/director of the receiving college to enroll.

5. Transient students must complete a Transcript Request Form at the end of the term before a transcript will be issued to the primary institution.

6. Must comply with all program policy requirements at accepting institution.

7. Must meet acceptability criteria for placement at clinical agencies for a clinical experience.

8. Acceptance of transient student into a nursing program is limited by the number of faculty and clinical facilities available. Meeting minimal standards does not guarantee acceptance.

9. Student selection for transient status is based on GPA in nursing program required courses.

Dismissal Policy
A dismissal from any Health Science program for disciplinary or unsafe client care will result in a student being ineligible for readmission to any Health Science program offered at Bevill State.

Health Requirements
1. Nursing faculty reserve the right to require, at any time, proof of a student's physical, mental, and/or emotional health. The nursing faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the nursing program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform nursing skills effectively.

2. Clinical agencies/facilities require the school to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens will be conducted throughout the curriculum. If a drug screen is non-negative, the student will be immediately dismissed from the nursing program.

3. **A student who is hospitalized/treated for any existing health problem which may physically or emotionally impair their ability to provide safe and competent clinical care, must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.**

4. A completed health form must be submitted to the Division Chair/Coordinator. In addition, students must comply with any additional health requirements of clinical agencies.

5. All students must present verification of health insurance as part of compliance certification, as well as maintain their health insurance coverage throughout enrollment in the nursing curriculum.

Tardiness
Regular and punctual attendance is required. A student who is not in the class/lab/clinical at its beginning will be counted tardy. Three tardies will count as one absence according to Nursing policy. A detailed description may be found in the nursing program policy.

Attendance
It is the student's responsibility to be aware of the exact number of absences in each class. If absences exceed the number of times a class/lab/clinical meets per week, the student will fail the course which, subsequently, will prevent the student from progressing in the curriculum.

Grading Scale
Students may earn the following grades in nursing courses:

- A: 90 to 100
- B: 80 to 89
- C: 75 to 79
- D: 60 to 74
- F: 59 and below

Test scores are not rounded to the next whole number (i.e. 78.6 is 78.6). Only the final course grade is rounded – 0.5 or higher is raised to the next whole number.

FAILURE TO COMPLY WITH ANY OF THE ABOVE STIPULATIONS/POLICIES WHILE IN THE NURSING PROGRAM CONSTITUTES GROUNDS FOR DISMISSAL FROM THE PROGRAM.

Licensure Information
It is imperative that nursing students meet the legal, moral, and legislative standards which are utilized to determine acceptable behavior for the nurse (RN/PN). Each prospective nursing student should be aware of the Alabama Board of Nursing's regulations regarding the review of applicants for eligibility for initial and continuing licensure.

According to the Nurse Practice Act. Licenses §34-21-25(b)(1) The board may also deny, revoke, or suspend any license issued by it or otherwise discipline a licensee upon proof of any of the following regarding the licensee:

1. Is guilty of fraud or deceit in process or attempting to procure a license.
2. Has been convicted of a felony.
3. Is guilty of a crime involving moral turpitude or of gross immorality that would tend to bring reproach upon the nursing profession.
4. Is unfit or incompetent due to the use of alcohol, or is addicted to the use of habit-forming drugs to such an extent as to render him or her unsafe or unreliable as a licensee.
5. Is unable to safely practice nursing with reasonable skill and safety to patients by reason of illness, inebriation, excessive use of drugs, narcotics, alcohol, chemicals, or any other substance, or as a result of any mental or physical condition.
6. Has been convicted of any violation of a federal or state law relating to controlled substances.
7. Is guilty of unprofessional conduct of character likely to deceive, defraud, or injure the public in matters pertaining to health.
8. Has willfully or repeatedly violated this article, as defined by board rules and regulations.

Students who complete the program meet the educational qualifications of the Alabama Board of Nursing for writing the National Council Licensure Examination (NCLEX-RN/PN). However, completion of the academic program in no way assures the student of eligibility to write the exam or of licensure. The final decision for eligibility to write the NCLEX is made by the Alabama Board of Nursing after review of the candidates application.

Qualifications of Applicants for Licensure
Qualifications of applicants for licensure is outlined in the Alabama Board of Nursing Administrative Code 610-X-4-.02.

1. The applicant for licensure shall:
    1. Be a high school graduate or the equivalent, as determined by the Board.
    2. Be of good moral character. A criminal background check may be conducted by the Board at its discretion.
    3. For registered nurse licensure, graduated or successfully completed all requirements for graduation from an approved registered nursing program in Alabama, or an approved registered nursing program located in another jurisdiction or territory that substantially meets the same educational criteria as Alabama programs. Licensure by equivalency does not meet the requirement.
    4. For practical nurse licensure, graduated or successfully completed an approved practical nursing program in Alabama, or an approved practical nursing program located in another jurisdiction or territory that substantially meets the same educational criteria as Alabama programs. Licensure by equivalency does not meet the requirement.
2. An applicant shall provide a valid social security number prior to the Board issuing a license.
3. Be a citizen or legal resident of the United States. Individuals who are not legally present in the United States are not eligible for licensure.

For further information regarding program requirements, contact the nursing program department located on any Bevill State campus.

Paramedic

The Paramedic Program offers several options. It is recommended that the student consult the EMS faculty for advising regarding the different options.

Paramedic
Sumiton Campus

Sumiton Campus

Admission Requirements/Program Policy
Applicants must be 18 years old, possess a GED or high school diploma and complete all general college application requirements. Applicants must comply with the Essential Functions of the program and provide a current (within the last 6 months) physical exam including up-to-date immunizations. The student must provide verification of current health insurance. Applicants must adhere to the Alabama Department of Public Health Administrative Code, Chapter 420-2-1. Applicants must possess a valid, current CPR card.

This program is designed to provide the training necessary for successful completion of the requirements for Paramedic, to enable the student to take the National Registry of Paramedics Exam, and, if successful, to obtain an Alabama license. The program goal is to prepare competent entry-level Paramedics in the cognitive, psychomotor, and affective domains. The length of the program is five semesters.

1. Clinical agencies/facilities require the College to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens may be conducted throughout the curriculum. If a drug screen is non-negative, the student will be immediately dismissed from the Paramedic program.
2. If there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance, or speech, the student will be dismissed from the Paramedic program immediately.
3. Certain clinical facilities utilized by the Paramedic program require criminal background checks declaring that the student has no criminal history. Therefore, a background check will be required upon enrollment in the program. The cost of the background check/affidavit will be the responsibility of the student. Issues pertaining to a student's positive background check may result in the student being denied admission to or dismissal from the Paramedic program.
4. Paramedic program faculty reserve the right to require, at any time, proof of a student's physical, mental, and/or emotional health. All students must be able to perform the Essential Functions. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the Paramedic program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.
5. A student who is treated or hospitalized for any health problem must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.
6. A completed health form must be submitted. In addition, students must comply with any additional health requirements of clinical agencies.
7. All students must present verification of health insurance coverage before attending the first scheduled clinical day, as well as maintain this health insurance coverage throughout the program of study.
8. Dismissal from the program will result in a student being ineligible for readmission to the Paramedic program or any other Health Science program offered at Bevill State.
9. The grading scale is A: 92-100; B: 83-91; C: 75-82; F: 74-Below.
10. At no time will a student be substituted for staff during a hospital or prehospital clinical.
11. There is no advanced placement, experimental learning credit, or challenge for EMS courses.
12. EMS courses are progressive during the semester and each course must be successfully completed to continue into the following semester.

Program: Paramedic

Type: AAS Degree

General Studies Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
MTH 116	MATHEMATICAL APPLICATIONS	3
BIO 103	PRINCIPLES OF BIOLOGY I	4
PSY 200	GENERAL PSYCHOLOGY	3
	Sub-Total Credits	**17**

Field of Concentration Courses

Item #	Title	Credits
EMS 118	EMERGENCY MEDICAL TECHNICIAN	9
EMS 119	EMERGENCY MEDICAL TECHNICIAN CLINICAL	1
EMS 155	ADVANCED EMERGENCY MEDICAL TECHNICIAN	7
EMS 156	ADVANCED EMERGENCY MEDICAL TECHNICIAN CLINICAL	2
EMS 241	PARAMEDIC CARDIOLOGY	3
EMS 242	PARAMEDIC PATIENT ASSESSMENT	2
EMS 244	PARAMEDIC CLINICAL I	1
EMS 245	PARAMEDIC MEDICAL EMERGENCIES	3
EMS 246	PARAMEDIC TRAUMA MANAGEMENT	3
EMS 247	PARAMEDIC SPECIAL POPULATIONS	2
EMS 248	PARAMEDIC CLINICAL II	3
EMS 253	PARAMEDIC TRANSITION TO THE WORKFORCE	2
EMS 254	ADVANCED COMPETENCIES FOR THE PARAMEDIC	2
EMS 255	PARAMEDIC FIELD PRECEPTORSHIP	5
EMS 256	PARAMEDIC TEAM LEADERSHIP	1
EMS 257	PARAMEDIC APPLIED PHARMACOLOGY	2
	Sub-Total Credits	**48**
	Total credits for degree:	65

Paramedic Short Term Certificate (EM3)
Sumiton Campus

Admission Requirements
Applicants must be 18 years old, possess a GED or high school diploma and complete all general college application requirements. Applicants must comply with the Essential Functions of the program and provide a current (within the last 6 months) physical exam including up-to-date immunizations. The student must provide verification of current health insurance. Applicants must adhere to the Alabama Department of Public Health Administrative Code, Chapter 420-2-1. Applicants must possess a valid or current CPR card.

There are three entry points to this program:

1. Successfully completed EMT.
2. Successfully completed EMT and Advanced EMT.
3. Completed all academic courses, hold an associate degree or higher and possess an Alabama healthcare provider license acceptable to the program.

This program is designed to provide the training necessary for successful completion of the requirements for Paramedic, to enable the student to take the National Registry of EMTs Paramedic Exam, and, if successful, to obtain an Alabama Paramedic license. The length of the program is three semesters.

1. Clinical agencies/facilities require the school to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens will be conducted throughout the curriculum. If a drug screen is non-negative, the student will be immediately dismissed from the Paramedic program.
2. If there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance, or speech, the student will be dismissed from the Paramedic program immediately.
3. Certain clinical facilities utilized by the Paramedic program require criminal background checks declaring that the student has no criminal history. Therefore, a background check will be required upon enrollment in the program. The cost of the background check will be the responsibility of the student. Issues pertaining to a student's positive background check may result in the student being denied admission to or dismissal from the Paramedic program.
4. Paramedic program faculty reserves the right to require, at any time, proof of a student's physical, mental, and/or emotional health. All students must be able to perform the Essential Functions. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the Paramedic program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.
5. A student who is treated or hospitalized for any health problem must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.
6. A completed health form must be submitted. In addition, students must comply with any additional health requirements of clinical agencies.
7. All students must present verification of health insurance coverage before attending the first scheduled clinical day, as well as maintain this health insurance coverage throughout the program of study.
8. Dismissal from the program will result in a student being ineligible for readmission to the Paramedic program or any other Health Science program offered at Bevill State.
9. The grading scale is A: 92-100; B: 83-91; C: 75-82; F: 74-Below
10. At no time will a student be substituted for staff during a hospital or prehospital clinical.
11. There is no advance placement, experiential learning credit, or challenge for EMS courses.
12. EMS Courses are progressive during the semester and each course must be successfully completed to continue into the following semester.
13. Students must possess National Registry of EMT (NREMT) certification at the EMT level to be eligible to take the Paramedic certification.

Upon completion of program requirements students must pass licensure exam for employment purposes.

Program: Paramedic

Type: Short-Term Certificate

Field of Concentration Courses
ORI 107 is a pre/co-requisite for this degree.

Item #	Title	Credits
EMS 241	PARAMEDIC CARDIOLOGY	3
EMS 242	PARAMEDIC PATIENT ASSESSMENT	2
EMS 244	PARAMEDIC CLINICAL I	1
EMS 245	PARAMEDIC MEDICAL EMERGENCIES	3
EMS 246	PARAMEDIC TRAUMA MANAGEMENT	3
EMS 247	PARAMEDIC SPECIAL POPULATIONS	2
EMS 248	PARAMEDIC CLINICAL II	3
EMS 253	PARAMEDIC TRANSITION TO THE WORKFORCE	2
EMS 254	ADVANCED COMPETENCIES FOR THE PARAMEDIC	2
EMS 255	PARAMEDIC FIELD PRECEPTORSHIP	5
EMS 256	PARAMEDIC TEAM LEADERSHIP	1
EMS 257	PARAMEDIC APPLIED PHARMACOLOGY	2
	Sub-Total Credits	**29**
	Total credits for degree:	29

Advanced - Emergency Medical Technician EMT Short Term Certificate (EM2)
Sumiton Campus

Fayette, Hamilton & Sumiton Campuses

Admission Requirements
Applicants must be 18 years old, possess a GED or high school diploma and complete all general college application requirements. Applicants must comply with the Essential Functions of the program and provide a current (within the last 6 months) physical exam including up-to-date immunizations. Upon entry into the program the student must provide verification of current health insurance. Applicants must adhere to the Alabama Department of Public Health Administrative Code, Chapter 420-2-1. Applicants must possess a valid, current CPR card.

1. Clinical agencies/facilities require the College to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens will be conducted throughout the curriculum. If a drug screen is non-negative, the student will be immediately dismissed from the EMT program.
2. If there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance, or speech, the student will be dismissed from the EMT program immediately. Certain clinical facilities utilized by the EMT program require criminal background checks declaring that the student has no criminal history. Therefore, a background check will be required upon enrollment in the EMT program. The cost of the background check will be the responsibility of the student. Issues pertaining to a student's positive background check may result in the student being denied admission to or dismissal from the EMT program.
3. Emergency Medical Technician faculty reserves the right to require, at any time, proof of a student's physical, mental, and/or emotional health. All students must be able to perform the Essential Functions. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.
4. There is no advance placement, experiential learning credit, or challenge for EMS courses.
5. EMS courses are progressive during the semester and each course must be successfully completed to continue into the following semester.

Upon completion of program requirements students must pass licensure exam for employment purposes.

Program: Paramedic

Type: Short-Term Certificate

Field of Concentration Courses - Advanced EMT
ORI 107 is a pre/co-requisite for this certificate.

Item #	Title	Credits
EMS 155	ADVANCED EMERGENCY MEDICAL TECHNICIAN	7
EMS 156	ADVANCED EMERGENCY MEDICAL TECHNICIAN CLINICAL	2
	Sub-Total Credits	**9**
	Total credits for degree:	9

Emergency Medical Technician EMT Short Term Certificate (EM1)
Sumiton Campus

Fayette, Hamilton & Sumiton Campuses

Admission Requirements
Applicants must be 18 years old, possess a GED or high school diploma and complete all general college application requirements. Applicants must comply with the Essential Functions of the program and provide a current (within the last 6 months) physical exam including up-to-date immunizations. Upon entry into the program the student must provide verification of current health insurance. Applicants must adhere to the Alabama Department of Public Health Administrative Code, Chapter 420-2-1.

1. Clinical agencies/facilities require the College to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens will be conducted throughout the curriculum. If a drug screen is positive, the student will be immediately dismissed from the EMT program.
2. If there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance, or speech, the student will be dismissed from the EMT program immediately.
3. Certain clinical facilities utilized by the EMT program require criminal background checks declaring that the student has no criminal history. Therefore, a background check will be required prior to enrollment in the EMT program. The cost of the background check will be the responsibility of the student. Issues pertaining to a student's positive background check may result in the student being denied admission to or dismissal program from the EMT program.
4. Emergency Medical Technician faculty reserves the right to require, at any time, proof of a student's physical, mental, and/or emotional health. All students must be able to perform the Essential Functions. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.
5. A student who is hospitalized for any existing health problem must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.
6. A completed health form must be submitted to the EMS Program Director. In addition, students must comply with any additional health requirements of clinical agencies.
7. All students must present verification of health insurance coverage before attending the first scheduled class day, as well as maintain this health insurance coverage throughout the program of study.
8. A dismissal from the EMT program will result in a student being ineligible for readmission to the EMT program or any other Health Science program offered at Bevill State.
9. At no time will a student be substituted for staff during a hospital or prehospital clinical.
10. There is no advance placement, experiential learning credit, or challenge for EMS courses.

Upon completion of program requirements students must pass licensure exam for employment purposes.

Program: Paramedic

Type: Short-Term Certificate

Field of Concentration Courses - EMT
ORI 107 is a pre/co-requisite for this certificate.

Item #	Title	Credits
EMS 118	EMERGENCY MEDICAL TECHNICIAN	9
EMS 119	EMERGENCY MEDICAL TECHNICIAN CLINICAL	1
	Sub-Total Credits	**10**
	Total credits for degree:	10

Surgical Technology

Surgical Technology
Sumiton Campus

The goal of Bevill State Community College's Surgical Technology Program is to produce knowledgeable graduates who have developed the essential behaviors of the profession, are prepared to successfully complete the National Board for Surgical Technology Certification Exam, and can perform as skilled entry-level surgical technologists. The program will accomplish this through education in the cognitive (knowledge), psychomotor (skills), and affective (attitude) learning domains. The program provides the qualified and motivated applicant with learning experiences that are supportive and responsive to individual needs. These experiences are facilitated by qualified faculty and/or preceptors and are designed to help students learn to apply theory to practice.

Effective July 1, 2011 colleges are required to disclose certain information for any Title IV eligible program that prepares students for gainful employment (as defined by the US Department of Education) in a recognized occupation. The Surgical Technology program has been identified as a Gainful Employment program. Disclosure information about the programs can be found at http://www.bscc.edu/SurgTechGainful

Admission Requirements
Applicants must possess a GED or high school diploma, complete all general application requirements for admission to the College and score at least a 4 in writing and 200 in math on the Accuplacer exam or have a 16 composite score on the ACT exam. Accuplacer test scores are waived for applicants with a grade of "C' or higher for English 101 and Math 116 or higher. Students must be in good standing at the College possessing an overall GPA of 2.0. There is also a separate Surgical Technology online application that must be completed when applying to the surgical technology program. Eligible students may be required to interview with the program director and faculty as part of the admissions process. Students are scored during the interview using a scoring rubric. All applicants will be notified by mail of admission decisions.

1. Clinical agencies/facilities require the College to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens will be conducted throughout the curriculum. If a drug screen is positive, the student will be immediately dismissed from the SUR program.

2. If there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance, or speech, the student will be dismissed from the SUR program immediately.

3. Certain clinical facilities utilized by the SUR program require criminal background checks declaring that the student has no criminal history. Upon conditional admission to the Surgical Technology program, a clear background check will be required before registration in the Surgical Technology program will be complete. The cost of the background check will be the responsibility of the student. Issues pertaining to a student's positive background check will result in the student being denied admission to the SUR program.

4. SUR faculty reserves the right to require, at any time, proof of a student's physical, mental, and/or emotional health. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the SUR program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.

5. A student who is hospitalized for any existing health problem must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.

6. A completed health form must be submitted and cleared prior to registration. In addition, students must comply with any additional health requirements of clinical agencies.

7. All students must present verification of health insurance coverage prior to registration, as well as maintain this health insurance coverage throughout the program of study.

8. A dismissal from the SUR program will result in a student being ineligible for readmission to the SUR program or any other Health Science program offered at Bevill State.

Clinical requirements per core curriculum:
The minimum number of clinical cases which must be completed is 120.Students are required to complete at least 30 cases in General Surgery. Twenty of these cases must be in the first scrub role. Students are required to complete at least 90 cases in various surgical specialties. At least 60 of these cases must be in the first scrub role and evenly distributed between a minimum of 5 surgical specialties. However, 15 is the maximum number of cases that can be counted in any one surgical specialty. The surgical technology program is required to verify through the surgical case log the student1s progression in first and second scrubbing surgical procedures and the levels of difficulty as the student moves forward toward entry level graduate abilities. Diagnostic endoscopy cases and vaginal delivery cases are not mandatory. However, up to 10 diagnostic cases and 5 vaginal delivery cases can be counted towards the maximum number of second scrub role cases. Observation cases must be documented, but do not count towards the 120 cases.

Program: Surgical Technology

Type: Short-Term Certificate

Field of Concentration Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
SUR 107	SURGICAL ANATOMY & PHYSIOLOGY	3
SUR 100	PRINCIPLES OF SURGICAL TECHNOLOGY	5
SUR 102	APPLIED SURGICAL TECHNIQUES	4
SUR 103	SURGICAL PROCEDURES	5
SUR 104	SURGICAL PRACTICUM I	4
SUR 105	SURGICAL PRACTICUM II	5
SUR 106	ROLE TRANSITION IN SURGICAL TECHNOLOGY	1
SUR 208	SPECIAL TOPICS IN SURGICAL TECHNOLOGY	1
	Sub-Total Credits	**29**
	Total credits for degree:	29

Phlebotomy

Phlebotomy (MLT)
Fayette, Hamilton, & Sumiton Campuses

Non-collegiate Award

Laboratory Phlebotomy courses are designed to train individuals to properly collect and handle blood specimens for laboratory testing and to interact with health care personnel, patients, and the general public. The courses are designed to prepare individuals to write the Clinical Laboratory Phlebotomist Examination.

Admission Requirements
Applicants must possess a GED or high school diploma and complete all general application requirements. Students must be admitted to the College. Prior to clinical placement the student must show proof of hospitalization insurance.

1. Clinical agencies/facilities require the College to provide evidence that student participants are not under the influence of drugs or alcohol. Students will be required, at their own expense, to have an initial drug screen at a time and place determined by the faculty prior to entering clinicals. In addition, random drug screens may be conducted throughout the curriculum. If a drug screen is positive, the student may be immediately dismissed from the program. Also, if there is reasonable cause to believe a student is in violation of the institutional conduct code, such as observable changes in behavior, performance, appearance or speech, the student will be dismissed from the program immediately.

2. Faculty reserves the right to require, at any time, proof of a student's physical, mental, and/or emotional health. The faculty may require students to receive, at the student's expense, counseling and/or medical treatment in order to continue in the program. If treatment is required, the student must provide documentation from the attending physician/primary healthcare provider of the student's ability to perform skills effectively.

3. A student who is hospitalized/treated for any existing health problem which may physically or emotionally impair their ability to provide safe and competent client care, must submit a statement from the physician/primary healthcare provider indicating ability to continue in clinicals and/or the program.

4. A completed health form is required. In addition, students must comply with any additional health requirements of clinical agencies.

5. All students must provide verification of health insurance coverage and maintain this health insurance coverage throughout the program of study.

6. Certain clinical facilities utilized by the Phlebotomy program require criminal background checks declaring that the student has no criminal history. Therefore, a background check will be required prior to enrollment in the program. The cost of the background check will be the responsibility of the student. Issues pertaining to a student's positive background check may result in the student being denied admission to the Phlebotomy program.

7. Documentation validating recent Tb skin test & HepB immunization must be submitted to the course instructor prior to placement in assigned clinical. In addition, students must comply with any additional health requirements of clinical agencies.

8. Upon completion of the course of study, students will be eligible but not required to take the ASPT certification exam.

9. Tuition is not covered by Federal Pell Grant, but may be covered by the G.I. Bill, Vocational Rehabilitation or a GED tuition waiver.

10. A primary health care provider must sign that the applicant meets the essential functions.

Program: Phlebotomy (MLT)

Field of Concentration Courses

Item #	Title	Credits
MLT 101	PHLEBOTOMY CERTIFICATION	3
MLT 102	PHLEBOTOMY CLINICAL	4
	Sub-Total Credits	**7**
	Total credits for degree:	7

Career Technical Education

The Career Technical Education Division is responsible for all non- health related skills training in the College service area. The Division is tasked with offering comprehensive workforce and community development service training to support the needs of the communities served. The Division offers programs of study that lead to Associate in Applied Science (AAS) degrees, long-term certificates, short-term certificates, and certificates of completion.

The Associate in Applied Science degree is awarded to students who complete the requirements of a specific career or professional program of study. These programs of study range from 60 to 76 semester hours in length with approximately 40% of the programs designed to ensure competency in oral and written communication, critical thinking, computer literacy, mathematical principles and/or scientific reasoning. The remaining approximately 60% of the program contains courses designed to ensure competency in a specific career field. Additional information regarding programs of study in career technical fields can be obtained from this catalog or the specific career technical advisor, who is available to assist students in the advising and registration process.

Long-term certificates are awarded in most programs where the Associate in Applied Science are offered, as well as other career fields where the AAS degree is not offered. Long-term certificates are of varied length from 30 to 60 semester hours depending on the choice of career fields. The general education component of the certificate program contains, as a minimum, three semester hours each in written composition, mathematics, computer literacy skills, and speech. In general, long-term certificates contain most, if not all, of the technical career courses that are required in the Associate in Applied Science degree.

Short-term certificates are available in most career fields where AAS degrees and/or long-term certificates are already offered. The short- term certificates vary in length from 9 to 29 semester hours and are designed to allow the student to acquire career training in a short amount of time. Only minimal academic education requirements are included.

Career Technical students are also given the opportunity to participate in the CO-OP/ Internship program. The CO-OP/ Internship program is designed to be an organized and planned work experience for the purpose of extending training to a student in his/her chosen career path, while at the same time providing the participating business with additional part-time personnel. A student is only eligible for an internship after meeting specific program prerequisites. The required amount of internship training time varies for individual programs and follows the semester schedule of the College. The student is interviewed by the prospective employer, and if hired as an intern, is expected to follow procedures and policies of the company. Students who are interested in participating in the CO-OP/Internship program should contact their program advisor.

Programs of study within the Career Technical Division require specific essential mental and physical capabilities if the student is to be successful. Essential functions for each Career Technical program of study are available in each career technical instructor's office and the Bevill State website - www.bscc.edu.

ATTENDANCE POLICY

Class attendance is considered an essential part of the educational process at Bevill State. The College subscribes to the philosophy that a student's academic progress is directly proportional to class attendance. Class attendance will be recorded from the first day of the student's official enrollment. Bevill State expects students to participate in all scheduled instructional classes and laboratory periods, regardless of the mode of delivery. Students are expected to be in class on time and to attend a minimum of 90% of the total class contact hours, including laboratory hours, for each course to be eligible to receive a passing grade. The instructor should inform the students how many absences this would mean for a specific class. If it becomes necessary for a student to withdraw from a course or from the College, it is the student's responsibility to complete the College's approved withdrawal process. If a student exceeds the 10% limit on absences, the instructor may: (1) withdraw the student from the class with a grade of "W" if the withdrawal occurs before mid- term; (2) withdraw the student after mid-term from the class with a grade of either "WP" if passing or "WF" if failing; or (3) examine any extenuating circumstances and allow the student to continue the class and make up the work.

Each student should be punctual. It is an interruption to the class for a student to arrive late. Instructors have the discretion to consider a late arrival or early departure, without the permission of the instructor, as an absence or some percentage counting toward an absence. For example, a faculty member may consider a late arrival as 1/3 of an absence.

It is recognized that from time to time, extenuating circumstances may prevent a student from being able to attend a class. If the student misses a test or in-class assignment because of such an absence, makeup assignments may be given at the instructor's discretion. It is the student's responsibility to inquire about making up the work missed during any absence. However, there is no requirement that the instructor provide the opportunity for a makeup.

The following guidelines are provided for instructors who are willing to extend an opportunity for makeup work for absences resulting from extenuating circumstances.

1. Absences that occur because of emergencies (e.g., accidents, illness, court appearance, or death of an immediate family member) will be excused with proper notification to the instructor. Proper notification requires documentation as determined by the instructor. Examples include a copy of an accident report, a hospital admittance form, a doctor's excuse, subpoena or a death announcement. When possible, the student or appropriate representative of the student (doctor, lawyer, hospital official, parent, spouse, etc.) should provide notification prior to the class that is to be missed.
2. Absences that occur as a result of Federal or State statutes will be excused upon proper notification to the instructor. Proper notification requires documentation as determined by the instructor.

Career Technical Education Programs

Air Conditioning & Refrigeration Technology (ACR) Program

Hamilton & Sumiton Campuses

Heating and air-conditioning systems control the temperature, humidity, and the total air quality in residential, commercial, industrial, and other buildings. By providing a climate controlled environment, refrigeration systems make it possible to store and transport food, medicine, and other perishable items. Heating, Air-conditioning, and Refrigeration Technicians install, maintain, and repair such systems. Because heating, ventilation, air-conditioning, and refrigeration systems often are referred to as HVACR systems, these workers also may be called HVACR technicians. The Air Conditioning and Refrigeration program at Bevill State is designed to teach basic theories and provide a working knowledge of air conditioning and heating for both comfort and environmental considerations. Graduates will be able to enter the fields of planning, installing, operating, and maintaining all types of heating, air conditioning and refrigeration equipment. The program is approved by the Alabama Board of Heating, Air Conditioning, and Refrigeration for the Alabama Contractor's License Exam.

(Occupational Outlook Handbook)

NOTE: Check with an advisor for program and course location by campus.

Air Conditioning & Refrigeration Technology (ACR) Degrees and Certificates

Associate In Applied Science Degree (ACR)
Hamilton & Sumiton Campuses

Program: Air Conditioning & Refrigeration Technology (ACR)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
ACR 111	PRINCIPLES OF REFRIGERATION	3
ACR 112	HVAC/R SERVICE PROCEDURES	3
ACR 113	REFRIGERATION PIPING PRACTICES	3
ACR 119	FUNDAMENTALS OF GAS HEATING SYSTEMS	3
ACR 121	PRINCIPLES OF ELECTRICITY FOR HVAC/R	3
ACR 122	HVAC/R ELECTRICAL CIRCUITS	3
ACR 123	HVAC/R ELECTRICAL COMPONENTS	3
ACR 128	HEAT LOAD CALCULATIONS	3
ACR 132	RESIDENTIAL AIR CONDITIONING	3
ACR 135	MECHANICAL/GAS/SAFETY CODES	3
ACR 147	REFRIGERATION TRANSITION & RECOVERY THEORY	3
ACR 148	HEAT PUMPS SYSTEMS I	3
ACR 203	COMMERCIAL REFRIGERATION	3
	Sub-Total Credits	**39**

Field of Study Electives
Select 4 courses from the following offerings:

Item #	Title	Credits
ACR 120	FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS	3
ACR 126	COMMERCIAL HEATING SYSTEMS	3
ACR 127	HVAC/R ELECTRIC MOTORS	3
ACR 133	DOMESTIC REFRIGERATION	3
ACR 144	BASIC DRAWING AND BLUEPRINT READING IN HVAC	3
ACR 192	HVAC Apprenticeship/Internship	3
ACR 200	REVIEW FOR CONTRACTORS EXAM	3
ACR 209	COMMERCIAL AIR CONDITIONING SYSTEMS	3
ACR 210	TROUBLESHOOTING HVAC/R SYSTEMS	3
WKO 110	NCCER CORE	3
	Sub-Total Credits	**12**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**
	Total credits for degree:	67-68

Long-Term Certificate (ACR)
Hamilton & Sumiton Campuses

Program: Air Conditioning & Refrigeration Technology (ACR)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
ACR 111	PRINCIPLES OF REFRIGERATION	3
ACR 112	HVAC/R SERVICE PROCEDURES	3
ACR 113	REFRIGERATION PIPING PRACTICES	3
ACR 119	FUNDAMENTALS OF GAS HEATING SYSTEMS	3
ACR 121	PRINCIPLES OF ELECTRICITY FOR HVAC/R	3
ACR 122	HVAC/R ELECTRICAL CIRCUITS	3
ACR 123	HVAC/R ELECTRICAL COMPONENTS	3
ACR 128	HEAT LOAD CALCULATIONS	3
ACR 132	RESIDENTIAL AIR CONDITIONING	3
ACR 147	REFRIGERATION TRANSITION & RECOVERY THEORY	3
ACR 148	HEAT PUMPS SYSTEMS I	3
	Sub-Total Credits	**33**

Field of Study Electives
Select 3 courses from the following offerings

Item #	Title	Credits
ACR 120	FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS	3
ACR 126	COMMERCIAL HEATING SYSTEMS	3
ACR 127	HVAC/R ELECTRIC MOTORS	3
ACR 133	DOMESTIC REFRIGERATION	3
ACR 134	ICE MACHINES	3
ACR 144	BASIC DRAWING AND BLUEPRINT READING IN HVAC	3
ACR 192	HVAC Apprenticeship/Internship	3
ACR 200	REVIEW FOR CONTRACTORS EXAM	3
ACR 209	COMMERCIAL AIR CONDITIONING SYSTEMS	3
ACR 210	TROUBLESHOOTING HVAC/R SYSTEMS	3
WKO 110	NCCER CORE	3
	Sub-Total Credits	**9**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Sub-Total Credits	**6**
	Total credits for degree:	49

Air Conditioning & Refrigeration Technology (ACR) Classes

ACR 111: PRINCIPLES OF REFRIGERATION
This course emphasizes the fundamental principles for air conditioning and refrigeration. Instruction is provided in the theory and principles of refrigeration and heat transfer, HVAC/R system components, common, and specialty tools for HVAC/R, and application of the concepts of basic compression refrigeration. Upon completion, students should identify system components and understand their functions, identify and use common and specialty HVAC/R tools, and maintain components of a basic compression refrigeration system.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 112: HVAC/R SERVICE PROCEDURES
This course covers system performance checks and refrigerant cycle diagnosis. Emphasis is placed on the use of refrigerant recovery/recycle units, industry codes, refrigerant coils and correct methods of charging and recovering refrigerants. Upon completion, students should be able to properly recover/recycle refrigerants and demonstrate safe, correct service procedures which comply with the no-venting laws.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 113: REFRIGERATION PIPING PRACTICES
This course introduces students to the proper installation procedures of refrigerant piping and tubing for the heating, ventilation, air conditioning and refrigeration industry. This course includes various methods of working with and joining tubing. Upon completion, students should comprehend related terminology and be able to fabricate pipe, tubing, and pipe fittings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 119: FUNDAMENTALS OF GAS HEATING SYSTEMS
This course provides instruction on general service and installation for common gas furnace system components. Upon completion, students will be able to install and service gas furnaces in a wide range of applications.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 120: FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS
This course covers the fundamentals of electric furnace systems. Emphasis is placed on components, general service procedures and basic installation. Upon completion, students should be able to install and service electric furnaces, heat pumps and solar and hydronics systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 121: PRINCIPLES OF ELECTRICITY FOR HVAC/R
This course is designed to provide the student with the basic knowledge of electrical theory and circuitry as it pertains to air conditioning and refrigeration. This course emphasizes safety, definitions, symbols, laws, circuits, and electrical test instruments. Upon completion, students should understand and be able to apply the basic principles of HVAC/R circuits and circuit components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 122: HVAC/R ELECTRICAL CIRCUITS
This course introduces the student to electrical circuits and diagrams. Electrical symbols and basic wiring diagrams are constructed in this course. Upon completion, students should understand standard wiring diagrams and symbols and be able to construct various types of electrical circuits.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 123: HVAC/R ELECTRICAL COMPONENTS
This course introduces students to electrical components and controls. Emphasis is placed on the operations on motors, relays, contactors, starters, and other HVAC electrical components. Upon completion, students should be able to install electrical components and determine their proper operation.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 126: COMMERCIAL HEATING SYSTEMS
This course covers the theory and application of larger heating systems. Emphasis is placed on larger heating systems associated with commercial applications such as gas heaters, boilers, unit heaters and duct heaters. Upon completion, students should be able to troubleshoot and perform general maintenance on commercial heating systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 127: HVAC/R ELECTRIC MOTORS
This course covers the basic maintenance of electric motors used in HVAC/R systems. Topics include types of motors, motor operations, motor installation and troubleshooting motors. Upon completion, students should be able to install and service HVAC/R electric motors.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 128: HEAT LOAD CALCULATIONS
This course focuses on heat flow into and out of building structures. Emphasis is placed on determining heat gain/heat loss of a given structure. Upon completion, students should be able to calculate heat load and determine HVAC equipment size requirements.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 132: RESIDENTIAL AIR CONDITIONING
This course introduces students to residential air conditioning systems. Emphasis is placed on the operation, service, and repair of residential air conditioning systems. Upon completion, students should be able to service and repair residential air conditioning systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 133: DOMESTIC REFRIGERATION
This course covers domestic refrigerators and freezers. Emphasis is placed on installation, removal, and maintenance of components. Upon completion, students should be able to service and adjust domestic refrigeration units.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 134: ICE MACHINES
This course introduces students to commercial ice machines. Emphasis is placed on components, electrical and mechanical operation sequences, control adjustment procedures, preventive maintenance, repairs, and installation procedures. Upon completion, student should be able to install, service and repair commercial ice machines.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 135: MECHANICAL/GAS/SAFETY CODES
This course is to enhance the student knowledge of the International Fuel Gas Code and International Mechanical Code as well as fire and job safety requirements. Emphasis is placed on code book content and compliance with installation requirements. Upon completion, students should be able to apply code requirements to all work.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 144: BASIC DRAWING AND BLUEPRINT READING IN HVAC
This course covers basic drawing and
blueprint reading as applied to the HVAC industry. Emphasis is on three-view drawings, basic duct systems, and isometric piping. Upon course completion, students should be able to perform basic drawings related to HVAC systems and read pertinent blueprints.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 147: REFRIGERATION TRANSITION & RECOVERY THEORY
This course is EPA-approved and covers material relating to the requirements necessary for type I, II, and III universal certifications. Upon completion, students should be prepared to take the EPA 608 certification examination.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 148: HEAT PUMPS SYSTEMS I
Instruction received in this course centers around the basic theory and application of heat pump systems and components. Upon completion, students will be able to install and service heat pumps in a wide variety of applications.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 200: REVIEW FOR CONTRACTORS EXAM
This course prepares students to take the State Certification Examination. Emphasis is placed on all pertinent codes, piping procedures, duct design, load calculation, psychometrics, installation procedures, and air distribution. Upon completion, students should be prepared to take the contractors exam.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 203: COMMERCIAL REFRIGERATION
This course focuses on commercial refrigeration systems. Emphasis is placed on evaporators, condensers, compressors, expansion devices, special refrigeration components and application of refrigeration systems. Upon completion students should be able to service and repair commercial refrigeration systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 209: COMMERCIAL AIR CONDITIONING SYSTEMS
This course focuses on servicing and maintaining commercial and residential HVAC/R systems. Topics include system component installation and removal and service techniques. Upon completion, the student should be able to troubleshoot and perform general maintenance on commercial and residential HVAC/R systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 210: TROUBLESHOOTING HVAC/R SYSTEMS
This course provides instruction in the use of various meters and gauges used in the HVAC/R industry. Emphasis is placed on general service procedures, system diagnosis, and corrective measure, methods of leak detection, and system evacuation, charging and performance checks. Upon completion, students should be able to perform basic troubleshooting of HVAC/R systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

Advanced Engineering Design Technology (EDT) Program

Hamilton & Sumiton Campuses

The Advanced Engineering Design Technology (DDT)program, prepares individuals to apply basic engineering principles and technical skills to the identifications and resolution of production problems in the manufacture of products. The courses offer instructional skills for engineering technicians in design through 2-D and 3-D concepts in mechanical and architectural design, computer- aided manufacturing (CAM), additive manufacturing, planning. Bevill State graduates in Advanced Engineering Design Technology will obtain the essential skill to link engineering and manufacturing. Preparing them for entry into the workplace of CAD/CAM engineering design, planning, and additive manufacturing.

Advanced Engineering Design Technology (EDT) Degrees and Certificates

Associate In Applied Science Degree (EDT)
Hamilton & Sumiton Campuses

Program: **Advanced Engineering Design Technology (EDT)**

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**

Required Courses

Item #	Title	Credits
ADM 101	PRECISION MEASUREMENT	3
DDT 244	ADVANCED 3D MODELING	3
DDT 104	BASIC COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 111	FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY	3
DDT 124	BASIC TECHNICAL DRAWING	3
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 128	INTERMEDIATE TECHNICAL DRAWING	3
DDT 131	MACHINE DRAFTING BASICS	3
DDT 132	ARCHITECTURAL DRAFTING	3
DDT 144	BASIC 3D MODELING	3
DDT 211	INTERMEDIATE MACHINE DRAFTING	3
DDT 212	INTERMEDIATE ARCHITECTURAL DRAFTING	3
DDT 233	INTERMEDIATE 3D MODELING	3
DDT 238	SPECIAL TOPICS IN CAD	3
	Sub-Total Credits	**42**

Electives
Choose Three Courses (12 Hours)

Item #	Title	Credits
ADM 162	ADDITIVE MANUFACTURING PROCESS-POLYMERS	3
AET 191	BUILDING INFORMATION MODELING (BIM)	3
DDT 236	DESIGN PROJECTS	3
DDT 244	ADVANCED 3D MODELING	3
DDT 115	BLUEPRINT READING FOR MACHINISTS	3
DDT 116	BLUEPRINT READING FOR CONSTRUCTION	3
DDT 215	GEOMETRIC DIMENSIONING & TOLERANCING	3
DDT 133	BASIC SURVEYING	3
	Sub-Total Credits	**12**
	Total credits for degree:	70-71

Additive Engineering Technology Short-Term Certificate
Hamilton & Sumiton Campuses

Program: Advanced Engineering Design Technology (EDT)

Type: Short-Term Certificate

Required Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
ADM 162	ADDITIVE MANUFACTURING PROCESS-POLYMERS	3
DDT 144	BASIC 3D MODELING	3
DDT 233	INTERMEDIATE 3D MODELING	3
	ADM/DDT Elective	3
	Sub-Total Credits	**13**
	Total credits for degree:	13

Advanced Engineering Design Technology Short-Term Certificate
Hamilton & Sumiton Campuses

Program: Advanced Engineering Design Technology (EDT)

Type: Short-Term Certificate

Required Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
ADM 101	PRECISION MEASUREMENT	3
DDT 144	BASIC 3D MODELING	3
ADM 261	REVERSE ENGINEERING	3
DDT 211	INTERMEDIATE MACHINE DRAFTING	3
	ADM/DDT Elective	3
	Sub-Total Credits	**16**
	Total credits for degree:	16

Architectural Engineering Technology Short-Term Certificate
Hamilton & Sumiton Campuses

Program: Advanced Engineering Design Technology (EDT)

Type: Short-Term Certificate

Required Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 132	ARCHITECTURAL DRAFTING	3
DDT 212	INTERMEDIATE ARCHITECTURAL DRAFTING	3
DDT 238	SPECIAL TOPICS IN CAD	3
	AET/DDT Elective	3
	Sub-Total Credits	**16**
	Total credits for degree:	16

Engineering Design Technology Short-Term Certificate (EDT)
Hamilton & Sumiton Campuses

Program: Advanced Engineering Design Technology (EDT)

Type: Short-Term Certificate

Required Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
DDT 104	BASIC COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 111	FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY	3
DDT 124	BASIC TECHNICAL DRAWING	3
DDT 128	INTERMEDIATE TECHNICAL DRAWING	3
DDT 131	MACHINE DRAFTING BASICS	3
	Sub-Total Credits	**19**
	Total credits for degree:	19

Advanced Engineering Design Technology (EDT) Classes

DDT 104: BASIC COMPUTER AIDED DRAFTING AND DESIGN
This course provides an introduction tobasic Computer Aided Drafting and Design (CADD) functions and techniques, using hands-on applications. Topics include terminology, hardware, basic CADD and operating system functions, file manipulation, and basic CADD software applications in producing softcopy and hardcopy.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 111: FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY
This course serves as an introduction to the field of drafting and design and provides a foundation for the entire curriculum. Topics include safety, lettering, tools and equipment, geometric constructions, and orthographic sketching, and drawing.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 115: BLUEPRINT READING FOR MACHINISTS
This course provides the students with terms and definitions, theory of orthographic projection, and other information required to interpret drawings used in the machine trades. Topics include multiview projection, pictorial drawings, dimensions and notes, lines and symbols, and sketching. Upon completion, students should be able to interpret blueprint drawings used in the machine trades.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 116: BLUEPRINT READING FOR CONSTRUCTION
This course provides the students with terms and definitions, theory or orthographic projection, and other information required to interpret drawings used in the construction trades. Topics include multiview projection, dimensions and notes, lines and symbols, sketching, foundations plans, site plans, floor plans, elevations, sections, details, schedules, electrical plans and specifications. Upon completion, students should be able to interpret blueprint drawings used in the construction and building trades.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 117: MANUFACTURING PROCESSES
This course in materials and processes includes the principles and methodology of material selection, application, and manufacturing processes. Emphasis is directed to solids to include material characteristics, castings, forging, and die assemblies. Upon completion, students should be able to discuss and understand the significance of materials' properties, structure, basic manufacturing processes, and express and interpret material specifications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 118: BASIC ELECTRICAL DRAFTING
This course covers the universal language of electrical drafting, including electrical lines, symbols, abbreviations, and notation. Emphasis is place on typical components such as generators, controls, transmission networks, and lighting, heating, and cooling devices. Upon completion, students should be able to draw basic diagrams of electrical and electronic circuits using universally accepted lines and symbols.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 124: BASIC TECHNICAL DRAWING
This course covers sections, auxiliary views, and basic space geometry. Emphasis will be placed on the theory as well as the mechanics of applying sections, basic dimensioning, auxiliary views, and basic space geometry.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 125: SURFACE DEVELOPMENT
This course covers sections, auxiliary views, and basic space geometry. Emphasis will be placed on the theory as well as the mechanics of applying sections, basic dimensioning, auxiliary views, and basic space geometry.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 127: INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN
This course covers intermediate-level concepts and applications of CADD. Emphasis will be placed on intermediate-level features, command, and applications of CADD software.CORE

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 128: INTERMEDIATE TECHNICAL DRAWING
This course is designed to develop a strong foundation in common drafting and design practices and procedures. Topics include dimensioning concepts and pictorial drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 130: FUNDAMENTALS OF DRAFTING FOR RELATED TRADES
This course is an applications lab for the theory of related trades drafting. Topics include civil, piping, electronic and welding drawings. Upon completion, students should be able to produce drawings to convey basic information related to these fields.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 131: MACHINE DRAFTING BASICS
This course in machine drafting and design provides instruction in the largest speciality area of drafting in the United States, in terms of scope and job opportunities. Emphasis will be placed on the applications of multi-view drawings, including drawing organization and content, title blocks and parts lists, assembly drawings, detail drawings, dimensioning and application of engineering controls in producing industrial-type working drawings. Upon completion, students should be able to organize, layout, and produce industrial-type working drawings, including the application of title blocks, parts lists, assemblies, details, dimensions, and engineering controls.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 132: ARCHITECTURAL DRAFTING
This course in architectural design and drafting introduces basic terminology, concepts and principles of architectural design and drawing. Topics include design considerations, lettering, terminology, site plans, and construction drawings. Upon completion, students should be able to draw, dimension, and specify basic residential architectural construction drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 133: BASIC SURVEYING
This course covers the use of surveying instruments, mathematical calculations and the theory of land surveying. Topics include USGS benchmarks, measuring horizontal and vertical angles and distances, terms, and recording and interpreting field notes. Upon completion, students should be able to recognize benchmarks and measure, specify, and record field notes.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 134: DESCRIPTIVE GEOMETRY
This course is designed to teach the fundamental concepts of descriptive geometry with an emphasis on logical reasoning, visualization, and practical applications. Topics include orthographic projection, points and lines in space, auxiliary views, plane representation, intersecting and non-intersecting lines, piercing and intersecting planes, plane development, and calculations. Upon completion, students should be able to project and intersect points, lines, and planes, with their relationships in space.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 139: FUNDAMENTALS OF DRAFTING FOR RELATED TRADES LAB
This course is an applications lab for the theory of related trades drafting. Topics include civil, piping, electronic and welding drawings. Upon completion, students should be able to produce drawings to convey basic information related to these fields.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 144: BASIC 3D MODELING
This course is an introduction to 3D solid modeling techniques utilizing featurebased, constraint-based parametric design. This course encourages the student to visualize parts in the 3D world and have a “design intent” plan for each part in which they will design. Upon completion of the course students should be able to create basic 3D models and 2D working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 150: THEORY OF RESIDENTIAL DRAWING AND DESIGN
This course provides the theory of residential drawing and design. Topics include architectural styles, house design, site and space planning, environment, drawing requirements, construction materials and process, terminology, and specific types of drawings required to complete a full set of construction documents. Introductory and intermediate level topics are covered. Emphasis is placed on an understanding of the various issues and requirements essential to the field of residential drawing and design.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 181: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 182: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 183: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 191: DRAFTING INTERNSHIP
This course is designed for those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 5 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 192: DRAFTING INTERNSHIP
This course is limited to those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 10 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 2
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 2
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 193: DRAFTING INTERNSHIP
This course is limited to those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 15 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 211: INTERMEDIATE MACHINE DRAFTING
This second course in machine drafting and design provides more advanced instruction in the largest speciality area of drafting. Topics include applications of previously developed skills in the organization and development of more complex working drawings, use of vendor catalogs and the Machinery’s Handbook for developing specifications, and use of standardized abbreviations in working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 212: INTERMEDIATE ARCHITECTURAL DRAFTING
This second course in architectural design and drafting continues with more advanced and detailed architectural plans. Topics include interior elevations, plot plans, and interior details. Upon completion, students should be able to draw and specify advanced level plans including various architectural details.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 213: CIVIL DRAFTING PLAT MAPS
This course introduces the drafting practices, symbols, conventions, and standards utilized in civil engineering contract documents. Topics include site planning, land surveying, topographic surveys, along with civil terminology. Upon completion, students should be able to draw accurate plat maps giving legal descriptions of land parcels, draw simple site plans, and identify and use proper symbols and conventions on civil engineering drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 214: PIPE DRAFTING
This course covers the theory and practical applications necessary to understand piping fundamentals as used in refineries and petrochemical plants. Topics include process and mechanical flow diagrams, plant equipment, isometric drawings, instrumentation symbols, pipe symbols, flanges, fittings, and applications of basic math and trigonometry. Upon completion, students should be able to demonstrate pipe drafting techniques and fundamentals in order to prepare working drawings used in refineries and the petrochemical industrial environment.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 215: GEOMETRIC DIMENSIONING & TOLERANCING
This course is designed to teach fundamental concepts of size description by geometric methods including appropriate engineering controls. Emphasis is placed on the drawing and application of common geometric dimensioning and tolerancing symbols to engineering drawings as designated by the latest ANSI/ASME Standards. Upon completion, students should be able to use geometric dimensioning and tolerancing symbols in applying size information and manufacturing controls to working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 216: DESIGN OF STRUCTURAL WOOD MEMBERS
This course provides structural theory and rule-to-thumb design for structural wood members. Joists, beams, girders, rafters, posts, and columns are designed as related to residential and light commercial needs. Bending moment, shear, and slenderness rations are discussed as well as code requirements and rule-of-thumb. Emphasis is placed upon competency.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 220: ADVANCED TECHNICAL DRAWING
This course covers the method of providing size description and manufacturing information for production drawings. Emphasis will be placed on accepted dimensioning and tolerancing practices, including Geometric Dimensioning and Tolerancing for both the Customary English System and the ISO system, fasteners, and welding symbols. Upon completion students should be able to apply dimensions, tolerances, and notes to acceptable standards, including GDT and produce drawings using and specifying common threads and fasteners including welding methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 222: ADVANCED ARCHITECTURAL DRAFTING
This third course in architectural design and drafting continues with advanced architectural plans, including a slant toward light commercial construction. Topics include climate control plans, application of building codes, building materials and finish specifications, cost estimating, and bid specifications. Upon completion, students should be able to apply current techniques in producing advanced-level architectural plans, including residential and light commercial applications. This course is designed to develop the knowledge and skills necessary to understand the basic components and terminology of pre-cast and poured-inplace concrete structures. Emphasis is placed on pre-cast concrete framing plans, sections, fabrication and connection details, poured-in-place concrete foundations, floor systems, and bills of material. Upon completion, students should be able to do construction engineering and shop drawings of concrete beams, column, floor, roof, and wall framing plans using the A.I.S.C. Manual and incorporating safety practices.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124, DDT 132 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 224: STRUCTURAL CONCRETE DRAFTING
This second course in machine drafting and design provides more advanced instruction in the largest speciality area of drafting. Topics include applications of previously developed skills in the organization and development of more complex working drawings, use of vendor catalogs and the Machinery's Handbook for developing specifications, and use of standardized abbreviations in working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124, DDT 131 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 225: STRUCTURAL STEEL DRAFTING
This course covers the theory and practical applications necessary to understand the basic design and terminology of structural steel components used in light commercial buildings. Emphasis is placed on structural steel drafting techniques, bolted and welded connections, framing plans, sections, fabrication and connection details, and bills of material. Upon completion, students should be able to produce engineering and shop drawings incorporating standard shapes, sizes, and details using the A.I.S.C. Manual and incorporating safety practices.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 226: TECHNICAL ILLUSTRATION
This course provides the student with various methods of illustrating structures and machine parts. Topics include axonometric drawings; exploded assembly drawings; one point, two point, and three point perspectives; surface textures; and renderings. Upon completion, students should be able to produce drawings and illustrations using the previously described methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 227: STRENGTH OF MATERIALS
This course in statics and strength of materials includes the study of forces and how they act and react on bodies and structures. Topics include the effects of forces as found in structures and machines under conditions of equilibrium, how materials resist forces, strengths of common construction materials and structural components. Force systems such as parallel, concurrent, and nonconcurrent are studied in co-planar and non-coplanar situations. Upon completion, students should understand and be able to apply the principles of force in engineering drawings.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 231: ADVANCED CAD
This course allows the student to plan, execute, and present results of individual projects in Advanced CAD topics. Emphasis is placed on enhancing skill attainment in Advanced CAD skill sets. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 232: CAD CUSTOMIZATION
This course introduces the various methods of customizing CAD software to meet individual or company needs. Topics include menu customizing, programming, custom command macros, script files, slides, and slide libraries. Upon completion, students should be able to customize and write menus, write programming routines, and write script files for the purpose of increasing the proficiency of the CAD operator.

Credits: 4
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 2
Prerequisites: DDT 104 and DDT 127 or DDT 231 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 233: INTERMEDIATE 3D MODELING
This course emphasizes the more advanced techniques in 3D solid modeling. It covers advanced features of part creation, part editing, and analysis. Some techniques that will be discussed are: lofting, sweeping, sheet metal part creation, interference checking and stress analysis. Upon completion of the course students should be able to create advanced 3D models and perform stress analysis/interference checking.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 235: SPECIALIZED CAD
This course allows the student to plan, execute, and present results of individual projects in Specialized CAD topics. Emphasis is placed on enhancing skill attainment in Specialized CAD skill sets. The student will be able to demonstrate and apply competencies identified by the instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 236: DESIGN PROJECTS
This course allows the student to plan, execute, and present results of an individual design project. Emphasis is placed on attainment of skills related to a project agreed upon by the instructor and student. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 237: CURRENT TOPICS IN CAD
This course allows the student to plan, execute, and present results of individual projects relating to current topics in CAD. Emphasis is placed on attainment of skills related to changes in current CAD technology. The student will be able to demonstrate and apply competencies identified by the instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 238: SPECIAL TOPICS IN CAD
This course in special CAD and multimedia topics covers special capabilities possible with CAD software, especially in conjunction with other graphical software, such as virtual "walk-throughs" or multimedia presentations. Topics include but are not limited to combining CAD software, image editing software, authoring software, and 3D software into one harmonious relationship to produce multimedia presentations. Upon completion, students should be aware of and understand how to utilize several software packages to produce multimedia presentations.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 244: ADVANCED 3D MODELING
This course is designed to challenge the imagination of the student in a three dimensional problem-solving environment using solids modeling software. The student will develop to scale computer generated parts in the 3D computer environment. They will apply modeling concepts as Constraints, Photorealistic rendering, motion activated views, introduction to 3D part libraries, add-in software components, plastic model technology and simulations. They will be introduced to the concepts of 3D design and animation, then apply those concepts to a design project. Upon completion, students should be able to create parts in 3D models, produce working drawing and understand basic simulations. Students will also print files to ".stl" format and create parts on a Direct Digital Manufacturing system or prototype.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 260: PORTFOLIO
This course includes the preparation of technical and/or architectural drawings for a portfolio presentation and a resume for portfolio presentation. Hard copy drawings as well as electronic will be discussed, finalized and developed for presentation. Upon completion, students should be able to prepare and produce a portfolio for presentation. This course includes the preparation of artwork and a resume for portfolio presentation. Topics include production of a resume and portfolio for presentation during the last semester of course work. Upon completion, students should be able to prepare and produce a resume and portfolio for presentation in both hard copy as well as electronic copy.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

Child Development (CHD) Program

Online

The Child Development program is designed to prepare students for employment as directors, teachers, or aides in preschools and day cares; aides in public schools, and teachers or aides in the Head Start Program. Courses in the program are designed to meet the State of Alabama minimum standards for Day Care Facilities and Preschools along with the national certification, Child Development Associate. All students enrolled in the Child Development program will require a criminal background check prior to designated practicum course work (please see course descriptions for designated courses). The cost of the background check will be the responsibility of the student. Issues pertaining to or resulting in positive findings in the background check will result in the student being denied enrollment.

Child Development (CHD) Degrees and Certificates

Associate In Applied Science Degree (CHD)
Online

Program: Child Development (CHD)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses
Current infant-child CPR and first aid certification may replace EMS 103

Item #	Title	Credits
CHD 100	INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN	3
CHD 201	CHILD GROWTH AND DEVELOPMENT PRINCIPLES	3
CHD 202	CHILDREN'S CREATIVE EXPERIENCES	3
CHD 203	CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT	3
CHD 204	METHODS AND MATERIALS FOR TEACHING CHILDREN	3
CHD 205	PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN	3
CHD 206	CHILDREN'S HEALTH AND SAFETY	3
CHD 209	INFANT AND TODDLER EDUCATION PROGRAMS	3
CHD 210	EDUCATING EXCEPTIONAL YOUNG CHILDREN	3
CHD 214	FAMILIES AND COMMUNITIES IN EARLY CARE AND EDUCATION PROGRAMS	3
CHD 215	SUPERVISED PRACTICAL EXPERIENCE IN EARLY CHILDHOOD EDUCATION	3
EMS 103	FIRST AID-CPR and AED	1
CHD 208	ADMINISTRATION OF CHILD DEVELOPMENT PROGRAMS	3
	Sub-Total Credits	**37**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	SPH 106 or SPH 107	3
	MTH 116 or Higher	3
PSY 200	GENERAL PSYCHOLOGY	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Natural Science Elective	4
	Sub-Total Credits	**22**
	Total credits for degree:	60

Long-Term Certificate (CHD)
Online

Program: Child Development (CHD)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses
Current infant-child CPR and first aid certification may replace EMS 103.

Item #	Title	Credits
EMS 103	FIRST AID-CPR and AED	1
CHD 100	INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN	3
CHD 201	CHILD GROWTH AND DEVELOPMENT PRINCIPLES	3
CHD 202	CHILDREN'S CREATIVE EXPERIENCES	3
CHD 203	CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT	3
CHD 204	METHODS AND MATERIALS FOR TEACHING CHILDREN	3
CHD 205	PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN	3
CHD 206	CHILDREN'S HEALTH AND SAFETY	3
CHD 214	FAMILIES AND COMMUNITIES IN EARLY CARE AND EDUCATION PROGRAMS	3
CHD 215	SUPERVISED PRACTICAL EXPERIENCE IN EARLY CHILDHOOD EDUCATION	3
CHD 208	ADMINISTRATION OF CHILD DEVELOPMENT PROGRAMS	3
	Sub-Total Credits	**31**

General Studies Courses Semester Hours

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	SPH 106 or SPH 107	3
	MTH 116 or Higher	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**12**
	Total credits for degree:	44

Short-Term Certificate (CHD)
Online

Program: Child Development (CHD)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses
Current infant-child CPR and first aid certification may replace EMS 103.

Item #	Title	Credits
EMS 103	FIRST AID-CPR and AED	1
CHD 100	INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN	3
CHD 201	CHILD GROWTH AND DEVELOPMENT PRINCIPLES	3
CHD 202	CHILDREN'S CREATIVE EXPERIENCES	3
CHD 203	CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT	3
CHD 204	METHODS AND MATERIALS FOR TEACHING CHILDREN	3
CHD 205	PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN	3
CHD 206	CHILDREN'S HEALTH AND SAFETY	3
CHD 215	SUPERVISED PRACTICAL EXPERIENCE IN EARLY CHILDHOOD EDUCATION	3
	Sub-Total Credits	**25**
	Total credits for degree:	26

Child Development (CHD) Classes

CHD 100: INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN
This course introduces the child care profession including the six functional areas of the Child Development Associate (CDA) credential. Emphasis is placed on using positive guidance techniques, setting up a classroom and planning a schedule.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 201: CHILD GROWTH AND DEVELOPMENT PRINCIPLES
This course is a systematic study of child growth and development from conception through early childhood. Emphasis is placed on principles underlying physical, mental, emotional and social development, and on methods of child study and practical implications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 202: CHILDREN'S CREATIVE EXPERIENCES
This course focuses on fostering creativity in preschool children and developing a creative attitude in teachers. Topics include selecting and developing creative experiences in language arts, music, art, science, math and movement with observation and participation with young children required.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

CHD 203: CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT
This course surveys appropriate literature and language arts activities designed to enhance young children's speaking, listening, pre-reading and writing skills. Emphasis is placed on developmental appropriateness as related to language.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 204: METHODS AND MATERIALS FOR TEACHING CHILDREN
This course introduces basic methods and materials used in teaching young children. Emphasis is placed on students compiling a professional resource file of activities used for teaching math, language arts, science and social studies concepts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

CHD 205: PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN
This course is designed to give students practice in lesson and unit planning, writing behavioral objectives, and evaluating activities taught to young children. Emphasis is placed on identifying basic aspects of cognitive development and how children learn. Upon completion students should be able to plan and implement developmentally appropriate curriculum and instructional practices based on knowledge of individual differences and the curriculum goals and content.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 206: CHILDREN'S HEALTH AND SAFETY
This course introduces basic health, nutrition and safety management practices for young children. Emphasis is placed on setting up and maintaining a safe, healthy environment for young children including specific procedures for infants and toddlers and procedures regarding childhood illnesses and communicable diseases.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 209: INFANT AND TODDLER EDUCATION PROGRAMS
This course focuses on child development from infancy to thirty months of age with emphasis on planning programs using developmentally-appropriate material. Emphasis is placed on positive ways to support an infant's social, emotional, physical and intellectual development.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 210: EDUCATING EXCEPTIONAL YOUNG CHILDREN
This course explores the many different types of exceptionalities found in young children. Topics include speech, language, hearing and visual impairments; gifted and talented children; mental retardation; emotional, behavioral, and neurological handicaps.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 214: FAMILIES AND COMMUNITIES IN EARLY CARE AND EDUCATION PROGRAMS
This course provides students with information about working with diverse families and communities. Students will be introduced to family and community settings, the importance of relationships with children, and the pressing needs of today's society. Students will study and practice techniques for developing these important relationships and effective communication skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 215: SUPERVISED PRACTICAL EXPERIENCE IN EARLY CHILDHOOD EDUCATION
This course provides a minimum of 90 hours of hands-on, supervised experience in an approved program for young children. Emphasis is placed on performance of daily duties which are assessed by the College instructor and the cooperating teacher.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

Computer Science (IT) Program

Fayette, Hamilton, & Sumiton Campuses

Information Technology has become an integral part of modern life. Among its most important functions are the efficient transmission of information and the storage and analysis of information. Computer user support specialists provide help and advice to computer users and organizations. Cyber security analysts plan and carry out security measures to protect an organization's computer networks and systems. Data scientists use specialized software to store, organize, and interpret data. Network administrators design and build data communications networks, including local area networks (LANs), wide area networks (WANs), and Intranets. Computer programmers write and test code that allows computer applications and software programs to function properly. Software developers are the creative minds behind computer programs who develop applications that allow users to complete tasks on their devices. Web developers design and create websites.
(Occupational Outlook Handbook)

NOTE: Check with an advisor for program and course location by campus.

Computer Science (IT) Degrees and Certificates

Associate In Applied Science Degree (IT)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)
Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	SPH 106 or SPH 107	3
	MTH 116 or Higher	3
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15**

Field of Study Courses

Item #	Title	Credits
CIS 146	MICROCOMPUTER APPLICATIONS	3
CIS 147	ADVANCED MICRO APPLICATIONS	3
CIS 150	INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING	3
CIS 157	Introduction to App Development with Swift	3
CIS 161	INTRODUCTION TO NETWORK COMMUNICATION	3
CIS 207	INTRODUCTION TO WEB DEVELOPMENT	3
CIS 208	WEB AUTHORING SOFTWARE	3
CIS 209	ADVANCED WEB DEVELOPMENT	3
CIS 222	DATABASE MANAGEMENT SYSTEMS	3
CIS 245	CYBER DEFENSE	3
CIS 249	MICROCOMPUTER OPERATING SYSTEMS	3
CIS 268	SOFTWARE SUPPORT	3
CIS 269	HARDWARE SUPPORT	3
	Sub-Total Credits	**39**

Select one of the following concentrations

GENERAL INFORMATION TECHNOLOGY CONCENTRATION (IT1) - Select 6 credit hours from the following:

Item #	Title	Credits
CIS 155	INTRODUCTION TO MOBILE APP DEVELOPMENT	3
CIS 159	Introduction to Graphic Design for Apps	3
CIS 171	LINUX I	3
CIS 182	Help Desk Applications	3
CIS 246	ETHICAL HACKING	3
CIS 251	C++ PROGRAMMING	3
CIS 277	Network Services Administration	3
CIS 281	SYSTEM ANALYSIS AND DESIGN	3
CIS 282	COMPUTER FORENSICS	3
CIS 284	CIS INTERNSHIP	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
	Sub-Total Credits	**6**

CYBER SECURITY CONCENTRATION (IT2)

Item #	Title	Credits
CIS 171	LINUX I	3
CIS 182	Help Desk Applications	3
CIS 246	ETHICAL HACKING	3
CIS 277	Network Services Administration	3
CIS 282	COMPUTER FORENSICS	3
	Sub-Total Credits	**15**

DATA SCIENTIST CONCENTRATION (IT7)

Item #	Title	Credits
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
CIS 251	C++ PROGRAMMING	3
CIS 281	SYSTEM ANALYSIS AND DESIGN	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
BUS 271	BUSINESS STATISTICS I	3
	Sub-Total Credits	**15**

NETWORK ADMINISTRATOR CONCENTRATION (IT4)

Item #	Title	Credits
CIS 182	Help Desk Applications	3
CIS 246	ETHICAL HACKING	3
CIS 277	Network Services Administration	3
CIS 282	COMPUTER FORENSICS	3
CIS 284	CIS INTERNSHIP	3
	Sub-Total Credits	**15**

SOFTWARE DEVELOPER CONCENTRATION (IT5)

Item #	Title	Credits
CIS 251	C++ PROGRAMMING	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
CIS 159	Introduction to Graphic Design for Apps	3
CIS 220	App Development with Swift I	3
CIS 227	App Development with Swift II	3
	Sub-Total Credits	**15**

APP DEVELOPER PLUS CONCENTRATION (IT6)

Item #	Title	Credits
CIS 159	Introduction to Graphic Design for Apps	3
CIS 220	App Development with Swift I	3
CIS 227	App Development with Swift II	3
	Sub-Total Credits	**9**

APP DEVELOPER PLUS CONCENTRATION Select 6 credit hours from the following courses:

Item #	Title	Credits
CIS 155	INTRODUCTION TO MOBILE APP DEVELOPMENT	3
CIS 171	LINUX I	3
CIS 182	Help Desk Applications	3
CIS 246	ETHICAL HACKING	3
CIS 251	C++ PROGRAMMING	3
CIS 277	Network Services Administration	3
CIS 281	SYSTEM ANALYSIS AND DESIGN	3
CIS 282	COMPUTER FORENSICS	3
CIS 284	CIS INTERNSHIP	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
	Sub-Total Credits	**6**
	Total credits for degree:	61-70

Short-Term Certificate (APP DEVELOPMENT WITH SWIFT) (IT6)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)

Type: Short-Term Certificate

The App Development with Swift Short-Term Certificate Program will provide students with the knowledge, fundamentals, and skills needed to develop apps for various types of Apple products using the Swift programming language. Students will learn how to build simple workflows and navigation hierarchies; write strings, functions, structures, collections, and loops to create programming code; design and create apps using the Xcode development environment to build and run projects using its iOS simulator; design and create graphics for app design; and design and architect projects for their own design. The curriculum was designed by Apple for students with no prior programming experience and is appropriate for students from many majors.

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
CIS 157	Introduction to App Development with Swift	3
CIS 159	Introduction to Graphic Design for Apps	3
CIS 220	App Development with Swift I	3
CIS 227	App Development with Swift II	3
	Sub-Total Credits	**13**
	Total credits for degree:	13

Short-Term Certificate (COMPUTER NETWORK SUPPORT)(IT9)
Fayette, Hamilton, & Sumiton Campuses

This STC is designed for students who want to work with computer networks and needs specific training in the areas of network communications and administration, cyber security, computer support, and help desk administration.

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 161	INTRODUCTION TO NETWORK COMMUNICATION	3
CIS 182	Help Desk Applications	3
CIS 245	CYBER DEFENSE	3
CIS 249	MICROCOMPUTER OPERATING SYSTEMS	3
CIS 268	SOFTWARE SUPPORT	3
CIS 269	HARDWARE SUPPORT	3
CIS 277	Network Services Administration	3
	Sub-Total Credits	**21**
	Total credits for degree:	22

Short-Term Certificate (COMPUTER PROGRAMMER)(IT0)
Fayette, Hamilton, & Sumiton Campuses

This short term certificate is designed to prepare students to work as computer programmers and software developers.

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 150	INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING	3
CIS 251	C++ PROGRAMMING	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
	Sub-Total Credits	**9**
	Total credits for degree:	10

Short-Term Certificate (COMPUTER USER SUPPORT)(IT8)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 249	MICROCOMPUTER OPERATING SYSTEMS	3
CIS 268	SOFTWARE SUPPORT	3
CIS 269	HARDWARE SUPPORT	3
	Sub-Total Credits	**9**
	Total credits for degree:	10

Short-Term Certificate (CYBER SECURITY) (IT2)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 245	CYBER DEFENSE	3
CIS 246	ETHICAL HACKING	3
CIS 282	COMPUTER FORENSICS	3
	Sub-Total Credits	**9**
	Total credits for degree:	10

Short-Term Certificate (DATA SCIENTIST) (IT7)
Fayette, Hamilton, & Sumiton Campuses

This short term certificate is designed to prepare the students to work as data scientists who are trained to interpret or tell stories about information. It combines training in the areas of computer programming, advanced spreadsheet and database skills, and statistics.

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 147	ADVANCED MICRO APPLICATIONS	3
CIS 222	DATABASE MANAGEMENT SYSTEMS	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
CIS 150	INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING	3
CIS 251	C++ PROGRAMMING	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
BUS 271	BUSINESS STATISTICS I	3
	Sub-Total Credits	**24**
	Total credits for degree:	25

Short-Term Certificate (INFORMATION TECHNOLOGY)(IT1)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 146	MICROCOMPUTER APPLICATIONS	3
CIS 150	INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING	3
CIS 161	INTRODUCTION TO NETWORK COMMUNICATION	3
CIS 268	SOFTWARE SUPPORT	3
CIS 269	HARDWARE SUPPORT	3
	Sub-Total Credits	**15**

Field of Study Electives
Select 9 credit hours from the following offerings:

Item #	Title	Credits
CIS 147	ADVANCED MICRO APPLICATIONS	3
CIS 155	INTRODUCTION TO MOBILE APP DEVELOPMENT	3
CIS 171	LINUX I	3
CIS 207	INTRODUCTION TO WEB DEVELOPMENT	3
CIS 208	WEB AUTHORING SOFTWARE	3
CIS 209	ADVANCED WEB DEVELOPMENT	3
CIS 222	DATABASE MANAGEMENT SYSTEMS	3
CIS 245	CYBER DEFENSE	3
CIS 246	ETHICAL HACKING	3
CIS 249	MICROCOMPUTER OPERATING SYSTEMS	3
CIS 251	C++ PROGRAMMING	3
CIS 281	SYSTEM ANALYSIS AND DESIGN	3
CIS 282	COMPUTER FORENSICS	3
CIS 285	OBJECT ORIENTED PROGRAMMING	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
	Sub-Total Credits	**9**
	Total credits for degree:	25

Short-Term Certificate (WEB DEVELOPER) (IT3)
Fayette, Hamilton, & Sumiton Campuses

Program: Computer Science (IT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
CIS 207	INTRODUCTION TO WEB DEVELOPMENT	3
CIS 208	WEB AUTHORING SOFTWARE	3
CIS 209	ADVANCED WEB DEVELOPMENT	3
	Sub-Total Credits	**9**
	Total credits for degree:	10

Computer Science (IT) Classes

CIS 146: MICROCOMPUTER APPLICATIONS
This course is an introduction to the most common microcomputer software applications. These software packages should include typical features of applications, such as word processing, spreadsheets, database.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 147: ADVANCED MICRO APPLICATIONS
This course is a continuation of CIS 146 in which students utilize the advanced features of topics covered in CIS 146. Advanced functions and integration of word processing, spreadsheets, database, and presentation packages among other topics are generally incorporated into the course and are to be applied to situations found in society and business. Upon completion, the student should be able to apply the advanced features of selected software appropriately to typical problems found in society and business. This course will help prepare students for the MOS certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade “C” or better in CIS 146.
Program: **Computer Science (IT)**

CIS 150: INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING
This course includes logic, design and problem solving techniques used by programmers and analysts in addressing and solving common programming and computing problems. The most commonly used techniques of flowcharts, structure charts, and pseudocode will be covered and students will be expected to apply the techniques to designated situations and problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 155: INTRODUCTION TO MOBILE APP DEVELOPMENT
The purpose of this course is to introduce students to various app development tools for various mobile platforms. Specific topics include: app distribution sources, mobile device operating systems, survey of app development software, process for design, build, deploying, and optimizing apps. At the conclusion of this course, students will be able to design, build, deploy, and optimize a basic app.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 157: Introduction to App Development with Swift
This introductory one-semester course is designed to help students build a solid foundation in programming fundamentals using Swift as the language. Students get practical experience with the tools, techniques, and concepts needed to build a basic iOS system.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 159: Introduction to Graphic Design for Apps
This introductory one-semester course is designed to enable students to integrate graphics for mobile app development. Students receive practical experience with tools, techniques, and concepts needed to build or incorporate basic graphics.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 161: INTRODUCTION TO NETWORK COMMUNICATION
This course is designed to introduce students to basic concepts of computer networks. Emphasis is placed on terminology and technology involved in implementing selected networked systems. The course covers various network models, topologies, communications protocols, transmission media, networking hardware and software, and network troubleshooting. Students gain hands-on experience in basic networking. This course further helps prepare students for certification. NOTE: This course is a suitable substitute for CIS 199. Additionally, CISCO I may be used as a suitable substitute for this course. However,CIS 273 will not substitute for CISCOI.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 171: LINUX I
This course presents fundamental applications in Linux. Included in this course are skills development for the OS installation and setup, recompile techniques, system configuration settings, file/folder structures and types, run levels, basic network applications, and scripting. Additionally, the course presents security from an administrative and user consideration.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 182: Help Desk Applications
The main purpose of this course is to provide students with a comprehensive understanding of the helpdesk environment and the knowledge, skills, and abilities necessary to work in the user support industry. Students will learn problem-solving and communication skills that are very valuable when providing user support. through hands-on exercises and case projects students will learn how to apply their knowledge and develop their ideas and skills.

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 207: INTRODUCTION TO WEB DEVELOPMENT
At the conclusion of this course, students will be able to use specified markup languages to develop basic Web pages.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 208: WEB AUTHORING SOFTWARE
Students utilize various Web authoring tools to construct and edit websites for a variety of applications. Upon completion students will be able to use these tools to develop or enhance websites.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 209: ADVANCED WEB DEVELOPMENT
This is an advanced Web design course emphasizing the use of scripting languages to develop interactive Web sites. Upon completion students will be able to create data driven Web sites. This course helps prepare students for the Certified Internet Webmaster (CIW) Foundations certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade “C” or better in a programming language or CIS 207 or CIS 208 or instructor approval.
Program: **Computer Science (IT)**

CIS 220: App Development with Swift I
This is the first of two courses designed to teach specific skills related to app development using Swift language.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 222: DATABASE MANAGEMENT SYSTEMS
This course will discuss database system architectures, concentrating on Structured Query Language (SQL). It will teach students how to design, normalize and use databases with SQL, and to link those to the Web.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 227: App Development with Swift II
This course focuses on building specific features for iOS apps. Students apply their knowledge and skills to developing new apps.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 245: CYBER DEFENSE
The course provides students with information on the concept of cyber defense. Topics include information relative to legal aspects of cyber attacks, threats to various levels of national and local social infrastructure, financial systems, personal data, and other direct and indirect threats. As part of this course, students explore current and historical cyber threats and U.S. policy regarding infrastructure protection.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 246: ETHICAL HACKING
The course emphasizes scanning, testing, and securing computer systems. The lab-intensive environment provides opportunities to understand how perimeter defenses work and how hackers are able to compromise information systems. With awareness of hacking strategies, students learn to counteract those attempts in an ethical manner.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 249: MICROCOMPUTER OPERATING SYSTEMS
This course provides an introduction to microcomputer operating systems. Topics include a description of the operating system, system commands, and effective and efficient use of the microcomputer with the aid of its system programs. Upon completion, students should understand the function and role of the operating system, its operational characteristics, its configuration, how to execute programs, and efficient disk and file management.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 251: C++ PROGRAMMING
This course is an introduction to the C++ programming language including object oriented programming. Topics include: problem solving and design; control structures; objects and events; user interface construction; and document and program testing.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 268: SOFTWARE SUPPORT
This course provides students with hands-on practical experience in installing computer software, operating systems, and trouble-shooting. The class will help to prepare participants for the A+ Certification sponsored by CompTIA. This course is a suitable substitute for CIS 239, Networking Software.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 269: HARDWARE SUPPORT
This course provides students with hands-on practical experience in installation and troubleshooting computer hardware. The class will help to prepare participants for the A+ Certification sponsored by CompTIA. This is a suitable substitute for CIS 240, Networking Hardware.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 277: Network Services Administration
This course provides an introductoin to the administration of fundamental networking services and protocols. Topics included in this course are implementing, and maintaining essential network operating system services such as those for client address management, name resolution, security, routing, and remote access. Students gain hands-on experience performing common network infrastructure administrative tasks.

Credits: 3
Lecture Hours: Lecture Hours 3
Prerequisites: **CIS 161**
Program: **Computer Science (IT)**

CIS 281: SYSTEM ANALYSIS AND DESIGN
This course is a study of contemporary theory and systems analysis and design. Emphasis is placed on investigating, analyzing, designing, implementing, and documenting computer systems. Upon completion, the student will be able to demonstrate knowledge of the topics through the completion of programming projects and appropriate tests.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 282: COMPUTER FORENSICS
This course introduces students to methods of computer forensics and investigations. This course helps prepare students for industry specific certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 284: CIS INTERNSHIP
This course is designed to provide the student with an opportunity to work in a degree/program related environment. Emphasis is placed on the student's "real world" work experience as it integrates academics with practical applications that relate meaningfully to careers in the computer discipline. Significance is also placed on the efficient and accurate performance of job tasks as provided by the "real world" work experience. Grades for this course will be based on a combination for the employer's evaluation of the student, and the contents of a report submitted by the student. Upon completion of this course, the student should be able to demonstrate the ability to apply knowledge and skills gained in the classroom to a "real world" work experience.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Computer Science (IT)**

CIS 285: OBJECT ORIENTED PROGRAMMING
This course is an advanced object-oriented programming course and covers advanced program development techniques and concepts in the context of an object-oriented language. Subject matter includes object-oriented analysis and design, encapsulation, inheritance, polymorphism (operator and function overloading), information hiding, abstract data types, reuse, dynamic memory allocation, and file manipulation. Upon completion, students should be able to develop a hierarchical class structure necessary to the implementation of an object-oriented software system.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 286: COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)
This course teaches the nature of computerized management information systems, problems created by the computer relative to personnel, components of computer systems, programming, and application of computers to business problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

DPT 103: INTRODUCTORY COMPUTER SKILLS II
This course is designed to focus on the development of computer skills suited to the needs of students in non-degree occupational programs. The course will generally use software packages appropriate to occupational programs and may include such topics as word processing, database, basic graphics, spreadsheet or other features typically needed in the field. Upon completion, the student will be able to demonstrate proficiency by the completion of appropriate assignments and occupation-specific applications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

Electrical Systems Technology (ELT) Program

Fayette, Hamilton, & Sumiton Campuses

Electrical Technicians install and maintain all of the electrical and power systems for homes, businesses, and manufacturers. They install and maintain the wiring and control equipment through which electricity flows. Technicians also install, calibrate, and maintain electrical equipment in a wide range of fields. Imagine an automated manufacturing line: a large conveyor system moves unfinished products down the line, robotic welding arms bond the different parts together, and hydraulic lifts move the finished products. All these complex machines need technicians to install and service them to make sure they function properly. Job opportunities for electrical technicians may include residential and commercial wiring, industrial plant operations, automated manufacturing, renewable energy resources, manufacturing engineering, and industrial electronics.

(Occupational Outlook Handbook)

NOTE: Check with an advisor for program option and course location by campus.

Electrical Systems Technology (ELT) Degrees and Certificates

Associate In Applied Science Degree (ELT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: AAS Degree

Core Requirements

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
WKO 110	NCCER CORE	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
ELT 241	NATIONAL ELECTRIC CODE	3
ILT 139	INTRODUCTION TO ROBOTIC PROGRAMMING	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
ELT 212	MOTOR CONTROL II	3
ILT 196	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
ELT 110	WIRING METHODS	3
	Sub-Total Credits	**39**

CHOOSE TWO

Item #	Title	Credits
INT 134	PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES	3
AUT 219	PLC Applications	3
ETC 103	SOLID STATE FUNDAMENTALS	3
ETC 104	DIGITAL FUNDAMENTALS	3
	Sub-Total Credits	**6**

General Studies/ORI Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**16-17**
	Total credits for degree:	61-62

Long-Term Certificate (ELT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: Long-Term Certificate

Core Courses

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 108	MOTOR CONTROLS I	3
ELT 212	MOTOR CONTROL II	3
WKO 110	NCCER CORE	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
ILT 196	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
ELT 110	WIRING METHODS	3
ETC 103	SOLID STATE FUNDAMENTALS	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
	Sub-Total Credits	**36**

General Studies/ORI Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**7**
	Total credits for degree:	43

Automated Manufacturing Short-Term Certificate (AUT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
AUT 110	DC FUNDAMENTALS	3
AUT 111	AC FUNDAMENTALS	3
AUT 130	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
AUT 114	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
AUT 139	INTRO TO ROBOTIC PROGRAMMING	3
AUT 221	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
WKO 110	NCCER CORE	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**22**
	Total credits for degree:	22

Electrical Short-Term Certificate (ELT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ELT 241	NATIONAL ELECTRIC CODE	3
ELT 110	WIRING METHODS	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
WKO 110	NCCER CORE	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**19**
	Total credits for degree:	19

Electronics Short-Term Certificate (ILT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 104	DIGITAL FUNDAMENTALS	3
ETC 103	SOLID STATE FUNDAMENTALS	3
WKO 110	NCCER CORE	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**16**
	Total credits for degree:	16

Industrial Plant Technician Short-Term Certificate (IPT)
Fayette, Hamilton, & Sumiton Campuses

Program: Electrical Systems Technology (ELT)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
INT 101	DC Fundamentals	3
INT 103	AC Fundamentals	3
INT 113	Motor Controls I	3
ELT 212	MOTOR CONTROL II	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
WKO 110	NCCER CORE	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**22**
	Total credits for degree:	22

Industrial Mechanical Maintenance Technology (INT) Program

Hamilton & Sumiton Campuses

Industrial Mechanical Maintenance Technology (INT) Degrees and Certificates

Associate In Applied Science Degree (INT)
Hamilton & Sumiton Campuses

Industrial Plant Technicians install and maintain manufacturing equipment. Technicians must be able to detect minor problems and correct them before they become larger problems. Industrial Plant Technicians use technical manuals, their understanding of the equipment, and careful observation to discover the cause of the problem. For example, after hearing a vibration from a machine, the technician must decide whether it is due to worn belts, weak motor bearings, or some other problem. Technicians are prepared to use computerized diagnostic systems and vibration analysis equipment to determine the nature of a problem. Increasingly, Industrial Plant Technicians have the electrical, electronics, and computer programming skills to repair sophisticated equipment on their own. Effective July 1, 2011 colleges are required to disclose certain information for any Title IV eligible program that prepares students for gainful employment (as defined by the US Department of Education) in a recognized occupation. The Industrial Plant Technician

Program: Industrial Mechanical Maintenance Technology (INT)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
WKO 110	NCCER CORE	3
MTT 127	INTRODUCTION TO METROLOGY	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
INT 134	PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
MTT 292	COOPERATIVE EDUCATION IN MACHINE TOOL TECHNOLOGY	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
WDT 108	SMAW FILLET/OFC	3
WDT 122	SMAW FILLET/OFC LAB	3
WDT 119	GAS METAL ARC/FLUX CORED ARC WELDING	3
MTT 181	SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY	3
	Sub-Total Credits	**48**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**
	Total credits for degree:	64-65

Long-Term Certificate (INT)
Hamilton & Sumiton Campuses

Program: Industrial Mechanical Maintenance Technology (INT)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
	MTH 116 or Higher	3
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
WKO 110	NCCER CORE	3
MTT 127	INTRODUCTION TO METROLOGY	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
INT 134	PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
MTT 292	COOPERATIVE EDUCATION IN MACHINE TOOL TECHNOLOGY	3
ENG 101	ENGLISH COMPOSITION I	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
WDT 108	SMAW FILLET/OFC	3
WDT 122	SMAW FILLET/OFC LAB	3
	Sub-Total Credits	**48**
	Total credits for degree:	49

Short-Term Certificate #1 (IN1)
Hamilton & Sumiton Campuses

Program: Industrial Mechanical Maintenance Technology (INT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
WKO 110	NCCER CORE	3
	Sub-Total Credits	**18**
	Total credits for degree:	19

Short-Term Certificate #2 (IN2)
Hamilton & Sumiton Campuses

Program: Industrial Mechanical Maintenance Technology (INT)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
MTT 127	INTRODUCTION TO METROLOGY	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
INT 134	PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
MTT 292	COOPERATIVE EDUCATION IN MACHINE TOOL TECHNOLOGY	3
	Sub-Total Credits	**15**
	Total credits for degree:	15

Industrial Mechanical Maintenance Technology (INT) Classes

INT 101: DC Fundamentals
This course provides an in depth study of direct current (DC) electronic theory. Topics include atomic theory, magnetism, properties of conductors and insulators, and characteristics of series, parallel, and series-parallel circuits. Inductors and capacitors are introduced and their effects on DC circuits are examined. Students are prepared to analyze complex DC circuits, solve for unknown circuit variables and to use basic electronic test equipment. This course also provides hands on laboratory exercises to analyze, construct, test, and troubleshoot DC circuits. Emphasis is placed on the use of scientific calculator and the operation of common test equipment used to analyze and troubleshoot DC and to prove the theories taught during classroom instruction. This is a **CORE** course.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 103: AC Fundamentals
This course provides an in depth study of alternating current (AC) electronic theory. Students are prepared to analyze complex AC circuit configurations with resistors, capacitors, and inductors in series and parallel combinations. Topics include electrical safety and lockout procedures, specific AC theory functions such as RLC, impedance, phase relationships, and power factor. Students will be able to define terms, identify waveforms, solve complex mathematical problems, construct circuits, explain circuit characteristics, identify components, and make accurate circuit measurements using appropriate measurement instruments. They should also be able to perform fundamental tasks associated with troubleshooting, repairing, and maintaining industrial AC systems.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 113: Motor Controls I
This course is a study of the construction, operating characteristics, and installation of different motor control circuits and devices. Emphasis is placed on the control of three phase AC motors. This course covers the use of motor control symbols, magnetic motor starters, running overload protection, pushbutton stations, multiple control stations, two wire control, three wire control, jogging control, sequence control, and ladder diagrams of motor control circuits. Upon completion, students should be able to understand the operation of motor starters, overload protection, interpret ladder diagrams using pushbutton stations and understand complex motor control diagrams.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 117: PRINCIPLES OF INDUSTRIAL MECHANICS
This course provides instruction in basic physics concepts applicable to mechanics of industrial production equipment. Topics include the basic application of mechanical principles with emphasis on power transmission, specific mechanical components, alignment, and tension. Upon completion, students will be able to perform basic troubleshooting, repair and maintenance functions on industrial production equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 118: FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS
This course includes the fundamental concepts and theories for the safe operation of hydraulic and pneumatic systems used with industrial production equipment. Topics include the physical concepts, theories, laws, air flow characteristics, actuators, valves, accumulators, symbols, circuitry, filters, servicing safety, and preventive maintenance functions on hydraulic and pneumatic systems.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 126: PREVENTIVE MAINTENANCE
This course focuses on the concepts and applications of preventive maintenance. Topics include the introduction of alignment equipment, job safety, tool safety, preventive maintenance concepts, procedures, tasks, and predictive maintenance concepts. Upon course completion, students will demonstrate the ability to apply proper preventive maintenance and explain predictive maintenance concepts.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 134: PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES
This course provides instruction in the fundamentals of acetylene cutting and the basics of welding needed for the maintenance and repair of industrial production equipment. Topics include oxy-fuel safety, choice of cutting equipment, proper cutting angles, equipment setup, cutting plate and pipe, hand tools, types of metal welding machines, rod and welding joints, and common welding passes and beads. Upon course completion, students will demonstrate the ability to perform metal welding and cutting techniques necessary for repairing and maintaining industrial equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 184: INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS
This course provides an introduction to programmable logic controllers. Emphasis is placed on, but not limited to, the following: PLC hardware and software, numbering systems, installation, and programming. Upon completion, students must demonstrate their ability by developing, loading, debugging, and optimizing PLC programs.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

Machine Tool Technology (MTT) Program

Hamilton & Jasper Campuses

Machinists use machine tools, such as lathes, milling machines, and grinders, to produce precision metal parts. Although they may produce large quantities of one part, precision machinists often produce small batches or one-of-a-kind items. They use their knowledge of the working properties of metals and their skill with machine tools to plan and carry out the operations needed to make machined products that meet precise specifications. Machinists first review electronic or written blueprints or specifications for a job before they machine a part. Next, they calculate where to cut or bore into the workpiece—the piece of steel, aluminum, titanium, plastic, silicon, or any other material that is being shaped.

(Occupational Outlook Handbook)

NOTE: Check with an advisor for program and course location by campus.

Machine Tool Technology (MTT) Degrees and Certificates

Associate In Applied Science Degree (MTT)
Hamilton & Jasper Campuses

Program: Machine Tool Technology (MTT)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
MTT 127	INTRODUCTION TO METROLOGY	3
MTT 270	MACHINING SKILLS APPLICATION	3
	Specialization Electives (Advisor Approved)	27
	Sub-Total Credits	**48**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**
	Total credits for degree:	64-65

Long-Term Certificate (MTT)
Hamilton & Jasper Campuses

Program: Machine Tool Technology (MTT)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
MTT 127	INTRODUCTION TO METROLOGY	3
MTT 270	MACHINING SKILLS APPLICATION	3
	Specialization Electives (Advisor Approved)	24
	Sub-Total Credits	**45**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Sub-Total Credits	**6**
	Total credits for degree:	52

Basic Machining Technology Short-Term Certificate (MTT)
Hamilton & Jasper Campuses

Program: Machine Tool Technology (MTT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
	MTT 100 or MTT 147 & 148	6
	MTT 103 or MTT 149 & 150	6
MTT 121	BASIC PRINT READING FOR MACHINISTS	3
MTT 127	INTRODUCTION TO METROLOGY	3
	Specialization Electives (Advisor Approved)	6
	Sub-Total Credits	**24**
	Total credits for degree:	25

Computer Numerical Control Short-Term Certificate (CNC)
Hamilton & Jasper Campuses

Program: Machine Tool Technology (MTT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
MTT 109	ORIENTATION TO COMPUTER ASSISTED MANUFACTURING	3
MTT 139	BASIC COMPUTER NUMERICAL CONTROL	3
MTT 270	MACHINING SKILLS APPLICATION	3
	CNC Specialization Electives (Advisor Approved)	15
	Sub-Total Credits	**24**
	Total credits for degree:	25

Machine Tool Technology (MTT) Classes

MTT 100: MACHINING TECHNOLOGY I
This course introduces machining operations as they relate to the metalworking industry. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, grinding machines, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, grinding, drilling, sawing, turning, and milling. This course is aligned with NIMS certification standards. MTT 147/148 are suitable substitutes for this course.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: Machine Tool Technology (MTT)

MTT 103: MACHINING TECHNOLOGY II
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on set-up and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layout, drilling, sawing, turning and milling. This course is aligned with NIMS certification standards. MTT 149/150 are suitable substitutes for MTT 103.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 107: MACHINING CALCULATIONS
This course introduces basic calculations as they relate to machining occupations. Emphasis is placed on basic calculations and their applications in the machine shop. Upon completion, students should be able to perform basic shop calculations. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 109: ORIENTATION TO COMPUTER ASSISTED MANUFACTURING
This course serves as an overview and introduction to computer assisted manufacturing (CAM) and prepares students for more advanced CAM courses. Topics covered are basic concepts and terminology, CAM software environments, navigation commands and file management, 2-D geometry, construction modification, and toolpath generation for CAM machining processes.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 121: BASIC PRINT READING FOR MACHINISTS
This course covers the basic principles of print reading and sketching. Topics include multi-view drawings; interpretation of conventional lines; and dimensions, notes, and thread notations. Upon completion, students should be able to interpret basic drawings, visualize parts, and make pictorial sketches. This is a core course and is aligned with NIMS certification standards. This course is also taught as CNC 121.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 123: ENGINE LATHE LAB I
The student learns to safely operate an engine lathe in calculating feeds and speeds and shaping a variety of cutting tools by grinding. The student will also safely operate an engine lathe in straight turning, facing, turning to the shoulder and tapers. This is an additional lab for MTT 100.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 124: ENGINE LATHE LAB II
The student learns advanced operation of an engine lathe in calculating feeds and speeds and shaping a variety of cutting tools by grinding. The student will also safely operate an engine lathe in advanced straight turning, facing, turning to the shoulder and tapers. This is an additional lab for MTT 103.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 127: INTRODUCTION TO METROLOGY
This course covers the use of precision measuring instruments. Emphasis is placed on the inspection of machine parts and use of a wide variety of measuring instruments. Upon completion students should be able to demonstrate correct use of measuring instruments. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 128: GEOMETRIC DIMENSIONING ABD TOLERANCING
This course is designed to teach students how to interpret engineering drawings using modern conventions, symbols, datums, datum targets, and projected tolerance zones. Special emphasis is placed upon print reading skills, and industry specifications and standards. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 129: LATHE OPERATIONS
This course includes more advanced lathe practices such as set-up procedures, work planning, inner-and outer-diameter operations, and inspection and process improvement. Additional emphasis is placed on safety procedures. Upon completion, students will be able to apply advanced lathe techniques. This course is aligned with NIMS standards.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 130: MACHINING CALCULATIONS II
This course emphasizes advanced calculations common to machining operations. Students use these calculations for advanced applications for machine setup and planning. Specific topics include positive and negative numbers, symbolism, and algebraic expressions and operations. At the conclusion of this course students will be able to apply advanced machine calculations to equipment setup and planning.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 135: LATHE OPERATIONS I LAB
This course includes more advanced lathe practices such as set-up procedures, work planning, inner-and outer-diameter operations, and inspection and process improvement. Additional emphasis is placed on safety procedures. Upon completion, students will be able to apply advanced lathe techniques. This course is aligned with NIMS standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 136: MILLING OPERATIONS
This course covers manual milling operations. Emphasis is placed on related safety, types of milling machines and their uses, cutting speed, feed calculations, and set-up and operation procedures. Upon completion, students should be able to apply manual milling techniques (vertical and horizontal/universal) to produce machine tool projects. MTT 137/138 are suitable substitutes for this course. This course is aligned with NIMS certification standards.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 137: MILLING I
This course covers manual milling operations. Emphasis is placed on related safety, types of milling machines and their uses, cutting speed, feed calculations, and set-up and operation procedures. Upon completion, students should be able to apply manual vertical milling techniques to produce machine tool projects. MTT 137/138 are suitable to substitute for MTT 136. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 138: MILLING I LAB
This course provides basic knowledge of milling machines. Emphasis is placed on types of milling machines and their uses, cutting speed, feed calculations, and set-up procedures. Upon completion, students should be able to apply milling techniques to produce machine tool projects. MTT 137/138 are suitable substitutes for MTT 136. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 139: BASIC COMPUTER NUMERICAL CONTROL
This course introduces the concepts and capabilities of computer numeric control (CNC) machine tools. Topics include setup, operation, and basic applications. Upon completion, students should be able to develop a basic CNC program to safely operate a lathe and milling machine. This course is aligned with NIMS certification standards. This course is also taught as CNC 139.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 140: BASIC COMPUTER NUMERICAL CONTROL TURNING PROGRAMMING I
This course covers concepts associated with basic programming of a computer numerical control (CNC) turning center. Topics include basic programming characteristics, motion types, tooling, workholding devices, setup documentation, tool compensations, and formatting. Upon completion, students should be able to write a basic CNC turning program that will be used to produce a part. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 141: BASIC COMPUTER NUMERIC CONTROL MILLING PROGRAMMING I
This course covers concepts associated with basic programming of a computer numerical control (CNC) milling center. Topics include basic programming characteristics, motion types, tooling, workholding devices, setup documentation, tool compensations, and formatting. Upon completion, students should be able to write a basic CNC milling program that will be used to produce a part. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 142: ADVANCED MACHINING CALCULATIONS
This course combines mathematical functions with practical machine shop applications and problems. Emphasis is placed on gear ratios, lead screws, indexing problems, and their applications in the machine shop. Upon completion, students should be able to calculate solutions to machining problems.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 144: ELECTRICAL DISCHARGE MACHINING I
This course introduces the student to the concepts of Electrical Discharge Machining (EDM) and the importance of EDM is an industrial setting. Emphasis is placed on safety procedures and machinist responsibility in the setup and operation of EDM machines and electrode selection. Upon completion, students should be able to produce basic machine products using both the wire-type and plunge-type EDM machines. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 147: INTRODUCTION TO MACHINE SHOP I
This course introduces machining operations as they relate to the metalworking industry. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, bench grinders, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, drilling, sawing, turning, and milling. MTT 100 is a suitable substitute for MTT 147/148.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 148: INTRODUCTION TO MACHINE SHOP I LAB
This course provides practical application of the concepts and principles of machining operations learned in MTT 147. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, bench grinders, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, drilling, sawing, turning, and milling. MTT 100 is a suitable substitute for MTT 147/148. This course is aligned with NIMS standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 149: INTRODUCTION TO MACHINE SHOP II
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on setup and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layouts, drilling, sawing, turning, and milling. MTT 149/150 are suitable substitutes for MTT 103. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 150: INTRODUCTION TO MACHINE SHOP II LAB
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on setup and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layouts, drilling, sawing, turning, and milling. MTT 149/150 are suitable substitutes for MTT 103. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 181: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 182: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 183: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 221: ADVANCED BLUEPRINT READING FOR MACHINISTS
This course introduces complex industrial blueprints. Emphasis is placed on auxiliary views, section views, violations of true projection, special views, and interpretation of complex parts and assemblies. Upon completion, students should be able to read and interpret complex industrial blueprints. This course is also taught as CNC 221 and MSP 221.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 241: CNC MILLING LAB I
This course covers basic (3-axis) computer numeric control (CNC) milling machine setup and operating procedures. Upon completion, the student should be able to load a CNC program and setup and operate a 3-axis CNC milling machine to produce a specified part. Related safety, inspection, and process adjustment are also covered.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 270: MACHINING SKILLS APPLICATION
This course is designed to provide students with a capstone experience incorporating the knowledge and skills learned in the Machine Tool program. Special emphasis is given to student skill attainment.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As determined by college.
Co-Requisites: As determined by college
Program: **Machine Tool Technology (MTT)**

MTT 281: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 282: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 292: COOPERATIVE EDUCATION IN MACHINE TOOL TECHNOLOGY
Students work on a part-time basis in a job directly related to machine tool technology. The employer and supervising instructor evaluate students' progress. Upon course completion, students will be able to apply skills and knowledge in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

Management and Entrepreneurship (ETP) Program

All Locations

The study of management focuses on how organizations develop and use strategies to compete. The Management and Entrepreneurship associate in applied science degree program enables students to acquire a foundation in the basics of management, marketing, accounting, entrepreneurship, business communication, business law, and customer service. Students learn to apply diverse skills such as critical thinking, organization, problem- solving and professionalism to the business world.

NOTE: Check with an advisor for program and course location by campus.

Management and Entrepreneurship (ETP) Degrees and Certificates

Associate In Applied Science Degree (ETP)

All Locations

Program: **Management and Entrepreneurship (ETP)**

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	SPH 106 or SPH 107	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
ECO 231	PRINCIPLES OF MACROECONOMICS	3
ECO 232	PRINCIPLES OF MICROECONOMICS	3
	Sub-Total Credits	**21-22**

Field of Study Courses

Item #	Title	Credits
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
BUS 279	SMALL BUSINESS MANAGEMENT	3
ETP 266	ENTREPRENEURIAL FINANCE	3
MKT 223	CUSTOMER SERVICE	3
ETP 267	INNOVATIONS AND CREATIVITY	3
CIS 146 or OAD 125	CIS 146 or OAD 125	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
	Sub-Total Credits	**21**

Choose Accounting Certificate OR Retail Management Certificate

Accounting Certificate

Item #	Title	Credits
BUS 241	PRINCIPLES OF ACCOUNTING I	3
BUS 242	PRINCIPLES OF ACCOUNTING II	3
BUS 275	PRINCIPLES OF MANAGEMENT	3
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
ACT 246	MICROCOMPUTER ACCOUNTING	3
ACT 249	PAYROLL ACCOUNTING	3
ACT 253	INDIVIDUAL INCOME TAX	3
	Sub-Total Credits	**24**

Retail Management Certificate

Item #	Title	Credits
BUS 175	RETAILING	3
BUS 189	HUMAN RELATIONSHIPS	3
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
BUS 241	PRINCIPLES OF ACCOUNTING I	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
BUS 275	PRINCIPLES OF MANAGEMENT	3
BUS 276	HUMAN RESOURCE MANAGEMENT	3
BUS 285	PRINCIPLES OF MARKETING	3
	Sub-Total Credits	**24**

	Total credits for degree:	67-68

Accounting Certificate (ET1)
All Locations

Program: Management and Entrepreneurship (ETP)

Type: Short-Term Certificate

Core Requirements

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
BUS 241	PRINCIPLES OF ACCOUNTING I	3
BUS 242	PRINCIPLES OF ACCOUNTING II	3
BUS 275	PRINCIPLES OF MANAGEMENT	3
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
ACT 246	MICROCOMPUTER ACCOUNTING	3
ACT 249	PAYROLL ACCOUNTING	3
ACT 253	INDIVIDUAL INCOME TAX	3
	Sub-Total Credits	**25**
	Total credits for degree:	25

Business Essentials Certificate (ET3)
All Locations

Program: Management and Entrepreneurship (ETP)

Type: Short-Term Certificate

Required Courses

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
BUS 241	PRINCIPLES OF ACCOUNTING I	3
BUS 275	PRINCIPLES OF MANAGEMENT	3
BUS 276	HUMAN RESOURCE MANAGEMENT	3
BUS 285	PRINCIPLES OF MARKETING	3
	Sub-Total Credits	**16**
	Total credits for degree:	16

Entrepreneurship Certificate (ET4)
All Locations

Program: Management and Entrepreneurship (ETP)

Type: Short-Term Certificate

Core Requirements
Choose either BUS 215 OR OAD133.

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
BUS 175	RETAILING	3
BUS 189	HUMAN RELATIONSHIPS	3
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
BUS 241	PRINCIPLES OF ACCOUNTING I	3
BUS 275	PRINCIPLES OF MANAGEMENT	3
BUS 276	HUMAN RESOURCE MANAGEMENT	3
BUS 285	PRINCIPLES OF MARKETING	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
	Sub-Total Credits	**25**
	Total credits for degree:	25

Management and Entrepreneurship (ETP) Classes

ETP 266: ENTREPRENEURIAL FINANCE
This course is designed to teach students the financial issues that are important to the business owner, not the accounting practitioner. Topics include start-up funding, sources of financing, identifying and preventing fraud, buying and valuing ventures, and harvesting the value created in business ventures. This course also covers the creation of personal financial statements and pro forma financial statements which are crucial components of a business plan.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: Management and Entrepreneurship (ETP)

ETP 267: INNOVATIONS AND CREATIVITY
This course is designed to develop in students a mindset for thinking creatively and prepare them to create their own businesses or revitalize a business that has lost its direction by learning to observe things from different perspectives and to reason from different viewpoints in order to develop effective solutions to problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: Management and Entrepreneurship (ETP)

Industrial Electrical Technology (IST) Program

Hamilton & Sumiton Campuses

Manufacturing Engineering Technicians maintain, adjust, calibrate, and repair a wide variety of electronic, electromechanical, and hydraulic equipment used in manufacturing environments. Technicians use a wide variety of tools to conduct their work, including multi-meters, specialized software, and computers designed to communicate with specific pieces of hardware. If a machine is not functioning to its potential, the technician may have to adjust the mechanical or hydraulic components, or adjust the software to bring the equipment back into calibration.

Effective July 1, 2011 colleges are required to disclose certain information for any Title IV eligible program that prepares students for gainful employment (as defined by the US Department of Education) in a recognized occupation. The Manufacturing Engineering program has been identified as a Gainful Employment program. Disclosure information about the programs can be found at www.bscc.edu/documents/BevillGainfulEmploymentDisclosure.pdf.
(Occupational Outlook Handbook)
NOTE: Check with an advisor for

program and course location by campus.

Industrial Electrical Technology (IST) Degrees and Certificates

Associate In Applied Science Degree (IST)
Hamilton & Sumiton Campuses

Program: Industrial Electrical Technology (IST)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Concentration Courses

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 107	ELECTRICAL BLUEPRINT READING I	3
ETC 104	DIGITAL FUNDAMENTALS	3
WKO 110	NCCER CORE	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
AUT 117	AC/DC MACHINES	3
ELT 221	ELECTRONICS FOR ELECTRICIANS	3
ELT 192	PRACTICUM/INTERNSHIP/CO-OP	1
	ILT 108/IST 120	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
ILT 214	CONTROL AND TROUBLESHOOTING FLOW, LEVEL, TEMPERATURE, PRESSURE AND LEVEL PROCESSES	3
ELT 212	MOTOR CONTROL II	3
ILT 196	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
ELT 241	NATIONAL ELECTRIC CODE	3
ILT 110	ADVANCED INDUSTRIAL PROCESS CONTROL TECHNOLOGY	3
	Sub-Total Credits	**52**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
MTH 116	MATHEMATICAL APPLICATIONS	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**
	Total credits for degree:	68-69

Long-Term Certificate (IST)
Hamilton & Sumiton Campuses

Program: Industrial Electrical Technology (IST)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 107	ELECTRICAL BLUEPRINT READING I	3
ETC 104	DIGITAL FUNDAMENTALS	3
MTH 116	MATHEMATICAL APPLICATIONS	3
WKO 110	NCCER CORE	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
AUT 117	AC/DC MACHINES	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
ELT 221	ELECTRONICS FOR ELECTRICIANS	3
ELT 192	PRACTICUM/INTERNSHIP/CO-OP	1
ENG 101	ENGLISH COMPOSITION I	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
	ILT 108/IST 120	3
ILT 214	CONTROL AND TROUBLESHOOTING FLOW, LEVEL, TEMPERATURE, PRESSURE AND LEVEL PROCESSES	3
	Sub-Total Credits	**46**
	Total credits for degree:	47

Short-Term Certificate #1 (IS1)
Hamilton & Sumiton Campuses

Program: Industrial Electrical Technology (IST)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 107	ELECTRICAL BLUEPRINT READING I	3
ETC 104	DIGITAL FUNDAMENTALS	3
WKO 110	NCCER CORE	3
	Sub-Total Credits	**15**
	Total credits for degree:	16

Short-Term Certificate #2 (IS2)
Hamilton & Sumiton Campuses

Program: Industrial Electrical Technology (IST)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
AUT 117	AC/DC MACHINES	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
ELT 221	ELECTRONICS FOR ELECTRICIANS	3
ELT 192	PRACTICUM/INTERNSHIP/CO-OP	1
	Sub-Total Credits	**16**
	Total credits for degree:	17

Office Administration and Technology (OAT) Program

Sumiton Campus & Online

The purpose of this program is to prepare students with the knowledge and skills for entry into a variety of positions in today's fastpaced, business office environment. Office and Administrative Support Supervisors and Managers plan or supervise support staff to ensure that they can work efficiently. After allocating work assignments and issuing deadlines, office and administrative support supervisors and managers oversee the work to ensure that it is proceeding on schedule and meeting established quality standards. (Occupational Outlook Handbook)

Office Administration and Technology (OAT) Degrees and Certificates

Associate In Applied Science Degree (OAT)
Sumiton Campus & Online

Program: Office Administration and Technology (OAT)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**15-16**

Core Concentration Courses
OAD 101 will be required for students who do not have keyboarding fundamentals

Item #	Title	Credits
BUS 241	PRINCIPLES OF ACCOUNTING I	3
ETP 266	ENTREPRENEURIAL FINANCE	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
OAD 103	INTERMEDIATE KEYBOARDING	3
OAD 125	WORD PROCESSING	3
	OAD 131 or ENG 102	3
OAD 133	BUSINESS COMMUNICATIONS	3
OAD 138	RECORDS/INFORMATION MANAGEMENT	3
OAD 232	THE COMPUTERIZED OFFICE	3
MKT 223	CUSTOMER SERVICE	3
	Sub-Total Credits	**33**

SELECT ONE OF THESE THREE OPTIONS

Office Administration Option (OFF)

Item #	Title	Credits
ACT 246	MICROCOMPUTER ACCOUNTING	3
ACT 249	PAYROLL ACCOUNTING	3
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
BUS 189	HUMAN RELATIONSHIPS	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
SPH 106	FUNDAMENTALS OF ORAL COMMUNICATION	3
	Sub-Total Credits	**18**

Medical Office Administration Option (MOA)

Item #	Title	Credits
	ACT 246 or ACT 249	3
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
OAD 211	MEDICAL TERMINOLOGY	3
OAD 214	MEDICAL OFFICE PROCEDURES	3
HIT 230	Medical Coding Systems I	3
HIT 231	Medical Coding Systems I Lab	1
HIT 232	Medical Coding Systems II	3
HIT 236	Medical Coding Systems II Lab	1
	Sub-Total Credits	**20**

Legal Office Administration Option (LOA)

Item #	Title	Credits
	ACT 246 or ACT 249	3
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
OAD 200	MACHINE TRANSCRIPTION	3
OAD 202	LEGAL TRANSCRIPTION	3
BUS 189	HUMAN RELATIONSHIPS	3
BUS 276	HUMAN RESOURCE MANAGEMENT	3
	Sub-Total Credits	**18**
	Total credits for degree:	66

Long-Term Certificate (OAT)
Sumiton Campus & Online

Program: Office Administration and Technology (OAT)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Studies Courses

Item #	Title	Credits
CIS 146	MICROCOMPUTER APPLICATIONS	3
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	SPH 106 or SPH 107	3
	Sub-Total Credits	**12**

Field of Study Courses
ACT 141 Fundamentals of Accounting Principles is recommended for students who do not have a basic knowledge of accounting.

OAD 101 will be required for students who do not have keyboarding fundamentals

Item #	Title	Credits
	ACT 141 or BUS 241	3
MKT 223	CUSTOMER SERVICE	3
CIS 286	COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)	3
OAD 103	INTERMEDIATE KEYBOARDING	3
OAD 125	WORD PROCESSING	3
BUS 215/OAD 133	BUSINESS COMMUNICATION	3
OAD 138	RECORDS/INFORMATION MANAGEMENT	3
OAD 232	THE COMPUTERIZED OFFICE	3
	Sub-Total Credits	**24**

Field of Study Electives
Select 9 credit hours from the following offerings

Item #	Title	Credits
ACT 246	MICROCOMPUTER ACCOUNTING	3
ACT 249	PAYROLL ACCOUNTING	3
BUS 189	HUMAN RELATIONSHIPS	3
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
BUS 276	HUMAN RESOURCE MANAGEMENT	3
ETP 266	ENTREPRENEURIAL FINANCE	3
	OAD 131 or ENG 102	3
OAD 200	MACHINE TRANSCRIPTION	3
OAD 202	LEGAL TRANSCRIPTION	3
OAD 203	LEGAL OFFICE PROCEDURES	3
OAD 211	MEDICAL TERMINOLOGY	3
OAD 212	MEDICAL TRANSCRIPTION	3
OAD 214	MEDICAL OFFICE PROCEDURES	3
OAD 246	OFFICE GRAPHICS AND PRESENTATIONS	3
	Sub-Total Credits	**9**
	Total credits for degree:	46

Short-Term Legal Certificate (LOA)
Sumiton Campus & Online

Program: Office Administration and Technology (OAT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses
OAD 101 will be required for students who do not have keyboarding fundamentals.

Item #	Title	Credits
BUS 263	THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS	3
OAD 103	INTERMEDIATE KEYBOARDING	3
OAD 125	WORD PROCESSING	3
	OAD 131 or ENG 102	3
ENG 101	ENGLISH COMPOSITION I	3
OAD 138	RECORDS/INFORMATION MANAGEMENT	3
OAD 200	MACHINE TRANSCRIPTION	3
OAD 202	LEGAL TRANSCRIPTION	3
BUS 189	HUMAN RELATIONSHIPS	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
	Sub-Total Credits	**30**
	Total credits for degree:	31

Short-Term Medical Certificate (MOA)
Sumiton Campus & Online

Program: Office Administration and Technology (OAT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses
OAD 101 will be required for students who do not have keyboarding fundamentals

Choose either OAD 131 OR ENG 101

Item #	Title	Credits
OAD 103	INTERMEDIATE KEYBOARDING	3
OAD 125	WORD PROCESSING	3
OAD 138	RECORDS/INFORMATION MANAGEMENT	3
OAD 211	MEDICAL TERMINOLOGY	3
CIS 146	MICROCOMPUTER APPLICATIONS	3
HIT 230	Medical Coding Systems I	3
HIT 231	Medical Coding Systems I Lab	1
HIT 232	Medical Coding Systems II	3
HIT 236	Medical Coding Systems II Lab	1
BUS 189	HUMAN RELATIONSHIPS	3
	Sub-Total Credits	**26**
	Total credits for degree:	27

Office Administration and Technology (OAT) Classes

HIT 230: Medical Coding Systems I
This course is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes description of classification and nomenclature systems; coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; and validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

HIT 231: Medical Coding Systems I Lab
Lab to accompany the Medical Coding Systems I - intended to develop an understanding of coding and classifications systems in order to assign valid medical codes. Instruction includes description of classification and nomenclature systems; coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; and validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 1
Lecture Hours: Lecture Hours 1
Program: **Office Administration and Technology (OAT)**

HIT 232: Medical Coding Systems II
This course is a continuation of Medical Coding Systems I which is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

HIT 236: Medical Coding Systems II Lab
Lab to accompany Medical Coding Systems II - a continuation of Medical Coding Systems I Lab which is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 1
Lecture Hours: Lecture Hours 1
Program: **Office Administration and Technology (OAT)**

OAD 101: BEGINNING KEYBOARDING
This course is designed to be able to use the touch method of keyboarding through classroom instruction and outside lab. Emphasis is on speed and accuracy in keying alphabetic, symbol, and numeric information using a keyboard. Upon completion, the student should be able to demonstrate proper technique and an acceptable rate of speed and accuracy as defined by the course syllabus, in the production of basic business documents such as memoranda, letters, reports, etc.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 103: INTERMEDIATE KEYBOARDING
This course is designed to assist the student in increasing speed and accuracy using the touch method of keyboarding through classroom instruction and lab exercises. Emphasis is on the production of business documents such as memoranda, letters, reports, tables, and outlines from unarranged rough draft to acceptable format. Upon completion, the student should be able to demonstrate proficiency and an acceptable rate of speed and accuracy, as defined by the course syllabus, in the production of business documents.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 101 or test above 30 words per minute
Program: **Office Administration and Technology (OAT)**

OAD 125: WORD PROCESSING
This course is designed to provide the student with basic word processing skills through classroom instruction and outside lab. Emphasis is on the utilization of software features to create, edit, and print common office documents. Upon completion, the student should be able to demonstrate the ability to use industry-standard software to generate appropriately formatted, accurate, and attractive business documents such as memoranda, letters, and reports.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 131: BUSINESS ENGLISH
This course is designed to develop the student's ability to use proper English. Emphasis is on grammar, spelling, vocabulary, punctuation, word usage, word division, and proofreading. Upon completion, the student should be able to communicate effectively.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 133: BUSINESS COMMUNICATIONS
This course is designed to provide the student with skills necessary to communicate effectively. Emphasis is on the application of communication principles to produce clear, correct, logically-organized business communications. Upon completion, the student should be able to demonstrate effective communication techniques in written, oral, and nonverbal communications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 138: RECORDS/INFORMATION MANAGEMENT
This course is designed to give the student knowledge about managing office records and information. Emphasis is on basic filing procedures, methods, systems, supplies, equipment, and modern technology used in the creation, protection, and disposition of records stored in a variety of forms. Upon completion, the student should be able to perform basic filing procedures.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 200: MACHINE TRANSCRIPTION
This course is designed to develop marketable skills in transcribing various forms of dictated material through classroom instruction. Emphasis is on the use of microcomputers and a commercial word processing package. Upon completion, the student should be able to accurately transcribe documents from dictated recordings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 103 or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 202: LEGAL TRANSCRIPTION
This course is designed to familiarize students with legal terms and provide transcription skill development in the production of legal correspondence, forms, and court documents through classroom instruction and lab exercises. Emphasis is on transcribing error-free legal documents using transcription equipment. Upon completion, students should be able to demonstrate the ability to accurately transcribe legal documents that are appropriately formatted.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 200 with grade of "C" or higher or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 203: LEGAL OFFICE PROCEDURES
This course is designed to provide an awareness of the responsibilities and opportunities of professional support personnel in a legal environment through classroom instruction and lab exercises. Emphasis is on legal terminology, the production of appropriate forms and reports, and the importance of office procedures and practices. Upon completion, the student should be able to perform office support tasks required for employment in a legal environment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 211: MEDICAL TERMINOLOGY
This course is designed to familiarize the student with medical terminology. Emphasis is on the spelling, definition, pronunciation, and usage of medical terms. Upon completion, the student should be able to communicate effectively using medical terminology.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 212: MEDICAL TRANSCRIPTION
This course is designed to orient students to standard medical reports, correspondence, and related documents transcribed in a medical environment through classroom instruction. Emphasis is on transcribing medical records from dictated recordings. Learn/maintain standards of ethical/professional conduct. Upon completion, the student should be able to accurately transcribe medical documents from dictated recordings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 200 with grade of “C” or higher or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 214: MEDICAL OFFICE PROCEDURES
This course focuses on the responsibilities of professional support personnel in a medical environment. Emphasis is on medical terms, the production of appropriate forms and reports, and office procedures and practices. Upon completion, the student should be able to perform office support tasks required for employment in a medical environment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 218: OFFICE PROCEDURES
This course is designed to develop an awareness of the responsibilities and opportunities of the office professional through classroom instruction. Emphasis is on current operating functions, practices, and procedures, work habits, attitudes, oral and written communications and professionalism. Upon completion, the student should be able to demonstrate the ability to effectively function in an office support role. This course supports CIP code 52.0401.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 232: THE COMPUTERIZED OFFICE
This course is designed to enable the student to develop skill in the use of integrated software through classroom instruction and lab exercises. Emphasis is on the use of computerized equipment, software, and communications technology. Upon completion, the student should be able to satisfactorily perform a variety of office tasks using current technology.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 133
Program: **Office Administration and Technology (OAT)**

OAD 246: OFFICE GRAPHICS AND PRESENTATIONS
This course is designed to provide the student with a foundation in the use of the computer and appropriate application software in the production of business slides and presentations through classroom instruction and lab exercises. Emphasis is on available software tools, presentation options and design, as well as such presentation considerations as the make-up of the target audience. Upon completion, the student should be able to demonstrate the ability to design and produce a business presentation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

Salon and Spa Management (SAL) Program

Hamilton & Sumiton Campuses

The Salon and Spa Management program prepares cosmetologists, hairstylists, and other personal grooming specialists to manage beauty parlors, shops, and full-service or specialized salons and prepares for licensure as professional salon owners and operators. Includes instruction in cosmetic services marketing and retailing; advertising and promotion; salon management; the cosmetic and salon supply industries; hiring, supervision, and labor relations; applicable business and professional laws and regulations; professional standards and image; and customer service.

Salon and Spa Management (SAL) Degrees and Certificates

Associate In Applied Science Degree (SM3) - INSTRUCTOR TRAINING OPTION
Hamilton & Sumiton Campuses

Program: Salon and Spa Management (SAL)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
SAL 133	SALON MANAGEMENT TECHNOLOGY	3
SAL 201	ENTREPRENEURSHIP FOR SALON AND SPA MANAGEMENT	3
CIT 211	TEACHING AND CURRICULUM DEVELOPMENT	3
CIT 212	TEACHER MENTORSHIP	3
CIT 213	LESSON PLAN DEVELOPMENT	3
CIT 214	LESSON PLAN METHODS AND DEVELOPMENT	3
CIT 221	LESSON PLAN IMPLEMENTATION	3
CIT 222	INSTRUCTIONAL MATERIALS AND METHODS	3
CIT 223	INSTRUCTIONAL MATERIALS AND METHODS APPLICATIONS	3
COS 119	BUSINESS OF COSMETOLOGY	3
COS 123	COSMETOLOGY SALON PRACTICES	3
COS 167	STATE BOARD REVIEW	3
COS 190	INTERNSHIP IN COSMETOLOGY	3
COS 191	CO-OP	3
EMS 103	FIRST AID-CPR and AED	1
	Sub-Total Credits	**43**

General Education Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	SPH 106/107 or CIS 146	3
	Sub-Total Credits	**18-19**
	Total credits for degree:	62-63

Salon & Spa Management - Barbering (SM2)
Hamilton & Sumiton Campuses

The Salon and Spa Management program prepares Cosmetologists, Cosmetology Instructors, Barbers, Estheticians, Nail Technicians, and other personal grooming specialists to manage, operate, and if desired become entrepreneurs of their own full-service salons and spas. Prepares students for the Alabama Board of Cosmetology and Barbering Stateboard licensure for each discipline area. Includes instruction in cosmetic services, marketing, advertisement, retail, salon management/operation such as hiring, supervision, labor relations, professional laws and regulations, professional standards and image, and customer services, the cosmetic and salon supply industries.

Program: Salon and Spa Management (SAL)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Core Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**15-16**

Field of Study Courses

Item #	Title	Credits
SAL 133	SALON MANAGEMENT TECHNOLOGY	3
SAL 201	ENTREPRENEURSHIP FOR SALON AND SPA MANAGEMENT	3
BAR 108	INTRODUCTION TO BARBERING	3
BAR 111	INTRODUCTION TO BARBERING LAB	3
BAR 112	SCIENCE OF BARBERING	3
BAR 113	FUNDAMENTALS OF BARBERING APPLICATIONS	3
BAR 143	STATE BOARD REVIEW	3
	Sub-Total Credits	**21**

Electives - Choose 9 Courses (27 Credit Hours)

Item #	Title	Credits
BAR 109	BACTERIOLOGY AND SANITATION	3
BAR 110	ORIENTATION TO BARBERING	3
BAR 114	BARBER-STYLING LAB	3
BAR 115	CUTTING AND STYLING TECHNIQUES	3
BAR 120	PROPERTIES OF CHEMISTRY	3
BAR 121	CHEMICAL HAIR PROCESSING	3
BAR 122	HAIR COLORING CHEMISTRY	3
BAR 124	HAIR COLORING METHODOLOGY LAB	3
BAR 130	MARKETING AND BUSINESS MANAGEMENT	3
BAR 132	STYLING AND DESIGN	3
BAR 133	STYLING AND MANAGEMENT	3
BAR 140	PRACTICUM	2
	Sub-Total Credits	**27**
	Total credits for degree:	62-63

Salon and Spa Management (SM1)
Hamilton & Sumiton Campuses

The Salon and Spa Management program prepares Cosmetologists, Cosmetology Instructors, Barbers, Estheticians, Nail Technicians, and other personal grooming specialists to manage, operate, and if desired become entrepreneurs of their own full-service salons and spas. Prepares students for the Alabama Board of Cosmetology and Barbering Stateboard licensure for each discipline area. Includes instruction in cosmetic services, marketing, advertisement, retail, salon management/operation such as hiring, supervision, labor relations, professional laws and regulations, professional standards, and image, and customer services, the cosmetic and salon supply industries.

These options include: Option 1 - Cosmetology, Option 2 - Esthetics, Option 3 - Nail Technology

Program: Salon and Spa Management (SAL)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

General Education

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	Humanities/Fine Arts Elective	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Sub-Total Credits	**15-16**

Field of Study Courses

Item #	Title	Credits
SAL 133	SALON MANAGEMENT TECHNOLOGY	3
SAL 201	ENTREPRENEURSHIP FOR SALON AND SPA MANAGEMENT	3
COS 111	INTRODUCTION TO COSMETOLOGY	3
COS 117	BASIC SPA TECHNIQUES	3
COS 118	BASIC SPA TECHNIQUES LAB	3
COS 119	BUSINESS OF COSMETOLOGY	3
COS 125	CAREER AND PERSONAL DEVELOPMENT	3
	Sub-Total Credits	**21**

CHOOSE ONE OPTION

Cosmetology Option

Item #	Title	Credits
COS 112	INTRODUCTION TO COSMETOLOGY LAB	3
COS 113	THEORY OF CHEMICAL SERVICES	3
COS 114	CHEMICAL SERVICES LAB	3
COS 115	HAIR COLORING THEORY	3
COS 116	HAIR COLORING LAB	3
COS 123	COSMETOLOGY SALON PRACTICES	3
COS 137	HAIR SHAPING AND DESIGN THEORY	3
COS 145/COS 190/ COS 191	COS 145/COS 190/COS 191	3
COS 167	STATE BOARD REVIEW	3
	Sub-Total Credits	**27**

Esthetics Option

Item #	Title	Credits
COS 127	ESTHETICS THEORY	3
COS 134	ADVANCED ESTHETICS	3
COS 135	ADVANCED ESTHETICS APPLICATION	3
COS 163	FACIAL TREATMENTS	3
COS 164	FACIAL MACHINE	3
COS 165/COS 190/ COS 191	COS 165/COS 190/COS 191	3
COS 166	SKIN CARE BACTERIOLOGY AND SANITATION	3
COS 167	STATE BOARD REVIEW	3
COS 169	SKIN FUNCTIONS	3
	Sub-Total Credits	**27**

Nail Technology Option

Item #	Title	Credits
COS 142	APPLIED CHEMISTRY FOR COSMETOLOGY LAB	3
COS 148	NAIL CARE THEORY	3
COS 149	NAIL ART THEORY	3
COS 152	NAIL CARE APPLICATIONS	3
COS 153	NAIL ART	3
COS 154	NAIL ART APPLICATIONS	3
COS 158	EMPLOYABILITY SKILLS	3
COS 166/COS 190/ COS 191	COS 166/COS 190/COS 191	3
COS 167	STATE BOARD REVIEW	3
	Sub-Total Credits	**27**
	Total credits for degree:	64-65

Cosmetology Short Term Certificate
Hamilton & Sumiton Campuses

Cosmetology is a program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations.

Program: Salon and Spa Management (SAL)

Type: Short-Term Certificate

Item #	Title	Credits
COS 112	INTRODUCTION TO COSMETOLOGY LAB	3
COS 113	THEORY OF CHEMICAL SERVICES	3
COS 114	CHEMICAL SERVICES LAB	3
COS 115	HAIR COLORING THEORY	3
COS 116	HAIR COLORING LAB	3
COS 123	COSMETOLOGY SALON PRACTICES	3
COS 137	HAIR SHAPING AND DESIGN THEORY	3
	Sub-Total Credits	**21**

CHOOSE ONE

Item #	Title	Credits
COS 145	HAIR SHAPING LAB	3
COS 190	INTERNSHIP IN COSMETOLOGY	3
COS 191	CO-OP	3
	Sub-Total Credits	**3**
	Total credits for degree:	24

Esthetics Short Term Certificate
Hamilton & Sumiton Campuses

Esthetics is to prepare students with all of the fundamentals of skin care, facials, facial massages, hair removal, spa body basics, business aspects product knowledge, and effective retailing. Is an advanced study of anatomy and physiology relating to skin care, cosmetic chemistry, histology of the skin, and massage and facial treatments. Graduates of this program will have the knowledge and skills to pass the State Board exam to become a licensed Esthetician and obtain employment in the Salon & Spa industry.

Program: Salon and Spa Management (SAL)

Type: Short-Term Certificate

Item #	Title	Credits
COS 127	ESTHETICS THEORY	3
COS 134	ADVANCED ESTHETICS	3
COS 135	ADVANCED ESTHETICS APPLICATION	3
COS 163	FACIAL TREATMENTS	3
COS 164	FACIAL MACHINE	3
COS 166	SKIN CARE BACTERIOLOGY AND SANITATION	3
COS 167	STATE BOARD REVIEW	3
COS 169	SKIN FUNCTIONS	3
	Sub-Total Credits	**24**

CHOOSE ONE

Item #	Title	Credits
COS 165	RELATED SUBJECTS ESTHETICIANS	3
COS 190	INTERNSHIP IN COSMETOLOGY	3
COS 191	CO-OP	3
	Sub-Total Credits	**3**
	Total credits for degree:	27

Nail Technology Short Term Certificate
Hamilton & Sumiton Campuses

Nail Technology focuses on all aspects of nail care. Topics include salon conduct, professional ethics, sanitation, nail structure, manicuring, pedicuring, nail disorders, and anatomy and physiology of the arm and hand. Upon completion, the student should be able to demonstrate professional conduct, recognize nail disorders and diseases, and identify the procedures for sanitation and nail care services.

Program: Salon and Spa Management (SAL)

Type: Short-Term Certificate

Item #	Title	Credits
COS 142	APPLIED CHEMISTRY FOR COSMETOLOGY LAB	3
COS 148	NAIL CARE THEORY	3
COS 149	NAIL ART THEORY	3
COS 152	NAIL CARE APPLICATIONS	3
COS 153	NAIL ART	3
COS 154	NAIL ART APPLICATIONS	3
COS 158	EMPLOYABILITY SKILLS	3
COS 167	STATE BOARD REVIEW	3
	Sub-Total Credits	**24**

CHOOSE ONE

Item #	Title	Credits
COS 166	SKIN CARE BACTERIOLOGY AND SANITATION	3
COS 190	INTERNSHIP IN COSMETOLOGY	3
COS 191	CO-OP	3
	Sub-Total Credits	**3**
	Total credits for degree:	27

Salon and Spa Management (SAL) Classes

SAL 133: SALON MANAGEMENT TECHNOLOGY
This course is designed to develop entry-level management skills for the beauty industry. Topics include job-seeking, leader and entrepreneurship development, business principles, business laws, insurance, marketing, and technology issues in the workplace. Upon completion, the student should be able to list job-seeking and management skills and the technology that is available for use in the salon.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: Salon and Spa Management (SAL)

SAL 201: ENTREPRENEURSHIP FOR SALON AND SPA MANAGEMENT
This course covers the important issues and critical steps involved in starting a new business from scratch. Topics covered include developing a business plan, creating a successful marketing strategy, setting up the legal basis for business, raising start-up funds, attracting and managing human resources, managing costs, and developing a customer base.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: Salon and Spa Management (SAL)

Truck Driver Training (TRK) Program

Sumiton Campus

The truck driver training program provides basic entry-level driving skills relating to the safe operation techniques of commercial motor vehicles and other related regulations. Upon successful completion of the program, the student may be able to obtain a Commercial Driver's License (CDL) necessary to operate a tractor-trailer unit. Students should also be conversant with the rules and regulations pertaining to the trucking industry once the program is completed.

(Occupational Outlook Handbook)

NOTE: Check with an advisor for program and course location by campus.

Truck Driver Training (TRK) Degrees and Certificates

Short-Term Certificate (TRK)
Sumiton Campus

Program: Truck Driver Training (TRK)

Type: Short-Term Certificate

Field of Study Courses

Item #	Title	Credits
TRK 111	BASIC VEHICLE OPERATION	4
TRK 112	SAFE OPERATING PRACTICES	3
TRK 113	NON-VEHICLE ACTIVITIES	2
	Sub-Total Credits	**9**
	Total credits for degree:	9

Truck Driver Training (TRK) Classes

TRK 111: BASIC VEHICLE OPERATION
This course introduces students to the fundamentals of becoming a professional commercial motor vehicle driver. Topics include orientation, control systems, vehicle inspections and reporting, basic control, shifting, backing, coupling and uncoupling, proficiency development, and special rigs. Upon completion, the student should demonstrate proficiency in skill field tasks and pre-trip inspections to Commercial Drivers License standards.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Co-Requisites: TRK 112, TRK 113.
Program: Truck Driver Training (TRK)

TRK 112: SAFE OPERATING PRACTICES
This course offers proper defensive driving techniques applicable to the commercial motor vehicle driver and involves the interaction between the student/vehicle and the highway traffic environment. Topics include visual search, communication, speed and space management, night operation, extreme driving conditions, and proficiency development. Upon completion, the student should demonstrate basic operating skills that ensure safety of the driver and other vehicle operators to Commercial Drivers License standards.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Co-Requisites: TRK 111, TRK 113.
Program: Truck Driver Training (TRK)

TRK 113: NON-VEHICLE ACTIVITIES
This course focuses on activities not directly related to the vehicle itself, but that are related to the potential job performance of the commercial motor vehicle driver. Topics include handling cargo, cargo documentation, hours of service requirements, accident procedures, personal health and safety, trip planning, employability skills, and public and employer relations. Upon completion, the student will demonstrate performance of these activities to Commercial Drivers License standards to ensure safety to the driver, vehicle, cargo, and other motorists.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Co-Requisites: TRK 111, TRK 112.
Program: Truck Driver Training (TRK)

Vehicle Technology and Repair (VTR) Program

Hamilton & Sumiton Campuses (Auto Body Repair & Diesel Technician Options Sumiton Campus)

Vehicle Technology and Repair (VTR) Degrees and Certificates

Associate in Applied Science Degree (VTR)
Hamilton & Sumiton Campuses

Program: Vehicle Technology and Repair (VTR)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
VTR 112	ELECTRICAL FUNDAMENTALS	3
VTR 133	HEATING AND AIR CONDITIONING	3
	Sub-Total Credits	**6**

AUTOMOTIVE SERVICE EXCELLENCE OPTION (VT1)
Select one of VT1, VT2, or VT3 options.

Item #	Title	Credits
ASE/AUM 101	FUNDAMENTALS OF AUTOMOTIVE TECHNOLOGY	3
ASE/AUM 121	BRAKING SYSTEMS	3
ASE/AUM 122	SUSPENSION AND STEERING	3
ASE/AUM 124	AUTOMOTIVE ENGINES	3
ASE/AUM 130	DRIVE TRAIN & AXLES	3
ASE/AUM 162	ELECTRICAL AND ELECTRONIC SYSTEMS	3
ASE/AUM 212	ADVANCED ELECTRICAL & ELECTRONIC SYSTEMS	3
ASE/AUM 220	ADVANCED AUTOMOTIVE ENGINES	3
ASE/AUM 224	MANUAL TRANSMISSION & TRANSAXLE	3
ASE/AUM 230	AUTO TRANSMISSION & TRANSAXLE	3
ASE/AUM 239	ENGINE PERFORMANCE	3
ASE/AUM 244	ENGINE PERFORMANCE AND DIAGNOSTICS	3
ASE/AUM 246	AUTOMOTIVE EMISSIONS	3
ASE/AUM 281	SPECIAL TOPICS	3
	Sub-Total Credits	**42**

AUTO BODY REPAIR OPTION (VT2)
Sumiton Campus

Item #	Title	Credits
ABR 111	NON-STRUCTURAL REPAIR	3
ABR 114	NON-STRUCTURAL PANEL REPLACEMENT	3
ABR 122	SURFACE PREPARATION	3
ABR 123	PAINT APPLICATION & EQUIPMENT	3
ABR 151	SAFETY & ENVIRONMENTAL PRACTICES	3
ABR 154	AUTOMOTIVE GLASS & TRIM	3
ABR 156	AUTOMOTIVE CUTTING & WELDING	3
ABR 157	AUTOMOTIVE PLASTIC REPAIRS	3
ABR 213	AUTOMOTIVE STRUCTURAL ANALYSIS	3
ABR 214	AUTOMOTIVE STRUCTURAL REPAIR	3
ABR 223	AUTOMOTIVE MECHANICAL COMPONENTS	3
ABR 255	STEERING AND SUSPENSION	3
ABR 265	PAINT DEFECTS & FINAL DETAIL	3
ABR 267	SHOP MANAGEMENT	3
ABR 281	SPECIAL TOPICS IN AUTO BODY	3
	Sub-Total Credits	**45**

DIESEL TECHNICIAN OPTION (VT3)
Sumiton Campus

Item #	Title	Credits
DEM 104	BASIC ENGINES	3
DEM 105	PREVENTIVE MAINTENANCE	3
DEM 111	EQUIPMENT SAFETY AND MECHANICAL FUNDAMENTALS	3
DEM 117	DIESEL AND GAS TUNE-UP	3
DEM 122	HEAVY VEHICLE BRAKES	3
DEM 123	PNEUMATIC AND HYDRAULICS	3
DEM 124	ELECTRONIC ENGINE SYSTEMS	3
DEM 125	HEAVY VEHICLE DRIVE TRAINS	3
DEM 126	ADVANCED ENGINE ANALYSIS	3
DEM 127	FUEL SYSTEMS	3
DEM 134	COMPUTER CONTROLLED ENGINE AND POWER TRAIN SYSTEMS	3
DEM 135	HEAVY VEHICLE STEERING AND SUSPENSION	3
DEM 180	SPECIAL PROJECTS IN COMMERCIAL VEHICLES	3
DEM 191	Special Projects in Diesel Mechanics	3
	Sub-Total Credits	**42**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3 - 4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**15-16**
	Total credits for degree:	64-68

Long-Term Certificate (VTR)

Hamilton & Sumiton Campuses

Program: Vehicle Technology and Repair (VTR)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
VTR 112	ELECTRICAL FUNDAMENTALS	3
VTR 133	HEATING AND AIR CONDITIONING	3
	Sub-Total Credits	**6**

Choose one of the following options (VT1, VT2, or VT3)

AUTOMOTIVE SERVICE EXCELLENCE OPTION (VT1)
Choose nine courses (27 credits required).

Item #	Title	Credits
ASE/AUM 101	FUNDAMENTALS OF AUTOMOTIVE TECHNOLOGY	3
ASE/AUM 121	BRAKING SYSTEMS	3
ASE/AUM 122	SUSPENSION AND STEERING	3
ASE/AUM 124	AUTOMOTIVE ENGINES	3
ASE/AUM 130	DRIVE TRAIN & AXLES	3
ASE/AUM 162	ELECTRICAL AND ELECTRONIC SYSTEMS	3
ASE/AUM 212	ADVANCED ELECTRICAL & ELECTRONIC SYSTEMS	3
ASE/AUM 220	ADVANCED AUTOMOTIVE ENGINES	3
ASE/AUM 224	MANUAL TRANSMISSION & TRANSAXLE	3
ASE/AUM 230	AUTO TRANSMISSION & TRANSAXLE	3
ASE/AUM 239	ENGINE PERFORMANCE	3
ASE/AUM 244	ENGINE PERFORMANCE AND DIAGNOSTICS	3
ASE/AUM 246	AUTOMOTIVE EMISSIONS	3
ASE/AUM 281	SPECIAL TOPICS	3
	Sub-Total Credits	**27**

AUTO BODY REPAIR OPTION (VT2)
Choose nine courses (27 credits required)

Item #	Title	Credits
ABR 111	NON-STRUCTURAL REPAIR	3
ABR 114	NON-STRUCTURAL PANEL REPLACEMENT	3
ABR 122	SURFACE PREPARATION	3
ABR 123	PAINT APPLICATION & EQUIPMENT	3
ABR 151	SAFETY & ENVIRONMENTAL PRACTICES	3
ABR 154	AUTOMOTIVE GLASS & TRIM	3
ABR 156	AUTOMOTIVE CUTTING & WELDING	3
ABR 157	AUTOMOTIVE PLASTIC REPAIRS	3
ABR 213	AUTOMOTIVE STRUCTURAL ANALYSIS	3
ABR 214	AUTOMOTIVE STRUCTURAL REPAIR	3
ABR 223	AUTOMOTIVE MECHANICAL COMPONENTS	3
ABR 255	STEERING AND SUSPENSION	3
ABR 265	PAINT DEFECTS & FINAL DETAIL	3
ABR 267	SHOP MANAGEMENT	3
ABR 281	SPECIAL TOPICS IN AUTO BODY	3
	Sub-Total Credits	**27**

DIESEL TECHNICIAN OPTION (VT3)
Choose nine courses (27 credits required)

Item #	Title	Credits
DEM 104	BASIC ENGINES	3
DEM 105	PREVENTIVE MAINTENANCE	3
DEM 111	EQUIPMENT SAFETY AND MECHANICAL FUNDAMENTALS	3
DEM 117	DIESEL AND GAS TUNE-UP	3
DEM 122	HEAVY VEHICLE BRAKES	3
DEM 123	PNEUMATIC AND HYDRAULICS	3
DEM 124	ELECTRONIC ENGINE SYSTEMS	3
DEM 125	HEAVY VEHICLE DRIVE TRAINS	3
DEM 126	ADVANCED ENGINE ANALYSIS	3
DEM 127	FUEL SYSTEMS	3
DEM 134	COMPUTER CONTROLLED ENGINE AND POWER TRAIN SYSTEMS	3
DEM 180	SPECIAL PROJECTS IN COMMERCIAL VEHICLES	3
DEM 191	Special Projects in Diesel Mechanics	3
	Sub-Total Credits	**27**

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Sub-Total Credits	**6**
	Total credits for degree:	40

Short-Term Certificate (VTR)
Hamilton & Sumiton Campuses

Program: Vehicle Technology and Repair (VTR)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

AUTOMOTIVE SERVICE EXCELLENCE OPTION (V12)
Select one of these options.

Item #	Title	Credits
VTR 112	ELECTRICAL FUNDAMENTALS	3
	ASE Elective	3
	ASE Elective	3
VTR 133	HEATING AND AIR CONDITIONING	3
	Sub-Total Credits	**12**

AUTO BODY REPAIR OPTION (V2A) -PAINT AND REFINISHING
Select one of these options.

Item #	Title	Credits
ABR 122	SURFACE PREPARATION	3
ABR 123	PAINT APPLICATION & EQUIPMENT	3
ABR 265	PAINT DEFECTS & FINAL DETAIL	3
ABR 267	SHOP MANAGEMENT	3
	Sub-Total Credits	**12**

AUTO BODY REPAIR OPTION (V2B) - NON-STRUCTURAL REPAIR
Select one of these options.

Item #	Title	Credits
ABR 111	NON-STRUCTURAL REPAIR	3
ABR 114	NON-STRUCTURAL PANEL REPLACEMENT	3
ABR 154	AUTOMOTIVE GLASS & TRIM	3
ABR 157	AUTOMOTIVE PLASTIC REPAIRS	3
	Sub-Total Credits	**12**

AUTO BODY REPAIR OPTION (V2C) - STRUCTURAL REPAIRS
Select one of these options.

Item #	Title	Credits
ABR 156	AUTOMOTIVE CUTTING & WELDING	3
ABR 213	AUTOMOTIVE STRUCTURAL ANALYSIS	3
ABR 214	AUTOMOTIVE STRUCTURAL REPAIR	3
ABR 281	SPECIAL TOPICS IN AUTO BODY	3
	Sub-Total Credits	**12**

AUTOBODY REPAIR OPTION (V2D) - MECHANICAL REPAIR
Select one of these options.

Item #	Title	Credits
VTR 112	ELECTRICAL FUNDAMENTALS	3
VTR 133	HEATING AND AIR CONDITIONING	3
ABR 223	AUTOMOTIVE MECHANICAL COMPONENTS	3
ABR 255	STEERING AND SUSPENSION	3
	Sub-Total Credits	**12**

DIESEL TECHNICIAN OPTION (V3D)
Select one of these options.

Item #	Title	Credits
VTR 112	ELECTRICAL FUNDAMENTALS	3
	DEM Elective	3
	DEM Elective	3
VTR 133	HEATING AND AIR CONDITIONING	3
	Sub-Total Credits	**12**
	Total credits for degree:	13

Vehicle Technology and Repair (VTR) Classes

VTR 112: ELECTRICAL FUNDAMENTALS
This course introduces the principles of basic Electrical/Electronic concepts and fundamentals. Topics include basic DC theory, types of diagnostic equipment, circuit protection, wire repair, use of wiring diagrams, airbag modules, and impact sensors. Upon completion, student should be able to identify components, test systems, and repair minor electrical problems according to manufacturer's literature.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 121: BRAKING SYSTEMS
This course covers the theory and repair of braking systems and various other mechanical repairs. Emphasis is placed on the practical application of brakes. Upon completion, students should be able to troubleshoot, adjust and repair braking system.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 122: STEERING AND SUSPENSION
This course introduces students to the various types of suspension and steering systems. Emphasis is placed on the practical application of steering and suspension. Upon completion, students should be able to troubleshoot, adjust, and repair suspension and steering components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 133: HEATING AND AIR CONDITIONING
This course provides basic instruction in theory, operation, and repair of heating and air conditioning/refrigeration systems. Topics include operation theory, safety, maintenance, recycling and recovery procedures, recharging procedures, troubleshooting procedures, refrigerant leaks, and system repairs. Emphasis is placed on the understanding and repair air conditioning and heating systems, including but not limited to air management, electrical and vacuum controls, refrigerant recovery, and component replacement.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

Welding Technology (WDT) Program

Fayette, Hamilton, & Jasper Campuses

Welding is a fabrication process that joins materials. The process occurs by melting work pieces and adding a filler to form a pool of molten material that cools to become a strong joint. Bevill State's welding curriculum provides students with the opportunity to acquire the skills, knowledge, and experience necessary for a career in this rapidly growing field. Emphasis on the technical aspects of welding are included in the course and specialized classes include blueprint reading, fabrication, welding inspection and testing, and cutting. Students may become AWS certified welders upon program completion.

Occupational Outlook Handbook)

Effective July 1, 2011 colleges are required to disclose certain information for any Title IV eligible program that prepares students for gainful employment (as defined by the US Department of Education) in a recognized occupation. The Welding Technology program has been identified as a Gainful Employment program.

*Disclosure information about the programs can be found at **www.bscc.edu/WeldingGainful** & **www.bscc.edu/WeldingSTCGainful***

NOTE: *Check with an advisor for program and course location by campus.*

Welding Technology (WDT) Degrees and Certificates

Welding Technology (WDT) Long-Term Certificate
Fayette, Hamilton, & Sumiton Campuses

Program: Welding Technology (WDT)

Type: Long-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
WDT 108	SMAW FILLET/OFC	3
WDT 109	SMAW FILLET/PAC/CAC	3
WDT 119	GAS METAL ARC/FLUX CORED ARC WELDING	3
WDT 120	SHIELDED METAL ARC WELDING GROOVE	3
WDT 122	SMAW FILLET/OFC LAB	3
WDT 123	SMAW FILLET/PAC/CAC LAB	3
WDT 124	GAS METAL ARC/FLUX CORED ARC WELDING LAB	3
WDT 125	SHIELDED METAL ARC WELDING GROOVE LAB	3
WDT 157	CONSUMABLE WELDING PROCESSES	3
WDT 218	CERTIFICATION	3
WDT 229	BOILER TUBE	3
WDT 257	SMAW CARBON PIPE LAB	3
WDT 258	CERTIFICATION LAB	3
	Sub-Total Credits	**39**

Additional Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
WDT 110	INDUSTRIAL BLUE PRINT READING	3
	Sub-Total Credits	**9**
	Total credits for degree:	49

GMAW/FCAW Welding Certificate (WD2)
Fayette, Hamilton, & Sumiton Campuses

Visit the Welding Technology (WDT) homepage for program description.

Program: Welding Technology (WDT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
WDT 119	GAS METAL ARC/FLUX CORED ARC WELDING	3
WDT 120	SHIELDED METAL ARC WELDING GROOVE	3
WDT 124	GAS METAL ARC/FLUX CORED ARC WELDING LAB	3
WDT 125	SHIELDED METAL ARC WELDING GROOVE LAB	3
WDT 157	CONSUMABLE WELDING PROCESSES	3
	Sub-Total Credits	**15**
	Total credits for degree:	16

Pipe Welding Certificate (WD3)
Fayette, Hamilton, & Sumiton Campuses

Visit the Welding Technology (WDT) homepage for program description.

Program: Welding Technology (WDT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
WDT 218	CERTIFICATION	3
WDT 229	BOILER TUBE	3
WDT 257	SMAW CARBON PIPE LAB	3
WDT 258	CERTIFICATION LAB	3
	Sub-Total Credits	**12**
	Total credits for degree:	13

SMAW Welding Technology (WDT) Short-Term Certificate (WD1)
Fayette, Hamilton, & Sumiton Campuses

Visit the Welding Technology (WDT) homepage for program description.

Program: Welding Technology (WDT)

Type: Short-Term Certificate

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
	Sub-Total Credits	**1**

Field of Study Courses

Item #	Title	Credits
WDT 108	SMAW FILLET/OFC	3
WDT 109	SMAW FILLET/PAC/CAC	3
WDT 122	SMAW FILLET/OFC LAB	3
WDT 123	SMAW FILLET/PAC/CAC LAB	3
	Sub-Total Credits	**12**
	Total credits for degree:	13

Welding Technology (WDT) Classes

WDT 108: SMAW FILLET/OFC
This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of oxy-fuel cutting.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 109: SMAW FILLET/PAC/CAC
This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of carbon arc cutting and plasma arc cutting.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 110: INDUSTRIAL BLUE PRINT READING
Credits: 3
Program: **Welding Technology (WDT)**

WDT 119: GAS METAL ARC/FLUX CORED ARC WELDING
This course introduces the student to the gas metal arc and flux cored arc welding process. Emphasis is placed on safe operation practices, handling and storage of compressed gasses, process principles, component identification, various welding techniques and base and filler metal identification.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Prerequisites: **WDT 109** Or advisor approval
Program: **Welding Technology (WDT)**

WDT 120: SHIELDED METAL ARC WELDING GROOVE
This course provides the student with instruction on joint design, joint preparation, and fit-up of groove welds in accordance with applicable welding codes. Emphasis is placed on safe operation, joint design, joint preparation, and fit-up. Upon completion, students should be able to identify the proper joint design, joint preparation and fit-up of groove welds in accordance with applicable welding codes.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 122: SMAW FILLET/OFC LAB
This course is designed to introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit-up of fillet joints. This course is also designed to instruct students in the safe operation of oxy-fuel cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-3 groups in accordance with applicable welding code and be able to safely operate oxy-fuel equipment and perform those operations as per the applicable welding code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 123: SMAW FILLET/PAC/CAC LAB
This course is designed to introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit-up of fillet joints. This course is also designed to instruct students in the safe operation of plasma arc and carbon arc cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-4 groups in accordance with applicable welding code and be able to safely operate plasma arc and carbon arc equipment and perform those operations as per the applicable welding code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 124: GAS METAL ARC/FLUX CORED ARC WELDING LAB
This course provides instruction and demonstration using the various transfer methods and techniques to gas metal arc and flux cored arc welds. Topics included are safety, equipment set-up, joint design and preparation, and gases.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 125: SHIELDED METAL ARC WELDING GROOVE LAB
This course provides instruction and demonstrations in the shielded metal arc welding process on carbon steel plate with various size F-3 and F-4 group electrodes in all positions. Emphasis is placed on welding groove joints and using various F-3 and F-4 group electrodes in all positions. Upon completion, the student should be able to make visually acceptable groove weld joints in accordance with applicable welding codes.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: **WDT 109** or advisor approval
Program: **Welding Technology (WDT)**

WDT 155: GTAW CARBON PIPE LAB
This course is designed to provide the student with the skills in welding carbon steel pipe with gas tungsten arc welding techniques in various pipe weld positions. Upon completion, students should be able to perform gas tungsten arc welding on carbon steel pipe with the prescribed filler metals in various positions in accordance with the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 156: GTAW STAINLESS PIPE LAB
This course is designed to provide the student with the skills in welding stainless steel pipe with gas tungsten arc welding techniques in various pipe weld positions. Upon completion, students should be able to perform gas tungsten arc welding on stainless steel pipe with the prescribed filler metals in various positions in accordance with the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 157: CONSUMABLE WELDING PROCESSES
This course provides instruction and demonstration with the consumable welding processes to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of electrode, current/polarity, shielding gas and base metals.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 158: CONSUMABLE WELDING PROCESSES LAB
This course provides instruction and demonstration with the consumable welding processes to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of electrode, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using consumable welding processes according to AWS Codes and standards. This course supports CIP code 48.0508.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 160: ROBOTICS LAB I
This course is the practical application of robotics theory. Students will complete machine origins, robotic programming, robotic welding parameters, link programs to create jobs, and allocate a weave start.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 166: FLUX CORE ARC WELDING (FCAW)
This course provides instruction and demonstration with the flux core arc welding process to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of filler metals, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using the FCAW welding process, according to AWS Codes and Standards. This course supports CIP code 48.0508.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 167: FLUX CORE ARC WELDING LAB
This course provides instruction and demonstration with the flux core arc welding process to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of filler metals, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using the FCAW welding process, according to AWS Codes and Standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 180: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 181: SPECIAL TOPICS LAB
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students needs.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 182: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 183: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 184: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 193: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 217: SMAW CARBON PIPE
This course introduces the student to the practices and procedures of welding carbon steel pipe using the shielded metal arc weld (SMAW) process. Emphasis is placed on pipe positions, electrode selection, joint geometry, joint preparation and fit-up. Upon completion, students should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, and fit-up in accordance with applicable codes.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 218: CERTIFICATION
This course is designed to provide the student with the knowledge needed to perform welds using the prescribed welding process. Emphasis is placed on the welding test joints in accordance with the prescribed welding code. Upon completion, students should be able to pass and industry standard welding test in accordance with various applicable welding code requirements.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 219: WELDING INSPECTION & TESTING
This course provides the student with inspection skills and knowledge necessary to evaluate welded joints and apply quality control measures as needed. Emphasis is placed on interpreting welding codes, welding procedures, and visual inspection methods. Upon completion, students should be able to visually identify visual acceptable weldments as prescribed by the code or welding specification report.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Welding Technology (WDT)**

WDT 221: PIPEFITTING AND FABRICATION
This course provides the student with skills and practices necessary for fabricating pipe plans using pipe and fittings. Emphasis is placed on various pipe fittings to include various degree angles. Upon completion, students should be able to fit various pipe fittings, and cut and fabricate tees, and assorted angles.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 223: BLUEPRINT READING FOR FABRICATION
This course provides a student with advanced skills in identifying and interpreting lines, views, dimensions, notes, bill of materials, and the use of tools of the trade. Emphasis is placed on figuring dimensional tolerances, layout and fitting of different component parts. Upon course completion, a student should be able to interpret, layout, and fabricate from blueprints to given tolerances.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 229: BOILER TUBE
This course is designed to provide the student with the practices and procedures of welding boiler tubes using the gas tungsten arc and shielded metal arc welding process to the applicable code. Emphasis is placed on tube fit-up, tube welding technique, and code requirements. Upon completion, students should be able to identify code requirements and tube welding technique.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 251: SMAW Carbon Pipe Lab
Credits: 3
Program: **Welding Technology (WDT)**

WDT 257: SMAW CARBON PIPE LAB
This course is designed to provide the student with the skills in welding carbon steel pipe with shielded metal arc welding techniques in various pipe welding positions. Upon completion, students should be able to perform shielded metal arc welding on carbon steel pipe with the prescribed electrodes in various positions in accordance with the applicable codes.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 258: CERTIFICATION LAB
This course is designed to provide the student with the skills needed to perform welds using the prescribed welding process. Emphasis is placed on the welding test joints in accordance with the prescribed welding code. Upon completion, students should be able to pass and industry standard welding test in accordance with various welding code requirements.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: **WDT 218** or advisor approval. Can also be taken as a co-requisite.
Program: **Welding Technology (WDT)**

WDT 269: BOILER TUBE LAB
This course is designed to provide the student with the skills in welding boiler tubes using the gas tungsten arc and shielded metal arc welding process using filler metals in the F6 and F4 groups to applicable code. Emphasis is placed on welding boiler tubes using the gas tungsten arc and shielded metal arc welding process in the 2G and 6G positions in accordance with the applicable code. Upon completion, students should be able to perform gas tungsten arc and shielded metal arc welding on boiler tubes with the prescribed filler metals in the 2G and 6G positions to the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 280: SPECIAL TOPICS
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 281: SPECIAL TOPICS IN WELDING TECHNOLOGY
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 282: SPECIAL TOPICS
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 291: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 292: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 293: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 294: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 2
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

Course Descriptions

Accounting Technology

ACT 141: BASIC ACCOUNTING PRINCIPLES
This course provides a basic theory of accounting principles and practices used by service and merchandising enterprises. Emphasis is on financial accounting, including the accounting cycle, and financial statement preparation and analysis. Upon completion of this course, the student will be able to apply basic accounting principles and practices used by service and merchandising enterprises.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Accounting Technology**

ACT 246: MICROCOMPUTER ACCOUNTING
This course utilizes the microcomputer in the study of financial accounting principles and practices. Emphasis is placed on the use of software programs for financial accounting applications. Upon completion of this course, the student will be able to use software programs for financial accounting applications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ACT 141 or BUS 241
Program: **Accounting Technology**

ACT 249: PAYROLL ACCOUNTING
This course focuses on federal, state, and local laws affecting payrolls. Emphasis is on payroll accounting procedures and practices, and on payroll tax reports. Upon completion of this course, the student will be able to apply knowledge of federal, state, and local laws affecting payrolls.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ACT 141 OR BUS 241
Program: **Accounting Technology**

ACT 253: INDIVIDUAL INCOME TAX
This course focuses on the fundamentals of the federal income tax laws with primary emphasis on those affecting the individual. Emphasis is on gross income determination, adjustments to income, business expenses, itemized deductions, exemptions, capital gains/losses, depreciation and tax credits. Upon completion of this course the student will be able to apply the fundamentals of the federal income tax laws affecting the individual.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Accounting Technology**

Advanced Engineering Design Technology (EDT)

DDT 104: BASIC COMPUTER AIDED DRAFTING AND DESIGN
This course provides an introduction tobasic Computer Aided Drafting and Design (CADD) functions and techniques, using hands-on applications. Topics include terminology, hardware, basic CADD and operating system functions, file manipulation, and basic CADD software applications in producing softcopy and hardcopy.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 111: FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY
This course serves as an introduction to the field of drafting and design and provides a foundation for the entire curriculum. Topics include safety, lettering, tools and equipment, geometric constructions, and orthographic sketching, and drawing.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 115: BLUEPRINT READING FOR MACHINISTS
This course provides the students with terms and definitions, theory of orthographic projection, and other information required to interpret drawings used in the machine trades. Topics include multiview projection, pictorial drawings, dimensions and notes, lines and symbols, and sketching. Upon completion, students should be able to interpret blueprint drawings used in the machine trades.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 116: BLUEPRINT READING FOR CONSTRUCTION
This course provides the students with terms and definitions, theory or orthographic projection, and other information required to interpret drawings used in the construction trades. Topics include multiview projection, dimensions and notes, lines and symbols, sketching, foundations plans, site plans, floor plans, elevations, sections, details, schedules, electrical plans and specifications. Upon completion, students should be able to interpret blueprint drawings used in the construction and building trades.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 117: MANUFACTURING PROCESSES
This course in materials and processes includes the principles and methodology of material selection, application, and manufacturing processes. Emphasis is directed to solids to include material characteristics, castings, forging, and die assemblies. Upon completion, students should be able to discuss and understand the significance of materials' properties, structure, basic manufacturing processes, and express and interpret material specifications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Engineering Design Technology (EDT)**

DDT 118: BASIC ELECTRICAL DRAFTING
This course covers the universal language of electrical drafting, including electrical lines, symbols, abbreviations, and notation. Emphasis is place on typical components such as generators, controls, transmission networks, and lighting, heating, and cooling devices. Upon completion, students should be able to draw basic diagrams of electrical and electronic circuits using universally accepted lines and symbols.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 124: BASIC TECHNICAL DRAWING
This course covers sections, auxiliary views, and basic space geometry. Emphasis will be placed on the theory as well as the mechanics of applying sections, basic dimensioning, auxiliary views, and basic space geometry.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 125: SURFACE DEVELOPMENT
This course covers sections, auxiliary views, and basic space geometry. Emphasis will be placed on the theory as well as the mechanics of applying sections, basic dimensioning, auxiliary views, and basic space geometry.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 127: INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN
This course covers intermediate-level concepts and applications of CADD. Emphasis will be placed on intermediate-level features, command, and applications of CADD software.CORE

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 128: INTERMEDIATE TECHNICAL DRAWING
This course is designed to develop a strong foundation in common drafting and design practices and procedures. Topics include dimensioning concepts and pictorial drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 130: FUNDAMENTALS OF DRAFTING FOR RELATED TRADES
This course is an applications lab for the theory of related trades drafting. Topics include civil, piping, electronic and welding drawings. Upon completion, students should be able to produce drawings to convey basic information related to these fields.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 131: MACHINE DRAFTING BASICS
This course in machine drafting and design provides instruction in the largest speciality area of drafting in the United States, in terms of scope and job opportunities. Emphasis will be placed on the applications of multi-view drawings, including drawing organization and content, title blocks and parts lists, assembly drawings, detail drawings, dimensioning and application of engineering controls in producing industrial-type working drawings. Upon completion, students should be able to organize, layout, and produce industrial-type working drawings, including the application of title blocks, parts lists, assemblies, details, dimensions, and engineering controls.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 132: ARCHITECTURAL DRAFTING
This course in architectural design and drafting introduces basic terminology, concepts and principles of architectural design and drawing. Topics include design considerations, lettering, terminology, site plans, and construction drawings. Upon completion, students should be able to draw, dimension, and specify basic residential architectural construction drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 133: BASIC SURVEYING
This course covers the use of surveying instruments, mathematical calculations and the theory of land surveying. Topics include USGS benchmarks, measuring horizontal and vertical angles and distances, terms, and recording and interpreting field notes. Upon completion, students should be able to recognize benchmarks and measure, specify, and record field notes.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 134: DESCRIPTIVE GEOMETRY
This course is designed to teach the fundamental concepts of descriptive geometry with an emphasis on logical reasoning, visualization, and practical applications. Topics include orthographic projection, points and lines in space, auxiliary views, plane representation, intersecting and non-intersecting lines, piercing and intersecting planes, plane development, and calculations. Upon completion, students should be able to project and intersect points, lines, and planes, with their relationships in space.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 139: FUNDAMENTALS OF DRAFTING FOR RELATED TRADES LAB
This course is an applications lab for the theory of related trades drafting. Topics include civil, piping, electronic and welding drawings. Upon completion, students should be able to produce drawings to convey basic information related to these fields.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 144: BASIC 3D MODELING
This course is an introduction to 3D solid modeling techniques utilizing featurebased, constraint-based parametric design. This course encourages the student to visualize parts in the 3D world and have a “design intent” plan for each part in which they will design. Upon completion of the course students should be able to create basic 3D models and 2D working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 150: THEORY OF RESIDENTIAL DRAWING AND DESIGN
This course provides the theory of residential drawing and design. Topics include architectural styles, house design, site and space planning, environment, drawing requirements, construction materials and process, terminology, and specific types of drawings required to complete a full set of construction documents. Introductory and intermediate level topics are covered. Emphasis is placed on an understanding of the various issues and requirements essential to the field of residential drawing and design.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 181: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 182: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 183: SPECIAL TOPICS IN DRAFTING AND DESIGN TECHNOLOGY
This course provides specialized instruction in various areas related to the drafting industry. Emphasis is placed on meeting students’ needs.

Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 191: DRAFTING INTERNSHIP
This course is designed for those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 5 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 192: DRAFTING INTERNSHIP
This course is limited to those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 10 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 2
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 2
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 193: DRAFTING INTERNSHIP
This course is limited to those who are involved in a structured employment situation that is directly related to the field of drafting and design and is coordinated with the drafting instructor. The student must spend at least 15 hours per week in an activity planned and coordinated jointly by the instructor and the employer. Upon completion, the student will have gained valuable work experience in a well-planned, coordinated training/work situation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 211: INTERMEDIATE MACHINE DRAFTING
This second course in machine drafting and design provides more advanced instruction in the largest speciality area of drafting. Topics include applications of previously developed skills in the organization and development of more complex working drawings, use of vendor catalogs and the Machinery's Handbook for developing specifications, and use of standardized abbreviations in working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 212: INTERMEDIATE ARCHITECTURAL DRAFTING
This second course in architectural design and drafting continues with more advanced and detailed architectural plans. Topics include interior elevations, plot plans, and interior details. Upon completion, students should be able to draw and specify advanced level plans including various architectural details.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 213: CIVIL DRAFTING PLAT MAPS
This course introduces the drafting practices, symbols, conventions, and standards utilized in civil engineering contract documents. Topics include site planning, land surveying, topographic surveys, along with civil terminology. Upon completion, students should be able to draw accurate plat maps giving legal descriptions of land parcels, draw simple site plans, and identify and use proper symbols and conventions on civil engineering drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 214: PIPE DRAFTING
This course covers the theory and practical applications necessary to understand piping fundamentals as used in refineries and petrochemical plants. Topics include process and mechanical flow diagrams, plant equipment, isometric drawings, instrumentation symbols, pipe symbols, flanges, fittings, and applications of basic math and trigonometry. Upon completion, students should be able to demonstrate pipe drafting techniques and fundamentals in order to prepare working drawings used in refineries and the petrochemical industrial environment.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 215: GEOMETRIC DIMENSIONING & TOLERANCING
This course is designed to teach fundamental concepts of size description by geometric methods including appropriate engineering controls. Emphasis is placed on the drawing and application of common geometric dimensioning and tolerancing symbols to engineering drawings as designated by the latest ANSI/ASME Standards. Upon completion, students should be able to use geometric dimensioning and tolerancing symbols in applying size information and manufacturing controls to working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 216: DESIGN OF STRUCTURAL WOOD MEMBERS
This course provides structural theory and rule-to-thumb design for structural wood members. Joists, beams, girders, rafters, posts, and columns are designed as related to residential and light commercial needs. Bending moment, shear, and slenderness rations are discussed as well as code requirements and rule-of-thumb. Emphasis is placed upon competency.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 220: ADVANCED TECHNICAL DRAWING
This course covers the method of providing size description and manufacturing information for production drawings. Emphasis will be placed on accepted dimensioning and tolerancing practices, including Geometric Dimensioning and Tolerancing for both the Customary English System and the ISO system, fasteners, and welding symbols. Upon completion students should be able to apply dimensions, tolerances, and notes to acceptable standards, including GDT and produce drawings using and specifying common threads and fasteners including welding methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 222: ADVANCED ARCHITECTURAL DRAFTING
This third course in architectural design and drafting continues with advanced architectural plans, including a slant toward light commercial construction. Topics include climate control plans, application of building codes, building materials and finish specifications, cost estimating, and bid specifications. Upon completion, students should be able to apply current techniques in producing advanced-level architectural plans, including residential and light commercial applications. This course is designed to develop the knowledge and skills necessary to understand the basic components and terminology of pre-cast and poured-inplace concrete structures. Emphasis is placed on pre-cast concrete framing plans, sections, fabrication and connection details, poured-in-place concrete foundations, floor systems, and bills of material. Upon completion, students should be able to do construction engineering and shop drawings of concrete beams, column, floor, roof, and wall framing plans using the A.I.S.C. Manual and incorporating safety practices.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124, DDT 132 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 224: STRUCTURAL CONCRETE DRAFTING
This second course in machine drafting and design provides more advanced instruction in the largest speciality area of drafting. Topics include applications of previously developed skills in the organization and development of more complex working drawings, use of vendor catalogs and the Machinery's Handbook for developing specifications, and use of standardized abbreviations in working drawings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104, DDT 111, DDT 124, DDT 131 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 225: STRUCTURAL STEEL DRAFTING
This course covers the theory and practical applications necessary to understand the basic design and terminology of structural steel components used in light commercial buildings. Emphasis is placed on structural steel drafting techniques, bolted and welded connections, framing plans, sections, fabrication and connection details, and bills of material. Upon completion, students should be able to produce engineering and shop drawings incorporating standard shapes, sizes, and details using the A.I.S.C. Manual and incorporating safety practices.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Advanced Engineering Design Technology (EDT)**

DDT 226: TECHNICAL ILLUSTRATION
This course provides the student with various methods of illustrating structures and machine parts. Topics include axonometric drawings; exploded assembly drawings; one point, two point, and three point perspectives; surface textures; and renderings. Upon completion, students should be able to produce drawings and illustrations using the previously described methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 227: STRENGTH OF MATERIALS
This course in statics and strength of materials includes the study of forces and how they act and react on bodies and structures. Topics include the effects of forces as found in structures and machines under conditions of equilibrium, how materials resist forces, strengths of common construction materials and structural components. Force systems such as parallel, concurrent, and nonconcurrent are studied in co-planar and non-coplanar situations. Upon completion, students should understand and be able to apply the principles of force in engineering drawings.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: DDT 104, DDT 111, DDT 124
Program: **Advanced Engineering Design Technology (EDT)**

DDT 231: ADVANCED CAD
This course allows the student to plan, execute, and present results of individual projects in Advanced CAD topics. Emphasis is placed on enhancing skill attainment in Advanced CAD skill sets. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 232: CAD CUSTOMIZATION
This course introduces the various methods of customizing CAD software to meet individual or company needs. Topics include menu customizing, programming, custom command macros, script files, slides, and slide libraries. Upon completion, students should be able to customize and write menus, write programming routines, and write script files for the purpose of increasing the proficiency of the CAD operator.

Credits: 4
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 2
Prerequisites: DDT 104 and DDT 127 or DDT 231 or advisor approval.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 233: INTERMEDIATE 3D MODELING
This course emphasizes the more advanced techniques in 3D solid modeling. It covers advanced features of part creation, part editing, and analysis. Some techniques that will be discussed are: lofting, sweeping, sheet metal part creation, interference checking and stress analysis. Upon completion of the course students should be able to create advanced 3D models and perform stress analysis/interference checking.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 235: SPECIALIZED CAD
This course allows the student to plan, execute, and present results of individual projects in Specialized CAD topics. Emphasis is placed on enhancing skill attainment in Specialized CAD skill sets. The student will be able to demonstrate and apply competencies identified by the instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 236: DESIGN PROJECTS
This course allows the student to plan, execute, and present results of an individual design project. Emphasis is placed on attainment of skills related to a project agreed upon by the instructor and student. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 237: CURRENT TOPICS IN CAD
This course allows the student to plan, execute, and present results of individual projects relating to current topics in CAD. Emphasis is placed on attainment of skills related to changes in current CAD technology. The student will be able to demonstrate and apply competencies identified by the instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 238: SPECIAL TOPICS IN CAD
This course in special CAD and multimedia topics covers special capabilities possible with CAD software, especially in conjunction with other graphical software, such as virtual "walk-throughs" or multimedia presentations. Topics include but are not limited to combining CAD software, image editing software, authoring software, and 3D software into one harmonious relationship to produce multimedia presentations. Upon completion, students should be aware of and understand how to utilize several software packages to produce multimedia presentations.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 244: ADVANCED 3D MODELING
This course is designed to challenge the imagination of the student in a three dimensional problem-solving environment using solids modeling software. The student will develop to scale computer generated parts in the 3D computer environment. They will apply modeling concepts as Constraints, Photorealistic rendering, motion activated views, introduction to 3D part libraries, add-in software components, plastic model technology and simulations. They will be introduced to the concepts of 3D design and animation, then apply those concepts to a design project. Upon completion, students should be able to create parts in 3D models, produce working drawing and understand basic simulations. Students will also print files to ".stl" format and create parts on a Direct Digital Manufacturing system or prototype.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

DDT 260: PORTFOLIO
This course includes the preparation of technical and/or architectural drawings for a portfolio presentation and a resume for portfolio presentation. Hard copy drawings as well as electronic will be discussed, finalized and developed for presentation. Upon completion, students should be able to prepare and produce a portfolio for presentation. This course includes the preparation of artwork and a resume for portfolio presentation. Topics include production of a resume and portfolio for presentation during the last semester of course work. Upon completion, students should be able to prepare and produce a resume and portfolio for presentation in both hard copy as well as electronic copy.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Advanced Engineering Design Technology (EDT)**

Advanced Manufacturing

ADM 101: PRECISION MEASUREMENT
This course covers the use of precision measurement instruments utilized in inspection. In addition, basic blue print reading techniques, reverse engineering, and related industry standards required in advanced manufacturing disciplines are covered. Upon completion, students should be able to demonstrate correct use of precision measuring instruments, interpret basic prints, and apply reverse engineering techniques.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: DDT 104 OR DDT 111
Program: **Advanced Manufacturing**

ADM 116: INTRODUCTION TO CATIA
Introduction to parametric, three-dimensional modeling using CATIA (v5 or 6). Focus on how to navigate within this software, how to create three-dimensional solid models using industry best practices, and then how to create and manipulate assemblies made from these parts. Learn the processes of designing models with CATIA from conceptual sketching, through to solid modeling, assembly design, and drawing production. Upon completion of this course you will have acquired the skills to confidently work with CATIA. Gain an understanding of the parametric design philosophy of CATIA in this extensive hands-on course. It is expected that all new users of CATIA will require this course.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Advanced Manufacturing**

ADM 162: ADDITIVE MANUFACTURING PROCESS-POLYMERS
This course focuses on basic principles and methodology of different types of polymers and processes created with the Additive Manufacturing (AM) process. Comparison of selecting the best type of polymer for production will be discussed. Students receive proper instruction on safety operations, set-up and routine maintenance and production on the AM systems. Students learn the various types of polymer AM systems, i.e. Fused Deposition Manufacturing (FDM), PolyJet, and SLA. Students also learn the software used for each AM system. Upon completion, students will be able to describe the different types of polymers available for the AM process including but not limited to ABS, PC, PC-ABS, ULT, PPSF, and Nylon and explain what the benefits are of basic AM. They should be able to demonstrate how to take a "part" from start to finish on the AM system and be able to select the best process for the type of product being produced.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 144 (or co-requisite)
Program: **Advanced Manufacturing**

ADM 212: INTERMEDIATE CATIA
This course explores the techniques for using CATIA v5/6 to produce working level of engineering drawings. Detail and assembly drawings are created with attention focused on proper views, text, dimensions, tolerances, bills of material, borders and title blocks. Weldments, flat patterns, and other special practices are also examined.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ADM 116
Program: **Advanced Manufacturing**

ADM 261: REVERSE ENGINEERING
During this course students learn the process of quality control inspection of parts and uses of reverse engineering processes employing 3-D printing, scanning, and Coordinate Measuring Machine (CMM technologies). Emphasis is on using applicable software to produce 3-D models or converting scanned images into 3-D models; using CMM for parts inspection and generating points cloud for 3-D modeling; interfacing generated models with reverse engineering methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Prerequisites: DDT 104 OR DDT 111
Program: **Advanced Manufacturing**

Air Conditioning & Refrigeration Technology (ACR)

ACR 111: PRINCIPLES OF REFRIGERATION
This course emphasizes the fundamental principles for air conditioning and refrigeration. Instruction is provided in the theory and principles of refrigeration and heat transfer, HVAC/R system components, common, and specialty tools for HVAC/R, and application of the concepts of basic compression refrigeration. Upon completion, students should identify system components and understand their functions, identify and use common and specialty HVAC/R tools, and maintain components of a basic compression refrigeration system.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 112: HVAC/R SERVICE PROCEDURES
This course covers system performance checks and refrigerant cycle diagnosis. Emphasis is placed on the use of refrigerant recovery/recycle units, industry codes, refrigerant coils and correct methods of charging and recovering refrigerants. Upon completion, students should be able to properly recover/recycle refrigerants and demonstrate safe, correct service procedures which comply with the no-venting laws.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 113: REFRIGERATION PIPING PRACTICES
This course introduces students to the proper installation procedures of refrigerant piping and tubing for the heating, ventilation, air conditioning and refrigeration industry. This course includes various methods of working with and joining tubing. Upon completion, students should comprehend related terminology and be able to fabricate pipe, tubing, and pipe fittings.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 119: FUNDAMENTALS OF GAS HEATING SYSTEMS
This course provides instruction on general service and installation for common gas furnace system components. Upon completion, students will be able to install and service gas furnaces in a wide range of applications.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 120: FUNDAMENTALS OF ELECTRIC HEATING SYSTEMS
This course covers the fundamentals of electric furnace systems. Emphasis is placed on components, general service procedures and basic installation. Upon completion, students should be able to install and service electric furnaces, heat pumps and solar and hydronics systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 121: PRINCIPLES OF ELECTRICITY FOR HVAC/R
This course is designed to provide the student with the basic knowledge of electrical theory and circuitry as it pertains to air conditioning and refrigeration. This course emphasizes safety, definitions, symbols, laws, circuits, and electrical test instruments. Upon completion, students should understand and be able to apply the basic principles of HVAC/R circuits and circuit components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 122: HVAC/R ELECTRICAL CIRCUITS
This course introduces the student to electrical circuits and diagrams. Electrical symbols and basic wiring diagrams are constructed in this course. Upon completion, students should understand standard wiring diagrams and symbols and be able to construct various types of electrical circuits.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 123: HVAC/R ELECTRICAL COMPONENTS
This course introduces students to electrical components and controls. Emphasis is placed on the operations on motors, relays, contactors, starters, and other HVAC electrical components. Upon completion, students should be able to install electrical components and determine their proper operation.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 126: COMMERCIAL HEATING SYSTEMS
This course covers the theory and application of larger heating systems. Emphasis is placed on larger heating systems associated with commercial applications such as gas heaters, boilers, unit heaters and duct heaters. Upon completion, students should be able to troubleshoot and perform general maintenance on commercial heating systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 127: HVAC/R ELECTRIC MOTORS
This course covers the basic maintenance of electric motors used in HVAC/R systems. Topics include types of motors, motor operations, motor installation and troubleshooting motors. Upon completion, students should be able to install and service HVAC/R electric motors.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 128: HEAT LOAD CALCULATIONS
This course focuses on heat flow into and out of building structures. Emphasis is placed on determining heat gain/heat loss of a given structure. Upon completion, students should be able to calculate heat load and determine HVAC equipment size requirements.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 132: RESIDENTIAL AIR CONDITIONING
This course introduces students to residential air conditioning systems. Emphasis is placed on the operation, service, and repair of residential air conditioning systems. Upon completion, students should be able to service and repair residential air conditioning systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 133: DOMESTIC REFRIGERATION
This course covers domestic refrigerators and freezers. Emphasis is placed on installation, removal, and maintenance of components. Upon completion, students should be able to service and adjust domestic refrigeration units.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 134: ICE MACHINES
This course introduces students to commercial ice machines. Emphasis is placed on components, electrical and mechanical operation sequences, control adjustment procedures, preventive maintenance, repairs, and installation procedures. Upon completion, student should be able to install, service and repair commercial ice machines.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 135: MECHANICAL/GAS/SAFETY CODES
This course is to enhance the student knowledge of the International Fuel Gas Code and International Mechanical Code as well as fire and job safety requirements. Emphasis is placed on code book content and compliance with installation requirements. Upon completion, students should be able to apply code requirements to all work.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 144: BASIC DRAWING AND BLUEPRINT READING IN HVAC
This course covers basic drawing and
blueprint reading as applied to the HVAC industry. Emphasis is on three-view drawings, basic duct systems, and isometric piping. Upon course completion, students should be able to perform basic drawings related to HVAC systems and read pertinent blueprints.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 147: REFRIGERATION TRANSITION & RECOVERY THEORY
This course is EPA-approved and covers material relating to the requirements necessary for type I, II, and III universal certifications. Upon completion, students should be prepared to take the EPA 608 certification examination.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 148: HEAT PUMPS SYSTEMS I
Instruction received in this course centers around the basic theory and application of heat pump systems and components. Upon completion, students will be able to install and service heat pumps in a wide variety of applications.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 200: REVIEW FOR CONTRACTORS EXAM
This course prepares students to take the State Certification Examination. Emphasis is placed on all pertinent codes, piping procedures, duct design, load calculation, psychometrics, installation procedures, and air distribution. Upon completion, students should be prepared to take the contractors exam.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 203: COMMERCIAL REFRIGERATION
This course focuses on commercial refrigeration systems. Emphasis is placed on evaporators, condensers, compressors, expansion devices, special refrigeration components and application of refrigeration systems. Upon completion students should be able to service and repair commercial refrigeration systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 209: COMMERCIAL AIR CONDITIONING SYSTEMS
This course focuses on servicing and maintaining commercial and residential HVAC/R systems. Topics include system component installation and removal and service techniques. Upon completion, the student should be able to troubleshoot and perform general maintenance on commercial and residential HVAC/R systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

ACR 210: TROUBLESHOOTING HVAC/R SYSTEMS
This course provides instruction in the use of various meters and gauges used in the HVAC/R industry. Emphasis is placed on general service procedures, system diagnosis, and corrective measure, methods of leak detection, and system evacuation, charging and performance checks. Upon completion, students should be able to perform basic troubleshooting of HVAC/R systems.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Air Conditioning & Refrigeration Technology (ACR)**

Anthropology

ANT 200: INTRODUCTION TO ANTHROPOLOGY
This course is a survey of physical, social, and cultural development and behavior of human beings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Anthropology**

ANT 210: PHYSICAL ANTHROPOLOGY
This course is a study of the human evolution based upon fossil and archaeological records as well as analysis of the variation and distribution of contemporary human populations.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Anthropology**

ANT 220: CULTURAL ANTHROPOLOGY
This course is the application of the concept of culture to study of both primitive and modern society.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ANT 200
Program: **Anthropology**

ANT 230: INTRODUCTION TO ARCHEOLOGY
This course is an introduction to archeological excavation techniques and post excavation laboratory procedures.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Anthropology**

Architectural Engineering Technology

AET 191: BUILDING INFORMATION MODELING (BIM)
The purpose of this course is to introduce the student to Building information Modeling (BIM). The course will provide the student with tools and techniques used to transform 2d drawings into 3d models using Building Information Modeling software. Emphasis will be placed on increasing the students understanding of a design, bid, build construction project by creating or simulating construction process virtually.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Architectural Engineering Technology**

Art

ART 100: ART APPRECIATION
This course is designed to help the student find personal meaning in works of art and develop a better understanding of the nature and validity of art. Emphasis is on the diversity of form and content in original art work. Upon completion, students should understand the fundamentals of art, the materials used and have a basic overview of the history of art.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Art**

ART 103: INTRODUCTION TO ART I
This course is designed as an introduction to the basic fundamentals of art. Emphasis is placed on personal expression and an understanding of the various art media. Upon completion, students should be able to express creative ideas visually and become more aware of media and how it effects communication.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Art**

ART 104: INTRODUCTION TO ART II
This course provides the opportunity for students to work with media problems beyond Introduction to Art I. Emphasis is placed on personal expression and an understanding of various art materials and techniques. Upon completion, students should improve their ability to express creative ideas visually.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 103
Program: **Art**

ART 113: DRAWING I
This course provides the opportunity to develop perceptional and technical skills in a variety of media. Emphasis is placed on communication through experimenting with composition, subject matter and technique. Upon completion, students should demonstrate and apply the fundamentals of art to various creative drawing projects.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Art**

ART 114: DRAWING II
This course advances the students' drawing skills in various art media. Emphasis is placed on communication through experimentation, composition, technique and personal expression. Upon completion, students should demonstrate creative drawing skills, the application of the fundamentals of art, and the communication of personal thoughts and feelings.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 113
Program: **Art**

ART 133: CERAMICS I
This course introduces methods of clay forming as a means of expression. Topics may include hand building, wheel throwing, glazing, construction, design, and the functional and aesthetic aspects of pottery. Upon completion, students should demonstrate through their work, a knowledge of the methods, as well as an understanding of the craftsmanship and aesthetics involved in ceramics.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Art**

ART 134: CERAMICS II
This course develops the methods of clay forming as a means of expression. Topics may include hand building, glazing, design and the functional and aesthetic aspects of pottery, although emphasis will be placed on the wheel throwing method. Upon completion, students should demonstrate improved craftsmanship and aesthetic quality in the production of pottery.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 133
Program: **Art**

ART 173: PHOTOGRAPHY I
This course is an introduction to the art of photography. Emphasis is placed on the technical and aesthetic aspects of photography with detailed instruction in darkroom techniques. Upon completion, students should understand the camera as a creative tool, understand the films, chemicals and papers, and have a knowledge of composition and history.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Art**

ART 174: PHOTOGRAPHY II
This course advances the students' technical and aesthetic knowledge of photography beyond the introductory level. Emphasis is placed on photographic composition and darkroom techniques as a means of communication. Upon completion, students should demonstrate through the photographic process his/her creative and communication skills.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 173
Program: **Art**

ART 203: ART HISTORY I
This course covers the chronological development of different forms of art, such as sculpture, painting, and architecture. Emphasis is placed on history from the ancient period through the Renaissance. Upon completion, students should be able to communicate a knowledge of time period and chronological sequence including a knowledge of themes, styles and of the impact of society on the arts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Art**

ART 204: ART HISTORY II
This course covers a study of the chronological development of different forms of art, such as sculpture, painting and architecture. Emphasis is placed on history from the Baroque to the present. Upon completion, students should be able to communicate a knowledge of time period and chronological sequence including a knowledge of themes, styles and of the impact of society on the arts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Art**

ART 231: WATERCOLOR PAINTING I
This course introduces materials and techniques appropriate to painting on paper with water-based medium. Emphasis is placed on developing the technical skills and the expressive qualities of watercolor painting. Upon completion, students should be able to demonstrate a basic proficiency in handling the techniques of watercolor and how it can be used for personal expression.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 113 or advisor approval.
Program: **Art**

ART 232: WATERCOLOR II
This course advances the skills and techniques of painting on paper using water based medium. Emphasis is placed on exploring the creative uses of watercolor and developing professional skills. Upon completion, students should demonstrate and compile a body of original paintings that reflect a personal awareness of the media's potential.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 231
Program: **Art**

ART 233: PAINTING I
This course is designed to introduce the student to fundamental painting processes and materials. Topics include art fundamentals, color theory, and composition. Upon completion, students should be able to demonstrate the fundamentals of art and discuss various approaches to the media and the creative processes associated with painting.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 113 or advisor approval.
Program: **Art**

ART 234: PAINTING II
This course is designed to develop the student's knowledge of the materials and procedures of painting beyond the introductory level. Emphasis is placed on the creative and technical problems associated with communicating through composition and style. Upon completion, students should be able to demonstrate the application of the fundamentals of painting and the creative process to the communication of ideas.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: ART 233
Program: **Art**

ART 291: SUPERVISED STUDY IN STUDIO ART I
This course is designed to enable the student to continue studio experiences in greater depth. Topics are to be chosen by the student with the approval of the advisor. Upon completion, the student should have a greater expertise in a particular area of art.

Credits: 4
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Prerequisites: Advisor approval.
Program: **Art**

Astronomy

AST 200: OBSERVATIONAL ASTRONOMY
This is a laboratory course which introduces the student to the techniques of astronomical observation. Evening laboratory work will be required.

Credits: 2
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 0
Program: **Astronomy**

AST 220: INTRODUCTION TO ASTRONOMY
This course covers the history of astronomy and the development of astronomical thought leading to the birth of modern astronomy and its most recent development. Emphasis is placed on the coverage of astronomical instruments and measuring technologies, the solar system, the Milky Way galaxy, important extra galactic objects and cosmology. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Program: **Astronomy**

Auto Body Repair Technology

ABR 111: NON-STRUCTURAL REPAIR
Students are introduced to basic principles of non-structural panel repairs. Topics include shop safety, identification and use of hand/power tools, panel preparation, sheet metal repairs, and materials.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 114: NON-STRUCTURAL PANEL REPLACEMENT
Students are introduced to the principles of non-structural panel replacement. Topics include replacement and alignment of bolt on panels, full and partial panel replacement procedures, and attachment methods.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 122: SURFACE PREPARATION
This course introduces students to methods of surface preparation for vehicular refinishing. Topics include sanding techniques, metal treatment, selection of undercoats, and proper masking procedures.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 123: PAINT APPLICATION & EQUIPMENT
This course introduces students to methods of paint application and equipment used for vehicular refinishing. Topics include spray gun and related equipment use, paint mixing, matching, and applying the final topcoat.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 151: SAFETY & ENVIRONMENTAL PRACTICES
This course is designed to instruct the student in the safe use of tools, equipment, and appropriate work practices. Topics include OSHA requirements, the right-to-know laws, EPA regulations as well as state and local laws.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 154: AUTOMOTIVE GLASS & TRIM
This course is a study of automotive glass and trim. Emphasis is placed on removal and replacement of structural and nonstructural glass and automotive trim. Upon completion, students should be able to remove and replace automotive trim and glass.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 156: AUTOMOTIVE CUTTING & WELDING
Students are introduced to the various automotive cutting and welding processes. Emphasis is placed on safety, plasma arc, oxy-acetylene cutting, resistance type spot welding, and Metal Inert Gas (MIG) welding. Upon completion, students should be able to safely perform automotive cutting and welding procedures.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 157: AUTOMOTIVE PLASTIC REPAIRS
This course provides instruction in automotive plastic repairs. Topics include plastic welding (airless, hot and chemical), use of flexible repair fillers, identification of types of plastics, and determining the correct repair procedures for each. Upon completion, students should be able to correctly identify and repair the different types of automotive plastics.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 213: AUTOMOTIVE STRUCTURAL ANALYSIS
Students learn methods of determining structural misalignment. Topics include methods of inspection, types of measuring equipment, data sheets, and identifying types of structural damage.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 214: AUTOMOTIVE STRUCTURAL REPAIR
This course provides instruction in the correction of structural damage. Topics include types and use of alignment equipment, anchoring and pulling methods, and repair/replacement of structural components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 223: AUTOMOTIVE MECHANICAL COMPONENTS
This course provides instruction in collision related mechanical repairs. Emphasis is placed on diagnosis and repairs to drive train, steering/suspension components, and various other mechanical repairs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 255: STEERING AND SUSPENSION
This course introduces students to the various types of suspension and steering systems used in the automotive industry. Emphasis is placed on system components, suspension angles and effect of body/frame alignment on these components and angles.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 265: PAINT DEFECTS & FINAL DETAIL
This course introduces students to methods of identifying paint defects, causes, cures, and final detailing. Students learn to troubleshoot and correct paint imperfections.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 267: SHOP MANAGEMENT
This course introduces the students to the basic principles of body shop management. Emphasis is placed on management structure, customer/insurance company relations, sound business practices, principles of cycle time, and basic collision/damage estimation. Upon completion, students should be able to understand the principles of operating a collision repair facility.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Auto Body Repair Technology**

ABR 281: SPECIAL TOPICS IN AUTO BODY
This course is guided independent study in special projects to give the student additional training in a specific area selected by the instructor. Emphasis is placed on individual student needs to improve or expand skills. Upon course completion, students should be able to demonstrate skills to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Auto Body Repair Technology**

Automated Manufacturing Technology

AUT 100: INTRODUCTION TO AUTOMOTIVE CONCEPTS
An introduction to automotive manufacturing concepts is the focus of this course. This course reviews the history of automotive manufacturing and discusses the automotive manufacturing processes for various automotive assembly and sub-assemblys plants. It outlines the historical development of automotive manufacturing in Alabama. Finally, the electro-mechanical systems and body components of a typical vehicle will be examined.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Automated Manufacturing Technology**

AUT 102: MANUFACTURING FUNDAMENTALS
This course will introduce students to manufacturing fundamentals. It introduces various tools and techniques typically used in Lean manufacturing. It also will provide Occupational Safety and Health Administration (OSHA) certification instruction. OSHA standards will include electrical, Lock Out/Tag Out, hazardous communications, personal protective equipment, machine guarding, and walking and working surfaces.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Automated Manufacturing Technology**

AUT 104: BLUEPRINT READING FOR MANUFACTURING
This course provides the students with terms and definitions, theory of orthographic projection, and other information required to interpret drawings used in the manufacturing and industrial trade areas. Topics include multi-view projection, pictorial drawings, dimensions and notes, lines and symbols, tolerances, industrial applications, scales and quality requirements. Upon completion, students should be able to interpret blueprint drawings used in the manufacturing and industrial trades. This course may be tailored to meet specific local industry needs.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Automated Manufacturing Technology**

AUT 110: DC FUNDAMENTALS
This course is designed to provide students with a working knowledge of basic direct current (DC) electrical principles. Topics include safety, basic atomic structure and theory, magnetism, conductors, insulators, use of Ohm's law to solve for voltage, current, and resistance, electrical sources, POWER, inductors, and capacitors. Students will perform lockout/tagout procedures, troubleshoot circuits and analyze series, parallel, and combination DC circuits using the electrical laws and basic testing equipment to determine unknown electrical quantities.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Automated Manufacturing Technology**

AUT 111: AC FUNDAMENTALS
This course is designed to provide students with a working knowledge of basic alternating current (AC) electrical principles. Topics include basic concepts of electricity, electrical components, basic circuits, measurement instruments, the laws of alternating current, and electrical safety with lockout procedures. Hands on laboratory exercises are provided to analyze various series, parallel, and combination alternating current circuit configurations containing resistors, inductors, and capacitors. Upon course completion, students will be able to describe and explain alternating current circuit fundamentals such as RLC circuits, impedance, phase relationships, and power factors. They should also be able to perform fundamental tasks associated with troubleshooting, repairing, and maintaining industrial AC systems.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Automated Manufacturing Technology**

AUT 114: INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS
This course provides an introduction to programmable logic controllers. Emphasis is placed on, but not limited to, the following: PLC hardware and software, numbering systems, installation, and programming. Upon completion, students must demonstrate their ability by developing, loading, debugging, and optimizing PLC programs.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Automated Manufacturing Technology**

AUT 116: INTRODUCTION TO ROBOTICS
This course provides instruction in concepts and theories for the operation of robotic servomotors and power systems used with industrial robotic equipment. Emphasis is on the application of the computer to control power systems to perform work. Student competencies include understanding of the functions of hydraulic, pneumatic, and electrical power system components, ability to read and interpret circuitry for proper trouble shooting and ability to perform preventative maintenance.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automated Manufacturing Technology**

AUT 117: AC/DC MACHINES
This course covers the theory and operation of DC motors single and three phase AC motors and the labs will reinforce this knowledge. Emphasis is placed on the various types of single and three phase motors, writing diagrams, starting devices, and practical application in the lab. This course is also taught as ELT 117.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automated Manufacturing Technology**

AUT 130: FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS
This course provides an introduction to hydraulics/pneumatics. Topics include hydraulic pumps, pneumatic compressors work and system components such as valves, filters, regulators, actuators, accumulators, and lubricators. The lab enables students to test, troubleshoot and repair hydraulic pumps, pneumatic compressors work and system components such as valves, filters, regulators, actuators, accumulators, and lubricators. Upon completion, students will be able to apply principles of hydraulic/pneumatics.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Automated Manufacturing Technology**

AUT 139: INTRO TO ROBOTIC PROGRAMMING
Credits: 3
Program: **Automated Manufacturing Technology**

AUT 221: ADVANCED PROGRAMMABLE LOGIC CONTROLLERS
This course includes advanced principles of PLC's including hardware, programming, and troubleshooting. Emphasis is placed on developing advanced working programs, and troubleshooting hardware and software communication problems. Upon completion, students should be able to demonstrate their ability in developing programs and troubleshooting the system.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Automated Manufacturing Technology**

AUT 234: INDUSTRIAL MOTOR CONTROLS I
This course is a study of the construction, operating characteristics, and installation of different motor control circuits and devices. Emphasis is placed on the control of three phase AC motors. This course covers the use of motor control symbols, magnetic motor starters, running overload protection, pushbutton stations, multiple control stations, two wire control, three wire control, jogging control, sequence control, and ladder diagrams of motor control circuits. Upon completion, students should be able to understand the operation of motor starters, overload protection, interpret ladder diagrams using pushbutton stations and understand complex motor control diagrams.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Automated Manufacturing Technology**

Automotive Service Excellence

ASE/AUM 101: FUNDAMENTALS OF AUTOMOTIVE TECHNOLOGY
This course provides basic instruction in Fundamentals of Automotive Technology. This is a CORE course and supports CIP code 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 121: BRAKING SYSTEMS
This course provides instruction in automotive technology or auto mechanics. Emphasis is placed on the practical application of brakes.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 122: SUSPENSION AND STEERING
This course provides instruction in automotive technology or auto mechanics. Emphasis is placed on the practical application of steering and suspension.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 124: AUTOMOTIVE ENGINES
This course provides instruction on the operation, design, and superficial repair of automotive engines. Emphasis is placed on understanding the four stroke cycle, intake and exhaust manifolds and related parts, engine mechanical timing components, engine cooling and lubrication system principles and repairs, and basic fuel and ignition operation. This is a CORE course and supports CIP code 47.0604 and 15.0803.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 130: DRIVE TRAIN & AXLES
This course provides basic instruction in automotive drive trains and axles. Emphasis is placed on the understanding and application of basic internal and external operation relating to proper operation and driveability. ABR 223 Automotive Mechanical Components is a suitable substitute for this course. This is a CORE course.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 162: ELECTRICAL AND ELECTRONIC SYSTEMS
This is an intermediate course in automotive electrical and electronic systems. Emphasis is placed on troubleshooting and repair of battery, starting, charging, and lighting systems, subsystems, and components. This is a CORE course.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 212: ADVANCED ELECTRICAL & ELECTRONIC SYSTEMS
This course provides instruction in advanced automotive electrical and electronic systems. Emphasis is placed on troubleshooting and repair of advanced electrical and electronic systems, subsystems, and components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 220: ADVANCED AUTOMOTIVE ENGINES
This course provides in depth instruction concerning internal engine diagnosis, overhaul and repair, including but not necessarily limited to the replacement of timing chains, belts, and gears, as well as the replacement or reconditioning of valve train components as well as replacement of pistons, connecting rods, piston rings, bearings, lubrication system components, gaskets, and oil seals. This course supports CIP code 47.0604 and 15.0803.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 224: MANUAL TRANSMISSION & TRANSAXLE
This course covers basic instruction in manual transmissions and transaxles. Emphasis is placed on the understanding and application of basic internal and external operation relating to proper operation and driveability. This course supports CIP codes 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 230: AUTO TRANSMISSION & TRANSAXLE
This course provides basic instruction in automatic transmissions and transaxles. Emphasis is placed on the comprehension of principles and powerflow of automatic transmissions and repairing or replacing internal and external components. This is a CORE course supports CIP Code 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 239: ENGINE PERFORMANCE
This course provides basic instruction in engine performance with emphasis on fuel and ignition systems relating to engine operation. This is a CORE course and supports CIP code 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 244: ENGINE PERFORMANCE AND DIAGNOSTICS
This course provides advanced instruction in engine performance. Emphasis is placed on engine management and computer controls of ignition, fuel, and emissions systems relating to engine performance and driveability. This is a CORE course and supports CIP Code 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 246: AUTOMOTIVE EMISSIONS
This is an introductory course in automotive emission systems. Emphasis is placed on troubleshooting and repair of systems, subsystems, and components. This course supports CIP code 15.0803 and 47.0604.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Automotive Service Excellence**

ASE/AUM 281: SPECIAL TOPICS
These courses are designed to allow the student to specialize in a particular area of study with minimum instruction in automotive mechanics application and with evaluation at the instructor's discretion. Emphasis is placed on a topic/project that the student is interested in and may include any automotive or related area in automotive mechanics. Upon completion, the student should be able to work with minimum instruction and execute the necessary techniques to finish a live work project of their choice.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Automotive Service Excellence**

Barbering

BAR 108: INTRODUCTION TO BARBERING
Introduction to Barbering Lab This course provides an orientation to professional barber styling. Topics include learning skills, history of barbering, professional image, microbiology, safety infection control, implements and tools, razor shaving properties and disorders of hair and scalp, and the treatment of hair.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Co-Requisites: BAR 111
Program: **Barbering**

BAR 109: BACTERIOLOGY AND SANITATION
Orientation to Barbering and BAR 111 Introduction to Barbering Lab This course provides the theory of bacteriology and sanitation. Topics include the types of bacteria and sanitation procedures, and razor shaving. Upon completion, the student should be able to identify types of bacteria and methods of sanitation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Co-Requisites: BAR 110
Program: **Barbering**

BAR 110: ORIENTATION TO BARBERING
Bacteriology and Sanitation and BAR 111 Introduction to Barbering Lab This course provides an orientation to professional barber styling. Topics include professional image, basic fundamentals, and the history of barber-styling. Upon completion, the student should be able to identify the core concepts of the profession.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Co-Requisites: BAR 109
Program: **Barbering**

BAR 111: INTRODUCTION TO BARBERING LAB
This course provides practical application of barber-styling fundamentals. Emphasis is placed on safety, infection control, the use and care of implements, treatment of hair, and razor shaving. Upon completion, the student will demonstrate proper infection control, hair care, and use of implements.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Co-Requisites: BAR 108 Introduction to Barbering
Program: **Barbering**

BAR 112: SCIENCE OF BARBERING
This course introduces the student to the basic science of barber-styling. Topics include anatomy/physiology, disorders and treatments of the skin, scalp, and hair, the theory of facial and scalp massage. Upon completion, the student should be familiar with the anatomical structures, as well as disorders and treatments of the skin, scalp, and hair.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Co-Requisites: BAR 113 Fundamentals of Barbering Applications
Program: **Barbering**

BAR 113: FUNDAMENTALS OF BARBERING APPLICATIONS
This course provides practical application of barber fundamentals learned in earlier courses. Emphasis is placed on safety, facial massage, treatment of hair and scalp, proper use and care of implements, shampooing and haircutting, and razor shaving. Upon completion, the student should be able to perform fundamental barbering techniques with limited supervision.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Co-Requisites: BAR 112 Science of Barbering
Program: **Barbering**

BAR 114: BARBER-STYLING LAB
This course provides students with the opportunity to demonstrate skills in hair care, hair cutting, and facial massage. Emphasis is placed on safety and infection control.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 115: CUTTING AND STYLING TECHNIQUES
This course provides practical experience in basic scissor and clipper haircutting. Upon completion, the student will be able to cut and style a client's hair, demonstrating correct scissor and clipper cutting and styling techniques.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 120: PROPERTIES OF CHEMISTRY
This course provides the student with a basic knowledge of chemicals used in barber-styling. Topics include the changes produced in the hair and skin through exposure to chemicals, electricity, and special light spectrums. Upon completion, the student should understand the proper use of implements and chemicals to treat hair and skin.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Barbering**

BAR 121: CHEMICAL HAIR PROCESSING
This course provides students with opportunities to apply the use of chemicals to alter the appearance of hair. Emphasis is placed on the use of chemicals to relax, wave, and soft curl and hair. Upon completion, students will be competent in the use of chemicals to produce desired structure changes to the hair.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 122: HAIR COLORING CHEMISTRY
This course provides the student with a basic knowledge of hair color alteration. Topics include temporary, semi-permanent, and permanent changes. Upon completion, the student should be able to identify and explain the procedures for each classification of hair color alteration.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Barbering**

BAR 124: HAIR COLORING METHODOLOGY LAB
This course provides the student an opportunity for practical application of all classifications of chemical hair coloring and processing products in a supervised environment. Emphasis is placed on experience in all classifications of hair coloring and processing procedures.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 130: MARKETING AND BUSINESS MANAGEMENT
This course provides the student with marketing and management skills that are essential for successful salon management. Topics include first aid, job search, bookkeeping, selling techniques, shop floor plans, shop location, and legal regulations. Upon completion, the student should be aware of marketing and business management requirements for a successful salon.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Barbering**

BAR 132: STYLING AND DESIGN
This course introduces the student to the art of hair style and design. Topics include the selection of styles to create a mood or compliment facial features as well as hair replacement and hair pieces. Upon completion, the student should know the principals of style and design.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Barbering**

BAR 133: STYLING AND MANAGEMENT
This course includes hair styling and management procedure. Emphasis is placed on styling, management, marketing, and legal regulations. Upon completion, the student should be able to integrate a variety of skills and be ready to begin an internship in a salon setting.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 140: PRACTICUM
This course provides the student an opportunity to combine knowledge and skill covering all aspects of barber-styling in a professional setting or school lab with minimal supervision. Emphasis is placed on utilization of the knowledge and technical skills covered in the barbering-styling curriculum. Upon completion the student should be able to function in a professional setting with very little assistance.

Credits: 2
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 141: PRACTICUM
This course provides the student an additional opportunity to combine knowledge and skill covering all aspects of barber-styling in a professional setting or school lab with minimal supervision. Emphasis is placed on utilization of the knowledge and technical skills covered in the barbering-styling curriculum. Upon completion the student should function in a professional setting as a productive employee or manager.

Credits: 2
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 143: STATE BOARD REVIEW
Students are provided a complete review of all written and practical procedures in barbering and state board requirements. Upon completion students should be able to demonstrate the practical skills necessary to meet the requirements of state board certification and employment.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Barbering**

BAR 181: SPECIAL TOPICS IN BARBERING
This course provides specialized instruction in various areas related to the barbering profession. Student learning outcomes are developed to support specific student needs.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Barbering**

BAR 183: SPECIAL TOPICS IN BARBERING
This course provides specialized instruction in various areas related to the barbering profession. Student learning outcomes are developed to support specific student needs.

Credits: 2
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Barbering**

BAR 185: SPECIAL TOPICS IN BARBERING
This course provides specialized instruction in various areas related to the barbering profession. Student learning outcomes are developed to support specific student needs.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Barbering**

BAR 187: SPECIAL TOPICS IN BARBERING
This course provides specialized instruction in various areas related to the barbering profession. Student learning outcomes are developed to support specific student needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Barbering**

Basic Study Skills

BSS 090: BASIC STUDY SKILLS
This course is designed to introduce students to the basic skills of "how to study". The course includes activities such as an assessment through testing of academic/study strengths and weaknesses, general information about effective study techniques, and applications of study techniques for specific courses. May be repeated for credit.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Basic Study Skills**

BSS 100: CAREER PLANNING AND PERSONAL DEVELOPMENT
This courses is designed to provide an awareness of and preparation for the world of work. It provides direction in career planning by evaluating individual interest, values, skills, and personality needs to set career goals and establish strategies to achieve those goals.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Basic Study Skills**

BSS 101: INTERMEDIATE STUDY SKILLS (Nursing Students Only)
This course is designed for nursing students and offers a variety of effective study techniques. The course includes an assessment of study strengths and weaknesses and specific techniques for an overall system of successful study in nursing courses. BSS 101 is required of all nursing students seeking readmission into the program.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Eligibility for ENG 101 and MTH 116
Program: **Basic Study Skills**

Biology

BIO 103: PRINCIPLES OF BIOLOGY I
This is an introductory course for science and non-science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are explained through a study of cell structure and function, cellular reproduction, basic biochemistry, cell energetics, the process of photosynthesis, and Mendelian and molecular genetics. Also included are the scientific method, basic principles of evolution, and an overview of the diversity of life with emphasis on viruses, prokaryotes, and protists. Lab is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: Regular admission status
Program: **Biology**

BIO 104: PRINCIPLES OF BIOLOGY II
This course is an introduction to the basic ecological and evolutionary relationships of plants and animals and a survey of plant and animal diversity including classification, morphology, physiology, and reproduction. Lab is required.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: BIO 103
Program: **Biology**

BIO 201: HUMAN A & P I
Human Anatomy and Physiology I covers the structure and function of the human body. Included is an orientation of the human body, basic principles of chemistry, a study of cells and tissues, metabolism, joints, the integumentary, skeletal, muscular, and nervous systems, and the senses. Dissection, histological studies, and physiology are featured in the laboratory experience. Lab is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: BIO 103
Program: **Biology**

BIO 202: HUMAN A & P II
Human Anatomy and Physiology II covers the structure and function of the human body. Included is a study of basic nutrition, basic principles of water, electrolyte, and acid-base balance, the endocrine, respiratory, digestive, excretory, cardiovascular, lymphatic, and reproductive systems. Dissection, histological studies, and physiology are featured in the laboratory experience. Lab is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: BIO 103 & BIO 201
Program: **Biology**

BIO 220: GENERAL MICROBIOLOGY
This course includes historical perspectives, cell structure and function, microbial genetics, infectious diseases, immunology, distribution, physiology, culture, identification, classification, and disease control of microorganisms. The laboratory experience includes micro-techniques, distribution, culture, identification, and control. Lab is required.

Credits: 4
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 2
Prerequisites: BIO 103 (RECOMMENDED 4 SEMESTER HOURS OF CHEMISTRY)
Program: **Biology**

BIO 230: HUMAN PATHOPHYSIOLOGY
Human Pathophysiology covers the nature, etiology, prognosis, prevention, and therapeutics of human disease. Lab is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: BIO 201, BIO 202 AND BIO 220.
Program: **Biology**

Business

BUS 175: RETAILING
This course is a study of the principles and practices of retailing. Topics include planning, policies and procedures of distribution, store design, layout and location, the economic and social role of retailing, competitive strategies, and retail management.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 177: SALESMANSHIP
This course provides an introduction to the principles and practices of ethical salesmanship. Topics include industrial and retail selling methods of market analysis, professional salesmanship and sales methods, consumer types, attitudes, and behavior.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 189: HUMAN RELATIONSHIPS
This course enables employees to better understand actions and motivations within the organizational structure. Topics include general principles of human behavior operating in the workplace.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 215/OAD 133: BUSINESS COMMUNICATION
This course covers written, oral and nonverbal communications. Topics include the application of communication principles to the production of clear, correct, and logically organized faxes, e-mail, memos, letters, resumes, reports, and other business communications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 241: PRINCIPLES OF ACCOUNTING I
This course is designed to provide a basic theory of accounting principles and practices used by service and merchandising enterprises. Emphasis is placed on financial accounting, including the accounting cycle, and financial statement preparation analysis.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 242: PRINCIPLES OF ACCOUNTING II
This course is a continuation of BUS 241. In addition to a study of financial accounting, this course also places emphasis upon managerial accounting, with coverage of corporations, statement analysis introductory cost accounting, and use of information for planning, control, and decision making.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: BUS 241 with a grade of “C” or higher
Program: **Business**

BUS 263: THE LEGAL AND SOCIAL ENVIRONMENT OF BUSINESS
This course provides an overview of the legal and social environment for business operations with emphasis on contemporary issues and their subsequent impact on business. Topics include the Constitution, the Bill of Rights, the legislative process, civil and criminal law, administrative agencies, trade regulations, consumer protection, contracts, employment, and personal property.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 271: BUSINESS STATISTICS I
This is an introductory study of basic statistical concepts applied to economic and business problems. Topics include the collection, classification, and presentation of data, statistical description and analysis of data, measures of central tendency and dispersion, elementary probability, sampling, estimation and introduction to hypothesis testing.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate score on Math Placement Test or MTH 100 or higher.
Program: **Business**

BUS 272: BUSINESS STATISTICS II
This course is a continuation of BUS 271. Topics include sampling theory, statistical interference, regression and correlation, chi square, analysis of variance, time series index numbers, and decision theory.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: BUS 271 with a “C” or higher
Program: **Business**

BUS 275: PRINCIPLES OF MANAGEMENT
This course provides a basic study of the principles of management. Topics include planning, organizing, staffing, directing, and controlling with emphasis on practical business applications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 276: HUMAN RESOURCE MANAGEMENT
This course provides an overview of the responsibilities of the supervisor of human resources. Topics include the selection, placement, testing, orientation, training, rating, promotion, and transfer of employees.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 277: MANAGEMENT SEMINAR
This course offers study of current problems, issues, and developments in the area of management. Students are guided through individual projects and outside research related to their areas of concentration and employment training.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 279: SMALL BUSINESS MANAGEMENT
This course provides an overview of the creation and operation of a small business. Topics include buying a franchise, starting a business, identifying capital resources, understanding markets, managing customer credit, managing accounting systems, budgeting systems, inventory systems, purchasing insurance, and the importance of appropriate legal counsel.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 284: ECONOMIC LABOR RELATIONS
This is a basic management course in the field of labor. Topics include psychological and institutional factors, economic factors and economic analysis in such areas of the labor-management relations.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 285: PRINCIPLES OF MARKETING
This course provides a general overview of the field of marketing. Topics include marketing strategies, channels of distribution, marketing research, and consumer behavior.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 291-292-293: ALTERNATING BUSINESS CO-OP I-II-III
This three-course sequence allows students to alternate semesters of full-time work in a job closely related to the student's academic major with semesters of full-time academic work. Emphasis is placed on a student's work experience as it integrates academic knowledge with practical applications in the business environment. The grade is based on the employer's evaluation of student productivity, evaluative reports submitted by the student, and the development and assessment by the student of a learning contract.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

BUS 296-297: BUSINESS INTERNSHIP I-II
This two-course sequence allows the student to work part time on a job closely related to his/her academic major while attending classes on a full-time basis. Emphasis is placed on a student's work experience as it integrates academic knowledge with practical applications in the business environment. The grade is based on a term paper, job-site visits by the instructor, the employer's evaluation of the student, and the development and assessment by the student of a learning contract.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Minimum 6 sem. hours completed. Minimum GPA 2.0 (C).
Program: **Business**

BUS 298: DIRECTED STUDIES
This course offers independent study under faculty supervision. Emphasis is placed on subject relevancy and student interest and need.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

MKT 223: CUSTOMER SERVICE
This course presents the foundations required for developing skills and knowledge to work effectively with internal and external customers. The students will gain an understanding of the skills, attitudes, and thinking patterns needed to win customer satisfaction and loyalty.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Business**

Chemistry

CHM 104: INTRODUCTION TO INORGANIC CHEMISTRY
This is a survey course of general chemistry for students who do not intend to major in science or engineering and may not be substituted for CHM 111. Lecture will emphasize the facts, principles, and theories of general chemistry including math operations, matter and energy, atomic structure, symbols and formulas, nomenclature, the periodic table, bonding concepts, equations, reactions, stoichiometry, gas laws, phases of matter, solutions, pH, and equilibrium reactions. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 098 or higher or equivalent MTH 098 placement score.
Program: **Chemistry**

CHM 105: INTRODUCTION TO ORGANIC CHEMISTRY
This is a survey course of organic chemistry and biochemistry for students who do not intend to major in science or engineering. Topics will include basic nomenclature, classification of organic compounds, typical organic reactions, reactions involved in life processes, function of biomolecules, and the handling and disposal of organic compounds. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: CHM 104 or CHM 111.
Program: **Chemistry**

CHM 111: COLLEGE CHEMISTRY I
This is the first course in a two-semester sequence designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic-molecular theory, condensed matter, solutions, colloids, and some descriptive chemistry topics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Co-Requisites: MTH 112 or higher or equivalent math placement score.
Program: **Chemistry**

CHM 112: COLLEGE CHEMISTRY II
This is the second course in a two-semester sequence designed primarily for the science and engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, an introduction to organic chemistry and biochemistry, atmospheric chemistry, and selected topics in descriptive chemistry including the metals, nonmetals, semi-metals, coordination compounds, transition compounds, and post-transition compounds. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: CHM 111
Program: **Chemistry**

CHM 121: CHEMISTRY RECITATION I
This course focuses on strengthening the student's problem solving skills as related to the content of CHM 111 (College Chemistry II).

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Co-Requisites: CHM 111
Program: **Chemistry**

CHM 122: CHEMISTRY RECITATION II
This course focuses on strengthening the student's problem solving skills as related to the content of CHM 112 (College Chemistry I).

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Co-Requisites: CHM 112
Program: **Chemistry**

CHM 220: QUANTITATIVE ANALYSIS
This course covers the theories, principles, and practices in standard gravimetric, volumetric, calorimetric, and electrometric analysis with special emphasis on equilibrium in acid-base and oxidation-reduction reactions and stoichiometry of chemical equations. Laboratory is required and will include classical techniques in chemical analysis, modern methods of chemical separation, and basic instrumental techniques.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: CHM 112
Program: **Chemistry**

CHM 221: ORGANIC CHEMISTRY I
This is the first course in a two-semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for aliphatic, alicyclic, and aromatic compounds with special emphasis on reaction mechanisms, spectroscopy, and stereochemistry. Laboratory is required and will include the synthesis and confirmation of representative organic compounds with emphasis on basic techniques.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: CHM 112
Program: **Chemistry**

CHM 222: ORGANIC CHEMISTRY II
This is the second course in a two-semester sequence. Topics in this course include nomenclature, structure, physical and chemical properties, synthesis, and typical reactions for aliphatic, alicyclic, aromatic, and biological compounds, polymers and their derivatives, with special emphasis on reaction mechanisms, spectroscopy, and stereochemistry. Laboratory is required and will include the synthesis and confirmation of representative organic compounds with emphasis on basic techniques.

Credits: 4
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 3
Prerequisites: CHM 221
Program: **Chemistry**

CHM 225: RECITATION IN ORGANIC CHEMISTRY I
This course includes problem solving work sessions in support of CHM 221 lecture and lab.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Co-Requisites: CHM 221
Program: **Chemistry**

CHM 226: RECITATION IN ORGANIC CHEMISTRY II
This course includes problem solving work sessions in support of CHM 222 lecture and lab.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: CHM 222
Program: **Chemistry**

Child Development (CHD)

CHD 100: INTRODUCTION TO EARLY CARE AND EDUCATION OF CHILDREN
This course introduces the child care profession including the six functional areas of the Child Development Associate (CDA) credential. Emphasis is placed on using positive guidance techniques, setting up a classroom and planning a schedule.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 201: CHILD GROWTH AND DEVELOPMENT PRINCIPLES
This course is a systematic study of child growth and development from conception through early childhood. Emphasis is placed on principles underlying physical, mental, emotional and social development, and on methods of child study and practical implications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 202: CHILDREN'S CREATIVE EXPERIENCES
This course focuses on fostering creativity in preschool children and developing a creative attitude in teachers. Topics include selecting and developing creative experiences in language arts, music, art, science, math and movement with observation and participation with young children required.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

CHD 203: CHILDREN'S LITERATURE AND LANGUAGE DEVELOPMENT
This course surveys appropriate literature and language arts activities designed to enhance young children's speaking, listening, pre-reading and writing skills. Emphasis is placed on developmental appropriateness as related to language.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 204: METHODS AND MATERIALS FOR TEACHING CHILDREN
This course introduces basic methods and materials used in teaching young children. Emphasis is placed on students compiling a professional resource file of activities used for teaching math, language arts, science and social studies concepts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

CHD 205: PROGRAM PLANNING FOR EDUCATING YOUNG CHILDREN
This course is designed to give students practice in lesson and unit planning, writing behavioral objectives, and evaluating activities taught to young children. Emphasis is placed on identifying basic aspects of cognitive development and how children learn. Upon completion students should be able to plan and implement developmentally appropriate curriculum and instructional practices based on knowledge of individual differences and the curriculum goals and content.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 206: CHILDREN'S HEALTH AND SAFETY
This course introduces basic health, nutrition and safety management practices for young children. Emphasis is placed on setting up and maintaining a safe, healthy environment for young children including specific procedures for infants and toddlers and procedures regarding childhood illnesses and communicable diseases.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 209: INFANT AND TODDLER EDUCATION PROGRAMS
This course focuses on child development from infancy to thirty months of age with emphasis on planning programs using developmentally-appropriate material. Emphasis is placed on positive ways to support an infant's social, emotional, physical and intellectual development.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 210: EDUCATING EXCEPTIONAL YOUNG CHILDREN
This course explores the many different types of exceptionalities found in young children. Topics include speech, language, hearing and visual impairments; gifted and talented children; mental retardation; emotional, behavioral, and neurological handicaps.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 214: FAMILIES AND COMMUNITIES IN EARLY CARE AND EDUCATION PROGRAMS
This course provides students with information about working with diverse families and communities. Students will be introduced to family and community settings, the importance of relationships with children, and the pressing needs of today's society. Students will study and practice techniques for developing these important relationships and effective communication skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Child Development (CHD)**

CHD 215: SUPERVISED PRACTICAL EXPERIENCE IN EARLY CHILDHOOD EDUCATION
This course provides a minimum of 90 hours of hands-on, supervised experience in an approved program for young children. Emphasis is placed on performance of daily duties which are assessed by the College instructor and the cooperating teacher.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: Students must have an active pediatric and adult CPR/First Aid/AED Certification and a DHR criminal background check.
Program: **Child Development (CHD)**

Computer Science (IT)

CIS 146: MICROCOMPUTER APPLICATIONS
This course is an introduction to the most common microcomputer software applications. These software packages should include typical features of applications, such as word processing, spreadsheets, database.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 147: ADVANCED MICRO APPLICATIONS
This course is a continuation of CIS 146 in which students utilize the advanced features of topics covered in CIS 146. Advanced functions and integration of word processing, spreadsheets, database, and presentation packages among other topics are generally incorporated into the course and are to be applied to situations found in society and business. Upon completion, the student should be able to apply the advanced features of selected software appropriately to typical problems found in society and business. This course will help prepare students for the MOS certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade “C” or better in CIS 146.
Program: **Computer Science (IT)**

CIS 150: INTRODUCTION TO COMPUTER LOGIC AND PROGRAMMING
This course includes logic, design and problem solving techniques used by programmers and analysts in addressing and solving common programming and computing problems. The most commonly used techniques of flowcharts, structure charts, and pseudocode will be covered and students will be expected to apply the techniques to designated situations and problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 155: INTRODUCTION TO MOBILE APP DEVELOPMENT
The purpose of this course is to introduce students to various app development tools for various mobile platforms. Specific topics include: app distribution sources, mobile device operating systems, survey of app development software, process for design, build, deploying, and optimizing apps. At the conclusion of this course, students will be able to design, build, deploy, and optimize a basic app.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 157: Introduction to App Development with Swift
This introductory one-semester course is designed to help students build a solid foundation in programming fundamentals using Swift as the language. Students get practical experience with the tools, techniques, and concepts needed to build a basic iOS system.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 159: Introduction to Graphic Design for Apps
This introductory one-semester course is designed to enable students to integrate graphics for mobile app development. Students receive practical experience with tools, techniques, and concepts needed to build or incorporate basic graphics.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 161: INTRODUCTION TO NETWORK COMMUNICATION
This course is designed to introduce students to basic concepts of computer networks. Emphasis is placed on terminology and technology involved in implementing selected networked systems. The course covers various network models, topologies, communications protocols, transmission media, networking hardware and software, and network troubleshooting. Students gain hands-on experience in basic networking. This course further helps prepare students for certification. NOTE: This course is a suitable substitute for CIS 199. Additionally, CISCO I may be used as a suitable substitute for this course. However,CIS 273 will not substitute for CISCOI.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 171: LINUX I
This course presents fundamental applications in Linux. Included in this course are skills development for the OS installation and setup, recompile techniques, system configuration settings, file/folder structures and types, run levels, basic network applications, and scripting. Additionally, the course presents security from an administrative and user consideration.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 182: Help Desk Applications
The main purpose of this course is to provide students with a comprehensive understanding of the helpdesk environment and the knowledge, skills, and abilities necessary to work in the user support industry. Students will learn problem-solving and communication skills that are very valuable when providing user support. through hands-on exercises and case projects students will learn how to apply their knowledge and develop their ideas and skills.

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 207: INTRODUCTION TO WEB DEVELOPMENT
At the conclusion of this course, students will be able to use specified markup languages to develop basic Web pages.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 208: WEB AUTHORING SOFTWARE
Students utilize various Web authoring tools to construct and edit websites for a variety of applications. Upon completion students will be able to use these tools to develop or enhance websites.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 209: ADVANCED WEB DEVELOPMENT
This is an advanced Web design course emphasizing the use of scripting languages to develop interactive Web sites. Upon completion students will be able to create data driven Web sites. This course helps prepare students for the Certified Internet Webmaster (CIW) Foundations certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade “C” or better in a programming language or CIS 207 or CIS 208 or instructor approval.
Program: **Computer Science (IT)**

CIS 220: App Development with Swift I
This is the first of two courses designed to teach specific skills related to app development using Swift language.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 222: DATABASE MANAGEMENT SYSTEMS
This course will discuss database system architectures, concentrating on Structured Query Language (SQL). It will teach students how to design, normalize and use databases with SQL, and to link those to the Web.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 227: App Development with Swift II
This course focuses on building specific features for iOS apps. Students apply their knowledge and skills to developing new apps.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by college.
Program: **Computer Science (IT)**

CIS 245: CYBER DEFENSE
The course provides students with information on the concept of cyber defense. Topics include information relative to legal aspects of cyber attacks, threats to various levels of national and local social infrastructure, financial systems, personal data, and other direct and indirect threats. As part of this course, students explore current and historical cyber threats and U.S. policy regarding infrastructure protection.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 246: ETHICAL HACKING
The course emphasizes scanning, testing, and securing computer systems. The lab-intensive environment provides opportunities to understand how perimeter defenses work and how hackers are able to compromise information systems. With awareness of hacking strategies, students learn to counteract those attempts in an ethical manner.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 249: MICROCOMPUTER OPERATING SYSTEMS
This course provides an introduction to microcomputer operating systems. Topics include a description of the operating system, system commands, and effective and efficient use of the microcomputer with the aid of its system programs. Upon completion, students should understand the function and role of the operating system, its operational characteristics, its configuration, how to execute programs, and efficient disk and file management.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 251: C++ PROGRAMMING
This course is an introduction to the C++ programming language including object oriented programming. Topics include: problem solving and design; control structures; objects and events; user interface construction; and document and program testing.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 268: SOFTWARE SUPPORT
This course provides students with hands-on practical experience in installing computer software, operating systems, and trouble-shooting. The class will help to prepare participants for the A+ Certification sponsored by CompTIA. This course is a suitable substitute for CIS 239, Networking Software.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 269: HARDWARE SUPPORT
This course provides students with hands-on practical experience in installation and troubleshooting computer hardware. The class will help to prepare participants for the A+ Certification sponsored by CompTIA. This is a suitable substitute for CIS 240, Networking Hardware.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 277: Network Services Administration
This course provides an introductoin to the administration of fundamental networking services and protocols. Topics included in this course are implementing, and maintaining essential network operating system services such as those for client address management, name resolution, security, routing, and remote access. Students gain hands-on experience performing common network infrastructure administrative tasks.

Credits: 3
Lecture Hours: Lecture Hours 3
Prerequisites: **CIS 161**
Program: **Computer Science (IT)**

CIS 281: SYSTEM ANALYSIS AND DESIGN
This course is a study of contemporary theory and systems analysis and design. Emphasis is placed on investigating, analyzing, designing, implementing, and documenting computer systems. Upon completion, the student will be able to demonstrate knowledge of the topics through the completion of programming projects and appropriate tests.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 282: COMPUTER FORENSICS
This course introduces students to methods of computer forensics and investigations. This course helps prepare students for industry specific certification.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 284: CIS INTERNSHIP
This course is designed to provide the student with an opportunity to work in a degree/program related environment. Emphasis is placed on the student’s “real world” work experience as it integrates academics with practical applications that relate meaningfully to careers in the computer discipline. Significance is also placed on the efficient and accurate performance of job tasks as provided by the “real world” work experience. Grades for this course will be based on a combination for the employer’s evaluation of the student, and the contents of a report submitted by the student. Upon completion of this course, the student should be able to demonstrate the ability to apply knowledge and skills gained in the classroom to a “real world” work experience.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Computer Science (IT)**

CIS 285: OBJECT ORIENTED PROGRAMMING
This course is an advanced object-oriented programming course and covers advanced program development techniques and concepts in the context of an object-oriented language. Subject matter includes object-oriented analysis and design, encapsulation, inheritance, polymorphism (operator and function overloading), information hiding, abstract data types, reuse, dynamic memory allocation, and file manipulation. Upon completion, students should be able to develop a hierarchical class structure necessary to the implementation of an object-oriented software system.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

CIS 286: COMPUTERIZED MANAGEMENT INFO SYSTEMS (EXCEL)
This course teaches the nature of computerized management information systems, problems created by the computer relative to personnel, components of computer systems, programming, and application of computers to business problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

DPT 103: INTRODUCTORY COMPUTER SKILLS II
This course is designed to focus on the development of computer skills suited to the needs of students in non-degree occupational programs. The course will generally use software packages appropriate to occupational programs and may include such topics as word processing, database, basic graphics, spreadsheet or other features typically needed in the field. Upon completion, the student will be able to demonstrate proficiency by the completion of appropriate assignments and occupation-specific applications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computer Science (IT)**

Computerized Numerical Control

CNC 101: INTRODUCTION TO CNC
This is an introductory course with emphasis placed in the basic concepts and terminology of numerical control. Topics include Cartesian coordinate system, CNC principles and machine capabilities. Student will gain an understanding of CNC machine tools and their usage.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Computerized Numerical Control**

CNC 103: MANUAL PROGRAMMING
This course will emphasize calculations for CNC machine tools. Topics will include G & M codes, radius programming and cutter compensations. Students will learn to write a variety of CNC programs which can be used on the job as reference programs.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Computerized Numerical Control**

CNC 104: CNC MILLING OPERATIONS
This is a course in programming and operations of the CNC Milling Machines. Applications include maintenance, safety, and production of machine parts through programming, set-up and operation. Students will learn to produce finished parts on the CNC milling machines.

Credits: 6
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 3
Program: **Computerized Numerical Control**

CNC 112: COMPUTER NUMERICAL CONTROL TURNING
This course introduces the programming, setup, and operation of CNC turning centers. Topics include programming formats, control functions, program editing, part production, and inspection. Upon completion, students should be able to manufacture simple parts using the CNC turning center.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 113: COMPUTER NUMERIC CONTROL MILLING
This course introduces the manual programming, setup, and operation of CNC machining centers. Topics include programming formats, control functions, program editing, part production, and inspection. Upon completion, students should be able to manufacture simple parts using CNC machining centers.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 181: SPECIAL TOPICS IN COMPUTERIZED NUMERICAL CONTROL I
This course provides specialized instruction in selected areas related to CNC.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 222: COMPUTER NUMERICAL CONTROL GRAPHICS: TURNING
This course introduces Computer Numerical Control graphics programming and concepts for turning center applications. Emphasis is placed on the interaction of menus to develop a shape file in a graphics CAM system and to develop tool path geometry and part geometry. Upon completion, students should be able to develop a job plan using CAM software, include machine selection, tool selection, operational sequence, speed, feed and cutting depth.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 223: COMPUTER NUMERICAL CONTROL GRAPHICS PROGRAMMING: MILLING
This course introduces Computer Numerical Control graphics programming and concepts for machining center applications. Emphasis is placed on developing a shape file in a graphics CAM system and transferring coded information from CAM graphics to the CNC milling center. Upon completion, students should be able to develop a complete job plan using CAMM software to create a multi-axis CNC program.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 229: TOTAL QUALITY MANAGEMENT
This is an introductory course designed to cover Total Quality Management (TQM) concepts. Topics include common direction, team building, statistical analysis, and problem solving skills and techniques. Upon completion, students will acquire a knowledge in TQM as it relates to the industrial setting.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Computerized Numerical Control**

CNC 230: COMPUTER NUMERICAL CONTROL SPECIAL PROJECTS
This course is designed to allow students to work in the lab with limited supervision. The student is to enhance their proficiency levels on various CNC machine tools. Upon completion, students are expected to plan, execute, and present results of advanced CNC products.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

CNC 241: CNC MILLING LAB
This course covers basic (3-axis) computer numeric control (CNC) milling machine setup and operating procedures. Upon completion, the student should be able to load a CNC program and setup and operate a 3-axis CNC milling machine to produce a specified part. Related safety, inspection, and process adjustment are also covered.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Computerized Numerical Control**

CNC 242: CNC MILLING LAB II
This course covers advanced (including 4-axis) computer numeric control (CNC) milling machine setup and operating procedures. Upon completion, the student should be able to load a CNC program and set up and operate a CNC milling machine (including 40-axis) to produce a specified part. Related safety and inspection and process adjustment are also covered.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Computerized Numerical Control**

CNC 243: CNC TURNING LAB
This course covers basic computer numeric control (CNC) turning machine setup and operating procedures (inner diameter and outer diameter). Upon completion, the student should be able to load a CNC program and setup and operate a CNC turning machine to produce a simple part. Related safety and inspection and process adjustment are also covered.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Computerized Numerical Control**

CNC 281: SPECIAL TOPICS IN CNC II
This course provides specialized instruction in various areas related to CNC. Emphasis is placed on individualized student needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Computerized Numerical Control**

Cosmetology

COS 111: INTRODUCTION TO COSMETOLOGY
This course is designed to provide students with an overview of the history and development of cosmetology and standards of professional behavior. Students receive basic information regarding principles and practices of infection control, diseases, and disorders. Additionally students receive introductory information regarding hair design. The information presented in this course is enhanced by hands-on application performed in a controlled lab environment. Upon completion, students should be able to apply safety rules and regulations and write procedures for skills identified in this course.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Co-Requisites: COS 112/BAR 113
Program: **Cosmetology**

COS 112: INTRODUCTION TO COSMETOLOGY LAB
In this course, students are provided the practical experience for sanitation, shampooing, hair shaping, and hairstyling. Emphasis is placed on sterilization, shampooing, hair shaping, and hairstyling for various types of hair for men and women. This course offers opportunities for students to put into practice concepts learned in the theory component from COS 111.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Co-Requisites: COS 111/BAR 110
Program: **Cosmetology**

COS 113: THEORY OF CHEMICAL SERVICES
During this course students learn concepts of theory of chemical services related to the chemical hair texturing. Specific topics include basics of chemistry and electricity, properties of the hair and scalp, and chemical texture services. Safety considerations are emphasized throughout this course. This course is foundational for other courses providing more detailed instruction on these topics.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 114: CHEMICAL SERVICES LAB
During this course students perform various chemical texturing activities. Emphasis is placed on cosmetologist and client safety, chemical use and handling, hair and scalp analysis, and client consulting.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 115: HAIR COLORING THEORY
In this course, students learn the techniques of hair coloring and hair lightening. Emphasis is placed on color application, laws, levels and classifications of color and problem solving. Upon completion, the student will should be able to identify all classifications of haircoloring and the effects on the hair.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 116: HAIR COLORING LAB
In this course, students apply hair coloring and hair lightening techniques. Topics include consultation, hair analysis, skin test and procedures and applications of all classifications of hair coloring and lightening. Upon completion, the student will be able to perform procedures for hair coloring and hair lightening.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 117: BASIC SPA TECHNIQUES
This course is the study of cosmetic products, massage, skin care, and hair removal, as well as identifying the structure and function of various systems of the body. Topics include massage skin analysis, skin structure, disease and disorder, light therapy, facials, facial cosmetics, anatomy, hair removal, and nail care. Upon completion, the student will be able to state procedures for analysis, light therapy, facials, hair removal, and identify the structures, functions, disorders of the skin, and nail care.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 118: BASIC SPA TECHNIQUES LAB
This course provides practical applications related to the care of the skin and related structure. Emphasis is placed on facial treatments, product application, skin analysis, massage techniques, facial make-up, hair removal, and nail care. Upon completion, the student should be able to prepare clients, assemble sanitized materials, follow procedures for product application, recognize skin disorders, demonstrate facial massage movement, cosmetic application, and hair removal using safety and sanitary precautions, and nail care.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 119: BUSINESS OF COSMETOLOGY
This course is designed to develop job-seeking and entry-level management skills for the beauty industry. Topics include job seeking, leader and entrepreneurship development, business principles, business laws, insurance, marketing, and technology issues in the workplace. Upon completion, the student should be able to list job-seeking and management skills and the technology that is available for use in the salon.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 123: COSMETOLOGY SALON PRACTICES
This course is designed to allow students to practice all phases of cosmetology in a salon setting. Emphasis is placed on professionalism, receptionist duties, hair styling, hair shaping, chemical, and nail and skin services for clients. Upon completion, the student should be able to demonstrate professionalism and the procedures of cosmetology in a salon setting.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 125: CAREER AND PERSONAL DEVELOPMENT
This course provides the study and practice of personal development and career building. Emphasis is placed on building and retaining clientele, communication skills, customer service, continuing education, and goal setting. Upon completion, the student should be able to communicate effectively and practice methods for building and retaining clientele.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 127: ESTHETICS THEORY
This course includes an advanced study of anatomy and physiology relating to skin care, cosmetic chemistry, histology of the skin, and massage and facial treatments. Upon completion, the student should be able to discuss the functions of the skin, effects of chemicals on skin, different types of massage and benefits, and key elements of the basic facial treatment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 134: ADVANCED ESTHETICS
This course includes an advanced study of anatomy and physiology relating to skin care, cosmetic chemistry, histology of the skin, and massage and facial treatments. Upon completion, the student should be able to discuss the functions of the skin, effects of chemicals on skin, different types of massage and benefits, and key elements of the basic facial treatment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Cosmetology**

COS 135: ADVANCED ESTHETICS APPLICATION
This course provides advanced practical applications related to skin care. Principal topics include massage techniques, various facial treatments, proper product application through skin analysis, and introduction to ingredients and treatments used by the esthetician. Upon completion, the student should be able to perform various massage techniques, prescribe proper type of facial treatment and product, and demonstrate facials using any of the eight functions of the facial machine.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 137: HAIR SHAPING AND DESIGN THEORY
This course introduces students to concepts related to the art and techniques of hair shaping. Topics include hair sectioning, correct use of hair shaping implements, and elevations used to create design lines.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 141: APPLIED CHEMISTRY FOR COSMETOLOGY
This course focuses on chemistry relevant to professional hair and skin care products, hair and its related structures, permanent waving, chemical hair relaxing, and hair coloring. Topics include knowledge of basic chemistry, pH scale measurements, water, shampooing and cosmetic chemistry, physical and chemical changes in hair structure. Upon completion, the student should be able to define chemistry, types of matter, and describe chemical and cosmetic reactions as related to the hair and skin structure.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 142: APPLIED CHEMISTRY FOR COSMETOLOGY LAB
This course provides practical applications of the knowledge and skin learned in reference to chemical reactions, as well as the chemical application to the hair and skin. Emphasis is placed on knowledge of basic chemistry, ph scale, cosmetic chemistry, and physical and chemical changes in the hair and skin structure. Upon completion, the student should be able to determine the proper chemical product for each prescribed service.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 145: HAIR SHAPING LAB
This covers the study of the art and techniques of hair shaping. Topics include hair sectioning, correct use of hair shaping implements, and elevations used to create design lines. Upon completion, the student should be able to demonstrate the techniques and procedures for creating hair designs using safety and sanitary precautions.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 148: NAIL CARE THEORY
This course focuses on all aspects of nail care. Topics include salon conduct, professional ethics, sanitation, nail structure, manicuring, pedicuring, nail disorders, and anatomy and physiology of the arm and hand. Upon completion, the student should be able to demonstrate professional conduct, recognize nail disorders and diseases, and identify the procedures for sanitation and nail care services.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 149: NAIL ART THEORY
This course focuses on nail enhancement products and techniques. Topics include acrylic, gel, fiberglass nails, and nail art. Upon completion, the student should be able to identify the different types of sculptured nails and recognize the different techniques of nail art.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 152: NAIL CARE APPLICATIONS
This course provides practice in all aspects of nail care. Topics include salon conduct, professional ethics, bacteriology, sanitation and safety, manicuring and pedicuring. Upon completion, the student should be able to perform nail care procedures.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 153: NAIL ART
This course focuses on advanced nail techniques. Topics include acrylic, gel, fiberglass nails, and nail art. Upon completion, the student should be able to identify the different types of sculptured nails and recognize the different techniques of nail art.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Cosmetology**

COS 154: NAIL ART APPLICATIONS
This course provides practice in advanced nail techniques. Topics include acrylic, gel, fiberglass nails, and nail art. Upon completion, the student should be able to perform the procedures for nail sculpturing and nail art.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 158: EMPLOYABILITY SKILLS
This course provides the study of marketable skills to prepare the student to enter the world of work. Emphasis is placed on resumes, interviews, client and business relations, personality, computer literacy and attitude. Upon completion, the student should be prepared to obtain employment in the field for which they have been trained.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 162: SPECIAL TOPICS IN COSMETOLOGY
This course is designed to allow students to explore issues relevant to the profession of cosmetology. Upon completion, students should have developed new skills in areas of specialization for the cosmetology profession.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 163: FACIAL TREATMENTS
This course includes all phases of facial treatments in the study of skin care. Topics include treatments for oily, dry, and special skin applications. Upon completion, students will be able to apply facial treatments to skin type.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Cosmetology**

COS 164: FACIAL MACHINE
This is course designed to provide practical experience using the vapor and facial machine with hydraulic chair. Topics include the uses of electricity and safety practices, machine and apparants, use of the magnifying lamp and light therapy. Upon completion, the student will be able to demonstrate an understanding of electrical safety and skills in the use of facial machines.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 165: RELATED SUBJECTS ESTHETICIANS
This course includes subjects related to the methods for removing unwanted hair. This course includes such topics as electrolysis information and definitions, safety methods of permanent hair removal, the practice of removal of superfluous hair, and the use of depilatories. Upon completion of this course, students will be able to apply depilatories and practice all safety precautions.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 166: SKIN CARE BACTERIOLOGY AND SANITATION
This course introduces students to bacteriology and sanitation of skin care implements. Emphasis is placed on decontamination, infection control, and safety. At the end of this course, students will be able to describe practices for sanitizing facial implements and proper use and disposal of non-reusable items.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 167: STATE BOARD REVIEW
Students are provided a complete review of all procedures and practical skills pertaining to their training in the program. Upon completion, the student should be able to demonstrate the practical skills necessary to complete successfully the required State Board of Cosmetology examination and entry-level employment.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Cosmetology**

COS 168: BACTERIOLOGY AND SANITATION
In this skin care course, emphasis is placed on the decontamination, infection control and safety practiced in the esthetics facility. Topics covered include demonstration of sanitation, sterilization methods and bacterial prevention. Upon completion, the student will be able to properly sanitize facial implements and identify non-reusable items.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Cosmetology**

COS 169: SKIN FUNCTIONS
This course introduces skin functions and disorders. Topics include practical applications for skin disorder treatments, dermabrasion, and skin refining. Upon completion of this course students will be able to demonstrate procedures for acne, facials and masks for deeper layers and wrinkles.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 181: SPECIAL TOPICS
This course is designed to allow students to explore issues relevant to the profession of cosmetology. Upon completion, students should have developed new skills in areas of specialization for the cosmetology profession.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology**

COS 182: SPECIAL TOPICS
This course is designed to allow students to explore issues relevant to the profession of cosmetology. Upon completion, students should have developed new skills in areas of specialization for the cosmetology profession.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 190: INTERNSHIP IN COSMETOLOGY
This course is designed to provide exposure to cosmetology practices in non-employment situations. Emphasis is on dependability, attitude, professional judgment, and practical cosmetology skills. Upon completion, the student should have gained skills necessary for entry-level employment.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 191: CO-OP
This course provides work experience with a college-approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

COS 291: CO-OP
This course provides work experience with a college-approved employer in an area related to the student's program of study. Emphasis is placed on integrating classroom learning with related work experience. Upon completion, students should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Cosmetology**

Cosmetology Instructor Training

CIT 211: TEACHING AND CURRICULUM DEVELOPMENT
This course focuses on principles of teaching, teaching maturity, personality conduct, and the development of cosmetology curriculum. Emphasis is placed on teacher roles, teaching styles, teacher challenges, aspects of curriculum development, and designing individual courses. Upon completion, the student should be able to describe the role of teacher, identify means of motivating students, develop a course outline, and develop lesson plans.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology Instructor Training**

CIT 212: TEACHER MENTORSHIP
This course is designed to provide the practice through working with a cosmetology instructor in a mentoring relationship. Emphasis is placed on communication, student assessment, and assisting students in the lab. Upon completion, the student should be able to communicate with students, develop a course of study, and apply appropriate teaching methods.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology Instructor Training**

CIT 213: LESSON PLAN DEVELOPMENT
This course introduces students to methods for developing lesson plans. Emphasis is placed on writing lesson plans and on the four-step teaching plan. Upon completion, students should be able to write daily lesson plans and demonstrate the four-step teaching method.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology Instructor Training**

CIT 214: LESSON PLAN METHODS AND DEVELOPMENT
During this course students have the opportunity to further apply knowledge of lesson plan delivery by using lesson plans they have developed from previous courses or this course. Emphasis is placed on the use of lesson plans in various classroom and laboratory settings. Upon completion, students will be able to teach a variety of cosmetology classes using various techniques.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Cosmetology Instructor Training**

CIT 221: LESSON PLAN IMPLEMENTATION
This course is designed to provide practice in preparing and using lesson plans. Emphasis is placed on organizing, writing, and presenting lesson plans using the four-step teaching method. Upon completion, students should be able to prepare and present a lesson using the four step teaching method.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology Instructor Training**

CIT 222: INSTRUCTIONAL MATERIALS AND METHODS
This course focuses on visual and audio aids and materials. Emphasis is placed on the use and characteristics of instructional aids. Upon completion, the student should be able to prepare teaching aids and determine their most effective use.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Cosmetology Instructor Training**

CIT 223: INSTRUCTIONAL MATERIALS AND METHODS APPLICATIONS
This course is designed to provide practice in preparing and using visual and audio aids and materials. Emphasis is placed on the preparation and use of different categories of instructional aids. Upon completion, the student should be able to prepare and effectively present different types of aids for use with a four step lesson plan.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Cosmetology Instructor Training**

Criminal Justice

CRJ 100: INTRODUCTION TO CRIMINAL JUSTICE
This course surveys the entire criminal justice process from law enforcement to the administration of justice through corrections. It discusses the history and philosophy of the system and introduces various career opportunities.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Criminal Justice**

CRJ 110: INTRODUCTION TO LAW ENFORCEMENT
This course examines the history and philosophy of law enforcement, as well as the organization and jurisdiction of local, state, and federal agencies. It includes the duties and functions of law enforcement officers.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Criminal Justice**

CRJ 150: INTRODUCTION TO CORRECTIONS
This course provides an introduction to the philosophical and historical foundations of corrections in America. Incarceration and some of its alternatives are considered.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Criminal Justice**

CRJ 160: INTRODUCTION TO SECURITY
This course surveys the operation, organization and problems in providing safety and security to business enterprises. Private, retail, and industrial security are covered.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by program
Program: **Criminal Justice**

Diesel Mechanics

DEM 104: BASIC ENGINES
This course is designed to give the student knowledge of the diesel engine components and auxiliary systems, the proper way to maintain them, and the proper procedures for testing and rebuilding components. Emphasis is placed on safety, theory of operation, inspection, and measuring and rebuilding diesel engines according to factory specifications. Upon completion students should be able to measure, diagnose problems, and repair diesel engines.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 105: PREVENTIVE MAINTENANCE
This course provides instruction on how to plan, develop, and install equipment surveillance and reliability strategies. Descriptions of various maintenance techniques for specialized preventive programs are discussed and computerized parts and equipment inventories and fleet management systems software are emphasized. Upon completion, students should be able to set-up and follow a preventive maintenance schedule as directed by manufacturers.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 108: DOT VEHICLE INSPECTION
This course introduces the student to the Department of Transportation Vehicle Inspection procedures. Emphasis is placed on inspecting Class 8 truck tractors and trailers. Upon completion, students should be able to perform the Federal Vehicle Inspection on Class 8 truck tractors and trailers.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 111: EQUIPMENT SAFETY AND MECHANICAL FUNDAMENTALS
This course provides instruction in shop and vehicle safety. Topics include the safe use and handling of hand and power tools, preventive maintenance, and safety inspection procedures. Upon completion, students should be able to demonstrate knowledge of preventive maintenance and applicable general safety in vehicle repair.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 117: DIESEL AND GAS TUNE-UP
This course introduces tune-up and troubleshooting according to manufacturers' specifications. Topics include troubleshooting engine systems, tune-up procedures, and use and care of special test tools and equipment. Upon completion, students should be able to troubleshoot, diagnose, and repair engines and components using appropriate diagnostic equipment.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 122: HEAVY VEHICLE BRAKES
This course covers the theory and repair of braking systems used in medium and heavy duty vehicles. Topics include hydraulic, and ABS system diagnosis and repair. Upon completion, students should be able to troubleshoot, adjust and repair braking systems on medium and heavy vehicles.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 123: PNEUMATIC AND HYDRAULICS
This course provides instruction in the identification and repair of components found in hydraulic and pneumatic systems. Topics include schematics and symbols used in fluid power transmission and the troubleshooting of components in these systems. Upon completion, students should be able to diagnose, adjust, and repair hydraulic and pneumatic system components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 124: ELECTRONIC ENGINE SYSTEMS
This course introduces the principles of electronically controlled diesel engines. Emphasis is placed on testing and adjusting diesel engines in accordance with manufacturers' specifications. Upon completion, students should be able to diagnose, test, and calibrate electronically controlled diesel engines.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 125: HEAVY VEHICLE DRIVE TRAINS
This course introduces the operating principles of mechanical medium and heavy duty truck transmissions. Topics include multiple counter shafts, power take-offs, slider idler clutches, and friction clutches, mechanical transmission power components, and hydraulics. Upon completion, students should be able to diagnose, inspect, and repair mechanical transmissions.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 126: ADVANCED ENGINE ANALYSIS
This course provides instruction in the disassembly, inspection, and rebuilding of diesel and heavy-duty gas engines. Emphasis is placed on the manufacturer's standards and factory recommended service tools and equipment. Upon completion, students should be able to disassemble, inspect, and rebuild engines according to the manufacturer's specifications.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 127: FUEL SYSTEMS
This course is designed to provide practice in troubleshooting, fault code diagnosis, information retrieval, calibration, repair and replacement of fuel injectors, nozzles, and pumps. Emphasis is placed on test equipment, component functions, and theory. Upon completion, students should be able to diagnose, service, and repair fuel systems and governors.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 128: HEAVY VEHICLE DRIVE TRAIN LAB
This lab provides reinforcement of material covered in DEM 116 or DEM 125. The students will apply the knowledge they learned on driveshafts, power take-offs, standard transmissions, fluid drives, torque converters, clutch assemblies, drive axles, and special drives through experiential learning techniques. Upon completion, student should be able to diagnose, inspect, remove, repair or replace, and install heavy vehicle drive train components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 0
Program: **Diesel Mechanics**

DEM 134: COMPUTER CONTROLLED ENGINE AND POWER TRAIN SYSTEMS
This course introduces the student to the fundamentals of operation of computer controlled engine and power train systems..

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: VTR 112/DEM 130
Program: **Diesel Mechanics**

DEM 135: HEAVY VEHICLE STEERING AND SUSPENSION
This course introduces the theory and principles of medium and heavy duty steering and suspension systems. Topics include wheel and tire problems, frame members, fifth wheel, bearings, and coupling systems. Upon completion, students should be able to troubleshoot, adjust, and repair suspension and steering components, and perform front and rear wheel alignments on medium and heavy duty vehicles.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Diesel Mechanics**

DEM 180: SPECIAL PROJECTS IN COMMERCIAL VEHICLES
This course provides specialized instruction in various areas related to the diesel mechanics industry. Emphasis is placed on meeting student's needs.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: DEM 125
Program: **Diesel Mechanics**

Economics

ECO 231: PRINCIPLES OF MACROECONOMICS
This course is an introduction to macroeconomic theory, analysis, and policy applications. Topics include the following: scarcity, demand and supply, national income analysis, major economic theories concerning monetary and fiscal policies as stabilization measures, the banking system, and other economic issues or problems including international trade.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Economics**

ECO 232: PRINCIPLES OF MICROECONOMICS
This course is an introduction of the microeconomic theory, analysis, and applications. Topics include scarcity, the theories of consumer behavior, production and cost, markets, output and resource pricing, and international aspects of Microeconomics.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Economics**

Electrical Technology

ELT 110: WIRING METHODS
This course is a study of various tasks, wiring methods, materials, and associated NEC requirements that students will be required to work with in residential and commercial wiring courses.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electrical Technology**

ELT 114: RESIDENTIAL WIRING METHODS
This course is a study of residential wiring practices and methods, the NEC requirements and residential blueprint interpretations.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: ELT 109 or ETC 102
Program: **Electrical Technology**

ELT 117: AC/DC MACHINES
This course covers the theory and operation of DC motors, single and three phase AC motors, and the labs will reinforce this knowledge. Emphasis is placed on the various types of single and three phase motors, wiring diagrams, starting devices, and practical application in the lab.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electrical Technology**

ELT 118: COMMERCIAL/INDUSTRIAL WIRING
This course focuses on principles and applications of commercial and industrial wiring. Topics include electrical safety practices, an overview of National Electric Code requirements as applied to commercial and industrial wiring, conduit bending, circuit design, pulling cables, transformers, switch gear, and generation principles.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electrical Technology**

ELT 192: PRACTICUM/INTERNSHIP/CO-OP
This course provides practical experience in the field early in the student's training as an electrician's helper on the job, working a special project or conducting research in a directed area of the field. Emphasis is placed on gaining hands on experience with tools of the trade as well as a better understanding of NEC directives. Upon completion, students should possess a higher state of proficiency in the basic skills of connecting electrical wiring and conduit; this course may be repeated with the instructor's permission.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Electrical Technology**

ELT 193: PRACTICUM/INTERNSHIP/CO-OP
This course provides practical experience in the electrical craft as an electrician's helper on the job, working a special project or conducting research in a directed area of the field. Emphasis is placed on gaining hands on experience with tools of the trade as well as better understanding of NEC directives. Upon completion, students should possess a higher state of proficiency in the basic skills of connecting electrical wiring and conduit; this course may be repeated with the instructor.

Credits: 2
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 0
Program: **Electrical Technology**

ELT 194: PRACTICUM/INTERNSHIP/CO-OP
This course provides additional practical experience in the electrical craft as an apprentice electrician or higher level working advanced projects or research in a directed area of the field. Emphasis is placed on gaining more hands on experience with tools of the trade as well as NEC directives while studying in the classroom two hours per week. Upon completion, students should possess a higher state of proficiency in all electrician skills and a better knowledge of testing for Electrical Journeyman's Block Test.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Electrical Technology**

ELT 212: MOTOR CONTROL II
This course covers complex ladder diagrams of motor control circuits and the uses of different motor starting techniques. Topics include wye-delta starting, part start winding, resistor starting and electronic starting devices.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Prerequisites: ELT 209 or ETC 108
Program: **Electrical Technology**

ELT 221: ELECTRONICS FOR ELECTRICIANS
Credits: 3
Program: **Electrical Technology**

ELT 241: NATIONAL ELECTRIC CODE
This course is also taught as ILT 231.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ELT 209 or ETC 108 This course introduces students to the National Electric Code and text teaches the student how to find needed information within this manual. Emphasis is placed on locating and interpreting needed information within the NEC code manual
Program: **Electrical Technology**

ELT 244: CONDUIT BENDING AND INSTALLATION
This course provides students the knowledge to properly bend electrical metallic tubing, rigid galvanized and intermediate metal conduit, and PVC conduit. Emphasis is placed on the theory and practical application of conduit bending methods. Upon completion, students should be able to get measurements, lay out, and successfully bend conduit using hand type, mechanical, and hydraulic benders.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: As required by program
Program: **Electrical Technology**

Electromechanical Technology

ELM 214: PUMPS AND PIPING SYSTEMS
This course offers an introduction into pumps and piping systems. Topics include various types of pumps, pump analysis, (power, efficiency, characteristics) pump selection and maintenance, metal, plastic, and threaded piping systems, hoses, valves, regulators, strainers, and filters. Upon completion of this course the student will have demonstrated the ability to: select, install, and start up various types of pumps, measure and calculate pump parameters and performance, disassemble and inspect pumps, size and select pipes, thread metal pipes, read and interpret piping schematics, assemble piping systems, select size, and repair valves and regulators.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Electromechanical Technology**

Electronics Technology

ETC 101: DC FUNDAMENTALS
This course provides a study of atomic theory, direct current (DC), properties of conductors and insulators, direct current characteristics of series, parallel, and series parallel circuits. Inductors and capacitors are introduced and their effects on DC circuits are examined. Students are prepared to analyze complex DC circuits, solve for unknown circuits variables and to use basic electronic test equipment. This course also provides hands-on laboratory exercises to analyze, construct, test, and troubleshoot direct current circuits. Emphasis is placed on the use of scientific calculator and the operation of common test equipment used to analyze and troubleshoot DC and to prove the theories taught during classroom instruction. It is also taught as INT 221, ILT 160, and ELT 108.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electronics Technology**

ETC 102: AC FUNDAMENTALS
This course provides a study of the theory of alternating current (AC). Students are prepared to analyze complex AC circuit configurations with resistor, capacitors, and inductors in series and parallel combinations. Upon completion, students should be able to describe AC circuits and explain the function of A.C. such as RLC, impedance, phase relationships and power factor. This course also provides hands-on laboratory exercises to analyze alternating current using a variety of circuit configurations with resistors, capacitors, and inductors in series and parallel combinations. Emphasis is placed on the operation of common test equipment used to analyze and troubleshoot AC circuits to prove the theories taught. It is also taught as INT 223, ILT 161, and ELT 109.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electronics Technology**

ETC 103: SOLID STATE FUNDAMENTALS
This course provides instruction in basic solid state theory beginning with atomic structure and including devices such as diodes, bipolar transistors, field effect transistors, amplifiers, thyristors, operational amplifiers, oscillator and power supply circuits. Emphasis is placed on the practical application of solid-state devices, proper biasing and amplifier circuit analysis and the use of test equipment to diagnose, troubleshoot and repair typical solid-state device circuits. This course also provides the opportunity for students to apply the solid-state principles and theories learned in class in the laboratory setting. Emphasis is placed on the practical application of solid-state devices, proper biasing and amplifier circuit analysis and the use of test equipment to diagnose troubleshoot and repair typical solid-state device circuits.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Electronics Technology**

ETC 104: DIGITAL FUNDAMENTALS
This course provides instruction on basic logic gates, flip-flops, registers, counters, microprocessor/computer fundamentals, analog to digital conversion, and digital analog conversion. Emphasis is placed on number systems, Boolean algebra, combination logic circuits, sequential logic circuits and typical microprocessor data manipulation and storage. This course also has an embedded lab with exercises designed to develop skills required by industry. Upon completion, students should be able to analyze digital circuits, draw timing diagrams, determine output of combinational and sequential logic circuits and diagnose and troubleshoot electronic components as well as demonstrate knowledge of microprocessor and computer circuits. It is also taught as ILT 163.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electronics Technology**

ETC 107: ELECTRICAL BLUEPRINT READING I
This course will enable the student to obtain a working knowledge of the elements of blueprint reading; the ability to interpret electrical, mechanical, and architectural drawing; and the ability to visualize the entire building structure in relationship to the electrical system. It is also taught as ILT 109.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Electronics Technology**

ETC 108: MOTOR CONTROLS I
This course covers the use of motor control symbols, magnetic motor starters, running overload protection, push-button stations, sizing of magnetic motor starters and overload protection, and complex ladder diagrams of motor control circuits. Topics include sizing magnetic starters and starters in control of electric motors, wye-delta starting, part start winding, resistor starting and electric starting devices. Upon completion, students should be able to understand the operation of motor starters, overload protection, interpret ladder diagrams using push-button stations and understand complex motor control diagrams. It is also taught as ELT 209 and ILT 197.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Electronics Technology**

Engineering

EGR 101: ENGINEERING FOUNDATIONS
This course introduces the student to engineering as a profession, basic engineering skills and the design process. This course includes components to develop team and oral and written communication skills. It also provides an introduction to computer tools used by engineers (spreadsheet, word processing, presentation software, internet access).

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Co-Requisites: MTH 113 or MTH 115.
Program: **Engineering**

EGR 125: MODERN GRAPHICS FOR ENGINEERS
This course provides an introduction to manual and computer-assisted techniques of graphic communication employed by professional engineers. Topics include: lettering; instrumental and computer-aided drafting; technical sketching; orthographic projection; pictorial, sectional, and auxiliary views; and dimensioning.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Engineering**

EGR 157: COMPUTER METHODS FOR EGR USING MATLAB
This course introduces students to the concepts and practices in using higher level computer environments to solve engineering problems. Programming environments such as MATLAB will be used.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: MTH 125
Program: **Engineering**

EGR 220: ENGINEERING MECHANICS-STATICS
This course includes vector algebra, force and moment systems, equilibrium of force systems, trusses, friction and property of surfaces.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: PHY 213
Co-Requisites: MTH 227
Program: **Engineering**

English

COM 100: INTRODUCTORY TECHNICAL ENGLISH I
This course is designed to enhance reading and writing skills for the workplace. Emphasis is placed on technical reading, job-related vocabulary, sentence writing, punctuation, and spelling with substantial focus on occupational performance requirements. Upon completion, students should be able to identify main ideas with supporting details and produce mechanically correct short writings appropriate to the workplace.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: A grade of “S” in ENG 092 or appropriate placement score.
Program: **English**

ENG 080: ENGLISH LABORATORY
This course, which may be repeated as needed, provides students with a laboratory environment where they can receive help from qualified instructors on English assignments at the developmental level. Emphasis is placed on one-to-one guidance to supplement instruction in English courses. A student's success in this course is measured by success in those other English courses in which the student is enrolled.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **English**

ENG 092: BASIC ENGLISH I
This course is a review of basic writing skills and basic grammar. Emphasis is placed on the composing process of sentences and paragraphs in standard American written English. Students will demonstrate these skills chiefly through the writing of well-developed, multi-sentence paragraphs.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **English**

ENG 093: BASIC ENGLISH II
This course is a review of composition skills and grammar. Emphasis is placed on coherence and the use of a variety of sentence structures in the composing process and on standard American written English usage. Students will demonstrate these skills chiefly through the writing of paragraph blocks and short essays.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: A grade of “S” (Satisfactory) in ENG 092 or appropriate placement score
Program: **English**

ENG 099: INTRODUCTION TO COLLEGE WRITING
This course places emphasis on providing students with additional academic and noncognitive support with the goal of success in the students’ paired ENG 101 class. The material covered or practiced in the ENG 099 course is complementary to and supportive of material taught in ENG 101 and the needs of the ENG 099 student.

Lecture Hours: Lecture Hours 2
Program: **English**

ENG 101: ENGLISH COMPOSITION I
English Composition I provides instruction and practice in the writing of at least six (6) extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I includes instruction and practice in library usage.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: A grade of "C" or higher in ENG 093 or ENR 094; or with appropriate ACT scores; or placement scores of at least 70 in reading and at least 5 in writing.
Program: **English**

ENG 102: ENGLISH COMPOSITION II
English Composition II provides instruction and practice in the writing of six (6) formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II includes instruction and practice in library usage.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: A grade of “C” or higher in ENG 101.
Program: **English**

ENG 246: 247 CREATIVE WRITING I & II
This course provides instruction and practice in the writing of critical analysis of imaginative forms of literature. Emphasis is placed on originality in the creative writing process, and this course may include instruction on publishing. Students will compose a significant body of imaginative literature, which may be read by or to the class.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 and/or as required by program
Program: **English**

ENG 251: AMERICAN LITERATURE I
This course is a survey of American literature from its inception to the middle of the nineteenth century. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENG 252: AMERICAN LITERATURE II
This course is a survey of American literature from the middle of the nineteenth century to the present. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENG 261: ENGLISH LITERATURE I
This course is a survey of English literature from the Anglo-Saxon period to the Romantic Age. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENG 262: ENGLISH LITERATURE II
This course is a survey of English literature from the Romantic Age to the present. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENG 271: WORLD LITERATURE I
This course is a study of selected literary masterpieces from Homer to the Renaissance. Emphasis is placed on major representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENG 272: WORLD LITERATURE II
This course is a study of selected literary masterpieces from the Renaissance to the present. Emphasis is placed on major representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. On examinations and in written compositions, students will interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: ENG 102 or equivalent
Program: **English**

ENR 098: WRITING AND READING FOR COLLEGE
This course integrates reading and writing skills students need to comprehend and interact with college-level texts and to produce original college-level writing. Reading skills will center on processes for literal and critical comprehension, as well as the development of vocabulary skills. Writing skills will focus on using an effective writing process including generating ideas, drafting, organizing, revising and editing to produce competent essays using standard written English. This course may include a one-hour lab component.

Credits: 4
Lecture Hours: Lecture Hours 4
Program: **English**

Geography

GEO 100: WORLD REGIONAL GEOGRAPHY
This course surveys various countries and major regions of the world with respect to location and landscape, world importance, political status, population, type of economy, and its external and internal organization problems and potentials.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Geography**

Geology

GLY 101: INTRODUCTION TO GEOLOGY I
This course is the first in a two part sequence dealing with the structure of the Earth including materials, internal and external processes, deformation, energy, and plate tectonics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Program: **Geology**

GLY 102: INTRODUCTION TO GEOLOGY II
This course is the second in a two part sequence dealing with a historical perspective of the earth. Topics include items such as Geologic time, Earth's origin, evolution of continents and ocean basins, minerals, energy resources, planetary geology, and mountain building. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Program: **Geology**

Health Education

HED 199: ECOLOGICAL APPROACH TO HEALTH FITNESS
This course examines a myriad of factors influencing health and fitness behavior. Intrapersonal, interpersonal, institutional, community and public policy factors are examined.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 221: PERSONAL HEALTH
This course introduces principles and practices of personal and family health; it includes human reproduction, growth and development, psychological dimensions of health, human sexuality, nutrition and fitness, aging, death and dying.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 222: COMMUNITY HEALTH
This course introduces principles and practices of community health; it includes drug use and abuse, communicable diseases, cardiovascular diseases, cancer, consumer health, health organization, and environmental concerns.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 224: PERSONAL AND COMMUNITY HEALTH
This course covers health problems for the individual and for the community. Areas of study include mental health, family life, physical health, chronic and degenerative diseases, control of communicable diseases, and the understanding of depressants and stimulants. Healthful living habits will be emphasized.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 226: WELLNESS
This course provides health-related education to those individuals seeking advancement in the area of personal wellness. The course has five major components: (1) fitness and health assessment, (2) physical work capacity, (3) education, (4) reassessment and (5) retesting.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 230: SAFETY AND FIRST AID
This course is divided into two parts. The first part concerns itself with the development of a safety education program within an organization (i.e., school, office, shop, etc.). The second part deals with physical injuries, emergency care, and treatment of those injuries. CPR certification and Standard Red Cross cards are given upon successful completion of American Red Cross requirements.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

HED 231: FIRST AID
This course provides instruction to the immediate, temporary care which should be given to the victims of accidents and sudden illness. It also includes standard and advanced requirements of the American Red Cross, and/or the American Heart Association. CPR training also is included.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Health Education**

History

HIS 101: WESTERN CIVILIZATION I
This course is a survey of social, intellectual, economic, and political developments, which have molded the modern western world. This course covers the ancient and medieval periods and concludes in the era of the Renaissance and Reformation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 102: WESTERN CIVILIZATION II
This course is a continuation of HIS 101; it surveys development of the modern western world from the era of the Renaissance and Reformation to the present.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 121: WORLD HISTORY I
This course surveys social, intellectual, economic, and political developments which have molded the modern world. Focus is on both non-western and western civilizations from the prehistoric to the early modern era.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 122: WORLD HISTORY II
This course is a continuation of HIS 121; it covers world history, both western and non-western, from the early modern era to the present.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 201: UNITED STATES HISTORY I
This course surveys United States history during colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and Reconstruction.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 202: UNITED STATES HISTORY II
This course is a continuation of HIS 201; it surveys United States history from the Reconstruction era to the present.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 216: HISTORY OF WORLD RELIGIONS
This course presents a comparison of the major religions of the world from a historical perspective. Emphasis is placed on the origin, development, and social influence of Christianity, Judaism, Islam, Hinduism, Buddhism, and others.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 256: AFRICAN-AMERICAN HISTORY
This course focuses on the experience of African-American people in the western hemisphere, particularly the United States. It surveys the period from the African origins of the slave trade during the period of exploration and colonization to the present. The course presents a comparison between the African experience in the United States and in Mexico and South America.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

HIS 260: ALABAMA HISTORY
This course surveys the development of the state of Alabama from pre-historic times to the present. The course presents material on the discovery, exploration, colonization, territorial period, antebellum Alabama, Reconstruction, and modern history.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **History**

Home Economics

HEC 140: PRINCIPLES OF NUTRITION
This course introduces students to the principles of nutrition and the role and functions of nutrients in man's food. Basic information concerning food selection and nutrition as a factor in health, ecology, and economy is included. Implications of nutrition for children may be stressed.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Home Economics**

Humanities

HUM 101: INTRODUCTION TO HUMANITIES I
This is the first course in a two-semester sequence which offers the student an introduction to the humanities using selections from art, music, literature, history, and philosophy which relates to a unifying theme.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Humanities**

HUM 120: INTERNATIONAL STUDIES IN (ADD NAME OF COUNTRY)
This course offers a survey of art, music, and culture of foreign countries. This may involve travel abroad and may be repeated for credit.

Credits: 0
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 1
Program: **Humanities**

HUM 299: PHI THETA KAPPA HONORS COURSE III
This course provides an opportunity for the student to study selected topics in the area of the humanities under the supervision of a qualified instructor. The specific topics will be determined by the interests of the students and faculty and the course may be repeated for credit.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Humanities**

Industrial Electronics Technician/Manufacturing Engineering

ILT 103: INTRODUCTION TO INSTRUMENTATION TECHNOLOGY
This course introduces various hand and power tools, basic blueprint reading, basic rigging and basic math that will be used in the electronic, instrumentation and electrical trades. Emphasis is placed on basic hand tool and power tool safety and procedures for selecting, inspecting, using and maintaining these tools. Upon completion, students should be able to identify and use various hand and power tools, read a blueprint and know how to perform basic rigging.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 108: INTRODUCTION TO INSTRUMENTS AND PROCESS CONTROL
This course is an introductory study of the control devices and methods used in industry for the control and transmission of information pertaining to process variables. This study includes an introduction to instrumentation and control mathematics. This course also provides instruction in the fundamental concepts of pressure, force, weight, motion, liquid level, fluid flow and temperature.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 110: ADVANCED INDUSTRIAL PROCESS CONTROL TECHNOLOGY
This course is an advanced study of the principes governing methods of using process variables in the control of industrial processes. The study includes methods and procedures for measuring, displaying and transmitting process variables according to industry standards. The course also includes an in-depth study of mathematics pertaining to industrial control instruments.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 114: INSTRUMENTATION OPERATION AND CALIBRATION
The hardware used to measure and control process variables is presented. The student learns the principles of operation, servicing, maintenance, calibration, and troubleshooting procedures used on mechanical, pneumatic, electronic and digital based industrial transmitters, recorders, controllers, valves, and other control devices. The course is broken down into theory and laboratory work on actual process measuring and control equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 135: LOCAL AREA NETWORKS (LANS)
This course provides the student with knowledge of planning, installation, maintenance, and administration of local area networks. Upon completion of this course, students should be able to install and setup a basic local area network.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 139: INTRODUCTION TO ROBOTIC PROGRAMMING
This course provides an introduction to robotic programming. Emphasis is placed on, but not limited to, the following: safety, motion programming, creating and editing programs, I/O instructions, macros, program and file storage Upon completion, the student will be able to safely perform basic functions in the work cell as well as program a robot to perform simple functions.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 165: INDUSTRIAL ELECTRONIC CONTROLS I
This course provides a study of industrial electronics controls. Topics include photo-electric, temperature, gas and humidity, pressure and strain measurements for industrial instrumentation controls and applications. The lab enables students to test, troubleshoot and repair electronic control circuits. Upon completion, students should be able to apply principles of industrial electronics control circuits.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 195: TROUBLESHOOTING TECHNIQUES
This course focuses on the systematic approach to solving problems. Emphasis is placed on instrument failures and their interaction with process downtime. Upon completion, students will be able to solve problems on a process simulator or in an actual setting.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 196: ADVANCED PROGRAMMABLE LOGIC CONTROLLERS
This course includes the advanced principals of PLC's including hardware, programming, and troubleshooting. Emphasis is placed on developing advanced working programs and troubleshooting hardware and software communication problems. Upon completion, students should be able to demonstrate their ability in developing programs and troubleshooting the system.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Prerequisites: As determined by College
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 214: CONTROL AND TROUBLESHOOTING FLOW, LEVEL, TEMPERATURE, PRESSURE AND LEVEL PROCESSES
The student is introduced to analog and digital process control systems. The student is also introduced to process control techniques commonly found in industrial processes used to maintain control of process variables. The student gains knowledge and experience in the design and selection of equipment used in troubleshooting of control loops on actual lab equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Electronics Technician/Manufacturing Engineering**

ILT 235: PRINCIPLES OF ROBOTIC SYSTEMS
This course is an overview of basic robotic systems and classifications used in industry. An emphasis is placed on safety elements particular to automation. Topics include the principles and concepts associated with robotic system components. Upon completing this course, students should be able to classify robots and explain the various components of a safe robotic system and how these components interact.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Industrial Electronics Technician/Manufacturing Engineering**

Industrial Mechanical Maintenance Technology (INT)

INT 101: DC Fundamentals
This course provides an in depth study of direct current (DC) electronic theory. Topics include atomic theory, magnetism, properties of conductors and insulators, and characteristics of series, parallel, and series-parallel circuits. Inductors and capacitors are introduced and their effects on DC circuits are examined. Students are prepared to analyze complex DC circuits, solve for unknown circuit variables and to use basic electronic test equipment. This course also provides hands on laboratory exercises to analyze, construct, test, and troubleshoot DC circuits. Emphasis is placed on the use of scientific calculator and the operation of common test equipment used to analyze and troubleshoot DC and to prove the theories taught during classroom instruction. This is a **CORE** course.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 103: AC Fundamentals
This course provides an in depth study of alternating current (AC) electronic theory. Students are prepared to analyze complex AC circuit configurations with resistors, capacitors, and inductors in series and parallel combinations. Topics include electrical safety and lockout procedures, specific AC theory functions such as RLC, impedance, phase relationships, and power factor. Students will be able to define terms, identify waveforms, solve complex mathematical problems, construct circuits, explain circuit characteristics, identify components, and make accurate circuit measurements using appropriate measurement instruments. They should also be able to perform fundamental tasks associated with troubleshooting, repairing, and maintaining industrial AC systems.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 113: Motor Controls I
This course is a study of the construction, operating characteristics, and installation of different motor control circuits and devices. Emphasis is placed on the control of three phase AC motors. This course covers the use of motor control symbols, magnetic motor starters, running overload protection, pushbutton stations, multiple control stations, two wire control, three wire control, jogging control, sequence control, and ladder diagrams of motor control circuits. Upon completion, students should be able to understand the operation of motor starters, overload protection, interpret ladder diagrams using pushbutton stations and understand complex motor control diagrams.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 117: PRINCIPLES OF INDUSTRIAL MECHANICS
This course provides instruction in basic physics concepts applicable to mechanics of industrial production equipment. Topics include the basic application of mechanical principles with emphasis on power transmission, specific mechanical components, alignment, and tension. Upon completion, students will be able to perform basic troubleshooting, repair and maintenance functions on industrial production equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 118: FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS
This course includes the fundamental concepts and theories for the safe operation of hydraulic and pneumatic systems used with industrial production equipment. Topics include the physical concepts, theories, laws, air flow characteristics, actuators, valves, accumulators, symbols, circuitry, filters, servicing safety, and preventive maintenance functions on hydraulic and pneumatic systems.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 126: PREVENTIVE MAINTENANCE
This course focuses on the concepts and applications of preventive maintenance. Topics include the introduction of alignment equipment, job safety, tool safety, preventive maintenance concepts, procedures, tasks, and predictive maintenance concepts. Upon course completion, students will demonstrate the ability to apply proper preventive maintenance and explain predictive maintenance concepts.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 134: PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES
This course provides instruction in the fundamentals of acetylene cutting and the basics of welding needed for the maintenance and repair of industrial production equipment. Topics include oxy-fuel safety, choice of cutting equipment, proper cutting angles, equipment setup, cutting plate and pipe, hand tools, types of metal welding machines, rod and welding joints, and common welding passes and beads. Upon course completion, students will demonstrate the ability to perform metal welding and cutting techniques necessary for repairing and maintaining industrial equipment.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

INT 184: INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS
This course provides an introduction to programmable logic controllers. Emphasis is placed on, but not limited to, the following: PLC hardware and software, numbering systems, installation, and programming. Upon completion, students must demonstrate their ability by developing, loading, debugging, and optimizing PLC programs.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Industrial Mechanical Maintenance Technology (INT)**

Interdisciplinary Studies

IDS 115: FORUM
In this course, credit is given in recognition of attendance at academic lectures, concerts, and other events. IDS 115 requires attendance at designated events which are chosen from various lectures, cultural events and programs given at the college or in the community. IDS 115 may be repeated for credit.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Interdisciplinary Studies**

IDS 200: COLLEGE SCHOLARS BOWL WORKSHOP
This course offers the student preparation, practice, and participation in the College Scholars Bowl Program and competition. IDS 200 may be repeated for credit.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: advisor approval.
Program: **Interdisciplinary Studies**

IDS 201: ADVANCED SCHOLAR'S BOWL
This course is designed primarily to train students for Scholars' Bowl competition, alternately known as Brain Bowl, College Bowl or Quiz Bowl. This is an intercollegiate academic competition in which teams of four people compete by using buzzers and answering college-level questions for points. The course consists of practice rounds in which the students are familiarized with the equipment and questions that will be used in competition, as well as intensive study sessions and interactive discussions about a wide variety of academic endeavors. IDS 201 may be repeated for credit.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Interdisciplinary Studies**

IDS 286: GENEALOGY AND HISTORY
The emphasis in this course is upon family history in relation to major U.S. historical events and the use of primary records in documentation. The course is designed for the student who has little or no working knowledge of genealogy as it relates to history.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Interdisciplinary Studies**

IDS 299: DIRECTED STUDIES IN LEADERSHIP
This course provides training and experience in leadership techniques and practice. Students are required to serve in leadership positions on campus or in the community. IDS 299 may be repeated for credit.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Interdisciplinary Studies**

Machine Tool Technology (MTT)

MTT 100: MACHINING TECHNOLOGY I
This course introduces machining operations as they relate to the metalworking industry. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, grinding machines, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, grinding, drilling, sawing, turning, and milling. This course is aligned with NIMS certification standards. MTT 147/148 are suitable substitutes for this course.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 103: MACHINING TECHNOLOGY II
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on set-up and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layout, drilling, sawing, turning and milling. This course is aligned with NIMS certification standards. MTT 149/150 are suitable substitutes for MTT 103.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 107: MACHINING CALCULATIONS
This course introduces basic calculations as they relate to machining occupations. Emphasis is placed on basic calculations and their applications in the machine shop. Upon completion, students should be able to perform basic shop calculations. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 109: ORIENTATION TO COMPUTER ASSISTED MANUFACTURING
This course serves as an overview and introduction to computer assisted manufacturing (CAM) and prepares students for more advanced CAM courses. Topics covered are basic concepts and terminology, CAM software environments, navigation commands and file management, 2-D geometry, construction modification, and toolpath generation for CAM machining processes.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 121: BASIC PRINT READING FOR MACHINISTS
This course covers the basic principles of print reading and sketching. Topics include multi-view drawings; interpretation of conventional lines; and dimensions, notes, and thread notations. Upon completion, students should be able to interpret basic drawings, visualize parts, and make pictorial sketches. This is a core course and is aligned with NIMS certification standards. This course is also taught as CNC 121.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 123: ENGINE LATHE LAB I
The student learns to safely operate an engine lathe in calculating feeds and speeds and shaping a variety of cutting tools by grinding. The student will also safely operate an engine lathe in straight turning, facing, turning to the shoulder and tapers. This is an additional lab for MTT 100.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 124: ENGINE LATHE LAB II
The student learns advanced operation of an engine lathe in calculating feeds and speeds and shaping a variety of cutting tools by grinding. The student will also safely operate an engine lathe in advanced straight turning, facing, turning to the shoulder and tapers. This is an additional lab for MTT 103.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 127: INTRODUCTION TO METROLOGY
This course covers the use of precision measuring instruments. Emphasis is placed on the inspection of machine parts and use of a wide variety of measuring instruments. Upon completion students should be able to demonstrate correct use of measuring instruments. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 128: GEOMETRIC DIMENSIONING ABD TOLERANCING
This course is designed to teach students how to interpret engineering drawings using modern conventions, symbols, datums, datum targets, and projected tolerance zones. Special emphasis is placed upon print reading skills, and industry specifications and standards. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 129: LATHE OPERATIONS
This course includes more advanced lathe practices such as set-up procedures, work planning, inner-and outer-diameter operations, and inspection and process improvement. Additional emphasis is placed on safety procedures. Upon completion, students will be able to apply advanced lathe techniques. This course is aligned with NIMS standards.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 130: MACHINING CALCULATIONS II
This course emphasizes advanced calculations common to machining operations. Students use these calculations for advanced applications for machine setup and planning. Specific topics include positive and negative numbers, symbolism, and algebraic expressions and operations. At the conclusion of this course students will be able to apply advanced machine calculations to equipment setup and planning.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 135: LATHE OPERATIONS I LAB
This course includes more advanced lathe practices such as set-up procedures, work planning, inner-and outer-diameter operations, and inspection and process improvement. Additional emphasis is placed on safety procedures. Upon completion, students will be able to apply advanced lathe techniques. This course is aligned with NIMS standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 136: MILLING OPERATIONS
This course covers manual milling operations. Emphasis is placed on related safety, types of milling machines and their uses, cutting speed, feed calculations, and set-up and operation procedures. Upon completion, students should be able to apply manual milling techniques (vertical and horizontal/universal) to produce machine tool projects. MTT 137/138 are suitable substitutes for this course. This course is aligned with NIMS certification standards.

Credits: 6
Lab Hours: Lab Hours 8
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 137: MILLING I
This course covers manual milling operations. Emphasis is placed on related safety, types of milling machines and their uses, cutting speed, feed calculations, and set-up and operation procedures. Upon completion, students should be able to apply manual vertical milling techniques to produce machine tool projects. MTT 137/138 are suitable to substitute for MTT 136. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 138: MILLING I LAB
This course provides basic knowledge of milling machines. Emphasis is placed on types of milling machines and their uses, cutting speed, feed calculations, and set-up procedures. Upon completion, students should be able to apply milling techniques to produce machine tool projects. MTT 137/138 are suitable substitutes for MTT 136. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 139: BASIC COMPUTER NUMERICAL CONTROL
This course introduces the concepts and capabilities of computer numeric control (CNC) machine tools. Topics include setup, operation, and basic applications. Upon completion, students should be able to develop a basic CNC program to safely operate a lathe and milling machine. This course is aligned with NIMS certification standards. This course is also taught as CNC 139.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 140: BASIC COMPUTER NUMERICAL CONTROL TURNING PROGRAMMING I
This course covers concepts associated with basic programming of a computer numerical control (CNC) turning center. Topics include basic programming characteristics, motion types, tooling, workholding devices, setup documentation, tool compensations, and formatting. Upon completion, students should be able to write a basic CNC turning program that will be used to produce a part. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 141: BASIC COMPUTER NUMERIC CONTROL MILLING PROGRAMMING I
This course covers concepts associated with basic programming of a computer numerical control (CNC) milling center. Topics include basic programming characteristics, motion types, tooling, workholding devices, setup documentation, tool compensations, and formatting. Upon completion, students should be able to write a basic CNC milling program that will be used to produce a part. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 142: ADVANCED MACHINING CALCULATIONS
This course combines mathematical functions with practical machine shop applications and problems. Emphasis is placed on gear ratios, lead screws, indexing problems, and their applications in the machine shop. Upon completion, students should be able to calculate solutions to machining problems.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 144: ELECTRICAL DISCHARGE MACHINING I
This course introduces the student to the concepts of Electrical Discharge Machining (EDM) and the importance of EDM is an industrial setting. Emphasis is placed on safety procedures and machinist responsibility in the setup and operation of EDM machines and electrode selection. Upon completion, students should be able to produce basic machine products using both the wire-type and plunge-type EDM machines. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 147: INTRODUCTION TO MACHINE SHOP I
This course introduces machining operations as they relate to the metalworking industry. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, bench grinders, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, drilling, sawing, turning, and milling. MTT 100 is a suitable substitute for MTT 147/148.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 148: INTRODUCTION TO MACHINE SHOP I LAB
This course provides practical application of the concepts and principles of machining operations learned in MTT 147. Topics include machine shop safety, measuring tools, lathes, saws, milling machines, bench grinders, and layout instruments. Upon completion, students will be able to perform the basic operations of measuring, layout, drilling, sawing, turning, and milling. MTT 100 is a suitable substitute for MTT 147/148. This course is aligned with NIMS standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 149: INTRODUCTION TO MACHINE SHOP II
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on setup and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layouts, drilling, sawing, turning, and milling. MTT 149/150 are suitable substitutes for MTT 103. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Machine Tool Technology (MTT)**

MTT 150: INTRODUCTION TO MACHINE SHOP II LAB
This course provides additional instruction and practice in the use of measuring tools, lathes, milling machines, and grinders. Emphasis is placed on setup and operation of machine tools including the selection of work holding devices, speeds, feeds, cutting tools and coolants. Upon completion, students should be able to perform intermediate level procedures of precision grinding, measuring, layouts, drilling, sawing, turning, and milling. MTT 149/150 are suitable substitutes for MTT 103. This course is aligned with NIMS certification standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 181: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 182: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 183: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 221: ADVANCED BLUEPRINT READING FOR MACHINISTS
This course introduces complex industrial blueprints. Emphasis is placed on auxiliary views, section views, violations of true projection, special views, and interpretation of complex parts and assemblies. Upon completion, students should be able to read and interpret complex industrial blueprints. This course is also taught as CNC 221 and MSP 221.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Machine Tool Technology (MTT)**

MTT 241: CNC MILLING LAB I
This course covers basic (3-axis) computer numeric control (CNC) milling machine setup and operating procedures. Upon completion, the student should be able to load a CNC program and setup and operate a 3-axis CNC milling machine to produce a specified part. Related safety, inspection, and process adjustment are also covered.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

MTT 270: MACHINING SKILLS APPLICATION
This course is designed to provide students with a capstone experience incorporating the knowledge and skills learned in the Machine Tool program. Special emphasis is given to student skill attainment.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As determined by college.
Co-Requisites: As determined by college
Program: **Machine Tool Technology (MTT)**

MTT 281: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 282: SPECIAL TOPICS IN MACHINE TOOL TECHNOLOGY
This course is a guided study of special projects in machine tool technology. Emphasis is placed on student needs. Upon completion, students should be able to demonstrate skills developed to meet specific needs.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Machine Tool Technology (MTT)**

MTT 292: COOPERATIVE EDUCATION IN MACHINE TOOL TECHNOLOGY
Students work on a part-time basis in a job directly related to machine tool technology. The employer and supervising instructor evaluate students' progress. Upon course completion, students will be able to apply skills and knowledge in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Machine Tool Technology (MTT)**

Management and Entrepreneurship (ETP)

ETP 266: ENTREPRENEURIAL FINANCE
This course is designed to teach students the financial issues that are important to the business owner, not the accounting practitioner. Topics include start-up funding, sources of financing, identifying and preventing fraud, buying and valuing ventures, and harvesting the value created in business ventures. This course also covers the creation of personal financial statements and pro forma financial statements which are crucial components of a business plan.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Management and Entrepreneurship (ETP)**

ETP 267: INNOVATIONS AND CREATIVITY
This course is designed to develop in students a mindset for thinking creatively and prepare them to create their own businesses or revitalize a business that has lost its direction by learning to observe things from different perspectives and to reason from different viewpoints in order to develop effective solutions to problems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Management and Entrepreneurship (ETP)**

Mass Communications

MCM 100: INTRODUCTION TO MASS COMMUNICATIONS
This course provides the student with general study of mass communication and journalism. This course includes theory, development, regulation, operation, and effects upon society.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Mass Communications**

Mathematics

MAH 101: INTRODUCTORY MATHEMATICS
This course is a comprehensive review of arithmetic with basic algebra designed to meet the needs of certificate and diploma programs. Topics include business and industry related arithmetic and geometric skills used in measurement, ratio and proportion, exponents and roots, applications of percent, linear equations, formulas, and statistics. Upon completion, students should be able to solve practical problems in their specific occupational areas of study.

Credits: 3
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 2
Program: **Mathematics**

MTH 098: ELEMENTARY ALGEBRA
This course provides a study of fundamentals of algebra. Topics include the real number system, linear equations and inequalities, graphing linear equations and inequalities in two variables and systems of equations. This course does not apply toward the general core requirements for mathematics.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Program: **Mathematics**

MTH 099: SUPPORT FOR INTERMEDIATE COLLEGE ALGEBRA
This learning support course provides co-requisite support in mathematics for students enrolled in MTH 100. The material covered in this course is parallel to and supportive of the material taught in MTH 100. Emphasis is placed on providing students with additional academic and noncognitive support with the goal of success in the students' paired MTH 100 class. This class does not serve as the general core requirement for mathematics.

Credits: 2
Prerequisites: Note that MTH 099 is required for students completing MTH 098 Elementary Algebra.
Program: **Mathematics**

MTH 100: INTERMEDIATE COLLEGE ALGEBRA
This course provides a study of algebraic techniques such as linear equations and inequalities, quadratic equations, systems of equations, and operations with exponents and radicals. Functions and relations are introduced and graphed with special emphasis on linear and quadratic functions. This course does not apply toward the general core requirement for mathematics.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: A grade of C or higher in MTH 098 or appropriate placement score (S if taken as pass/fail).
Program: **Mathematics**

MTH 109: SUPPORT FOR FINITE MATHEMATICS
This Learning Support course provides co-requisite support in mathematics for students enrolled in MTH 110 Finite Math. Topics will parallel topics being studied in MTH 110 such as sets, counting, permutations, combinations, basic probability (including Baye's Theorem), and introduction to statistics (including work with Binomial Distributions and Normal Distributions), matrices and their applications to Markov chains and decision theory. This course will enhance the essential quantitative skills needed to be successful in MTH 110. This course does not apply toward the general core requirements for mathematics.

Credits: 2
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 2
Prerequisites: A grade of C or higher in MTH 100 or appropriate placement score.
Program: **Mathematics**

MTH 110: FINITE MATHEMATICS
This course is intended to give an overview of topics in finite mathematics together with their applications, and is taken primarily by students who are not majoring in science, engineering, commerce, or mathematics (i.e., students who are not required to take Calculus). This course will draw on and significantly enhance the student's arithmetic and algebraic skills. The course includes sets, counting, permutations, combinations, basic probability (including Baye's Theorem), and introduction to statistics (including work with Binomial Distributions and Normal Distributions), matrices and their applications to Markov chains and decision theory. Additional topics may include symbolic logic, linear models, linear programming, the simplex method and applications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 100.
Program: **Mathematics**

MTH 111: SUPPORT FOR PRECALCULUS ALGEBRA
This Learning Support course provides co-requisite support in mathematics for students enrolled in MTH 112 Precalculus Algebra. Topics will parallel topics being studied in MTH 112 such as the algebra of functions – including polynomial, rational, exponential, and logarithmic functions, systems of equations and inequalities, quadratic inequalities, and the binomial theorem. This course will enhance the essential quantitative skills needed to be successful in MTH 112. This course does not apply toward the general core requirements for mathematics.

Credits: 2
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 2
Prerequisites: A grade of C or higher in MTH 100 or appropriate placement score.
Program: **Mathematics**

MTH 112: PRECALCULUS ALGEBRA
This course emphasizes the algebra of functions -including polynomial, rational, exponential, and logarithmic functions. The course also covers systems of equations and inequalities, quadratic inequalities, and the binomial theorem. Additional topics may include matrices, Cramer's Rule, and mathematical induction.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 100.
Program: **Mathematics**

MTH 113: PRECALCULUS TRIGONOMETRY
This course includes the study of trigonometric (circular functions) and inverse trigonometric functions, and includes extensive work with trigonometric identities and trigonometric equations. The course also covers vectors, complex numbers, DeMoivre's Theorem, and polar coordinates. Additional topics may include conic sections, sequences, and using matrices to solve linear systems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 112.
Program: **Mathematics**

MTH 115: PRECALCULUS ALGEBRA & TRIGONOMETRY
This course is a one semester combination of Precalculus Algebra and Precalculus Trigonometry intended for superior students. The course covers the following topics: the algebra of functions (including polynomial, rational, exponential, and logarithmic functions), systems of equations and inequalities, quadratic inequalities, and the binomial theorem, as well as the study of trigonometric (circular functions) and inverse trigonometric functions, and includes extensive work with trigonometric identities and trigonometric equations, vectors, complex numbers, DeMoivre's Theorem, and polar coordinates.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 100.
Program: **Mathematics**

MTH 116: MATHEMATICAL APPLICATIONS
This course provides practical applications of mathematics and includes selected topics from consumer math and algebra. Some topics included are integers, percent, interest, ratio and proportion, metric system, probability, linear equations, and problem solving.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Mathematics**

MTH 120: CALCULUS AND ITS APPLICATIONS
This course is intended to give a broad overview of calculus and is taken primarily by students majoring in Commerce and Business Administration. It includes differentiation and integration of algebraic, exponential, and logarithmic functions and applications to business and economics. The course should include functions of several variables, partial derivatives (including applications), Lagrange Multipliers, L'Hopital's Rule, and multiple integration (including applications).

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 112.
Program: **Mathematics**

MTH 125: CALCULUS I
This is the first of three courses in the basic calculus sequence taken primarily by students in science, engineering, and mathematics. Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 113 or MTH 115.
Program: **Mathematics**

MTH 126: CALCULUS II
This is the second of three courses in the basic calculus sequence. Topics include vectors in the plane and in space, lines and planes in space, applications of integration (such as volume, arc length, work and average value), techniques of integration, infinite series, polar coordinates, and parametric equations.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: Appropriate mathematics placement score or a C or higher in MTH 125.
Program: **Mathematics**

MTH 192: PRECALCULUS ALGEBRA LABORATORY
This course is designed to accompany a Pre-Calculus Algebra Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 112 Pre-calculus Algebra.
Program: **Mathematics**

MTH 193: PRECALCULUS TRIGONOMETRY LABORATORY
This course is designed to accompany a Pre-Calculus Trigonometry Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 113 Pre-Calculus Trigonometry.
Program: **Mathematics**

MTH 194: PRE-CALCULUS ALGEBRA & TRIGONOMETRY LABORATORY
This course is designed to accompany a Pre-Calculus and Trigonometry Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 115 Pre-Calculus Algebra & Trigonometry.
Program: **Mathematics**

MTH 195: CALCULUS I LABORATORY
This course is designed to accompany a Calculus I Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 125 Calculus I.
Program: **Mathematics**

MTH 196: CALCULUS II LABORATORY
This course is designed to accompany a Calculus II Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 126 Calculus II.
Program: **Mathematics**

MTH 227: CALCULUS III
This is the third of three courses in the basic calculus sequence. Topics include vector functions, functions of two or more variables, partial derivatives (including applications), quadric surfaces, multiple integration, and vector calculus (including Green's Theorem, Curl and Divergence, surface integrals, and Stokes' Theorem).

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: MTH 126
Program: **Mathematics**

MTH 231: MATH FOR ELEMENTARY SCHOOL TEACHERS
This course is designed to provide appropriate insights into mathematics for students majoring in elementary education and to ensure that students going into elementary education are more than proficient at performing basic arithmetic operations. Topics include logic, sets and functions, operations and properties of whole numbers and integers including number theory; use of manipulatives by teachers to demonstrate abstract concepts; and by students while learning these abstract concepts as emphasized in the class. Upon completion, students are required to demonstrate proficiency in each topic studied as well as to learn teaching techniques that are grade level and subject matter appropriate, and test for mathematical proficiency and the learning of teaching concepts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: As required by program
Program: **Mathematics**

MTH 237: LINEAR ALGEBRA
This course introduces the basic theory of linear equations and matrices, real vector spaces, bases and dimension, linear transformations and matrices, determinants, eigenvalues and eigenvectors, inner product spaces, and the diagonalization of symmetric matrices. Additional topics may include quadratic forms and the use of matrix methods to solve systems of linear differential equations.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 126
Program: **Mathematics**

MTH 238: APPLIED DIFFERENTIAL EQUATIONS I
An introduction to numerical methods, qualitative behavior of first order differential equations, techniques for solving separable and linear equations analytically, and applications to various models (e.g. populations, motion, chemical mixtures, etc.); techniques for solving higher order linear differential equations with constant coefficients (general theory, undetermined coefficients, reduction of order and the method of variation of parameters), with emphasis on interpreting the behavior of the solutions, and applications to physical models whose governing equations are of higher order; and the Laplace transform as a tool for the solution of initial value problems whose inhomogeneous terms are discontinuous.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 227 (or corequisite)
Program: **Mathematics**

MTH 265: ELEMENTARY STATISTICS
This course provides an introduction to methods of statistics, including the following topics: sampling, frequency distributions, measures of central tendency, graphic representation, reliability, hypothesis testing, confidence intervals, analysis, regression, estimation, and applications. Probability, permutations, combinations, binomial theorem, random variables, and distributions may be included.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 100 or appropriate placement score
Program: **Mathematics**

MTH 297: CALCULUS III LABORATORY
This course is designed to accompany a Calculus III Course. It provides a laboratory setting in which students receive individualized instruction, work on laboratory exercises and group projects. Emphasis will be on applications of mathematics.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Co-Requisites: Registration in MTH 227 Calculus III
Program: **Mathematics**

Music

MUS 100: CONVOCATION
This course (required for music majors/minors each semester) is designed to expose students to a variety of repertory styles and to give students an opportunity to practice individual performance skills. Emphasis is placed on exposure to performances and lectures by guest artists, faculty or students, and on personal performance(s) in class each semester.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Music**

MUS 101: MUSIC APPRECIATION
This course is designed for non-music majors and requires no previous musical experience. It is a survey course that incorporates several modes of instruction including lecture, guided listening, and similar experiences involving music. The course will cover a minimum of three (3) stylistic periods, provide a multicultural perspective, and include both vocal and instrumental genres. Upon completion, students should be able to demonstrate a knowledge of music fundamentals, the aesthetic/stylistic characteristics of historical periods, and an aural perception of style and structure in music.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Music**

MUS 111: MUSIC THEORY I
This course introduces the student to the diatonic harmonic practices in the Common Practice Period. Topics include fundamental musical materials (rhythm, pitch, scales, intervals, diatonic harmonies) and an introduction to the principles of voice leading and harmonic progression. Upon completion, students should be able to demonstrate a basic competency using diatonic harmony through analysis, writing, sight singing, dictation and keyboard skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Advisor approval.
Co-Requisites: MUS 113, if ear training lab is a separate course.
Program: **Music**

MUS 112: MUSIC THEORY II
This course completes the study of diatonic harmonic practices in the Common Practice Period and introduces simple musical forms. Topics include principles of voice leading used in three-and four-part triadic harmony and diatonic seventh chords, non-chord tones, cadences, phrases and periods. Upon completion, students should be able to demonstrate competence using diatonic harmony through analysis, writing, sight singing, dictation and keyboard skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MUS 111
Co-Requisites: MUS 114, if ear training lab is a separate course.
Program: **Music**

MUS 113: MUSIC THEORY LAB I
This course provides the practical application of basic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include intervals, simple triads, diatonic stepwise melodies, basic rhythmic patterns in simple and compound meter and four-part triadic progressions in root position. Upon completion, students should be able to write, sing and play intervals, scales, basic rhythmic patterns, diatonic stepwise melodies, simple triads and short four-part progressions in root position.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Co-Requisites: MUS 111, if ear training lab is a separate course.
Program: **Music**

MUS 114: MUSIC THEORY LAB II
This course continues the practical application of diatonic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include intervals, scales, diatonic melodies with triadic arpeggiations, more complex rhythmic patterns in simple and compound meter and four-part diatonic progressions in all inversions. Upon completion, students should be able to write, sing and play all intervals, rhythmic patterns employing syncopations and beat divisions, diatonic melodies and four-part diatonic progressions.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: MUS 113
Co-Requisites: MUS 112, if ear training lab is a separate course.
Program: **Music**

MUS 115: FUNDAMENTALS OF MUSIC
This course is designed to teach the basic fundamentals of music and develop usable musical skills for the classroom teacher. Topics include rhythmic notation, simple and compound meters, pitch notation, correct singing techniques, phrases, keyboard awareness, key signatures, scales, intervals and harmony using I, IV, and V with a chordal instrument. Upon completion, students should be able to sing a song, harmonize a simple tune, demonstrate rhythmic patterns and identify musical concepts through written documentation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Music**

MUS 170: INTRODUCTION TO CHURCH MUSIC
This course provides an overview of church music as a career choice, and includes the organization and operation of a graded church choir program. Topics include an introduction to conducting, rehearsal techniques, administrative skills, and may include a supervised practicum field experience. Upon completion, students should be able to select, prepare, teach and conduct a simple anthem for a graded church choir and demonstrate a knowledge of church music administration through written documentation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Music**

MUS 211: MUSIC THEORY III
This course introduces the student to the chromatic harmonic practices in the Common Practice Period. Topics include secondary functions, modulatory techniques, and binary and ternary forms. Upon completion, students should be able to demonstrate competence using chromatic harmony through analysis, writing, sight singing, dictation and keyboard skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MUS 112
Co-Requisites: MUS 213, if ear training lab is a separate course.
Program: **Music**

MUS 212: MUSIC THEORY IV
This course completes the study of chromatic harmonic practices in the Common Practice Period and introduces the student to twentieth-century practices. Topics include the Neapolitan and augmented sixth chords, sonata form, late nineteenth-century tonal harmony and twentieth-century practices and forms. Upon completion, students should be able to demonstrate competence using chromatic harmony and basic twentieth century techniques through analysis, writing, sight singing, dictation and keyboard skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: MUS 211
Co-Requisites: MUS 214, if ear training lab is a separate course.
Program: **Music**

MUS 213: MUSIC THEORY LAB III
This course provides the practical application of chromatic musical materials through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include melodies with simple modulations, complex rhythms in simple and compound meter, and secondary function chords. Upon completion, students should be able to write, sing and play modulating melodies, rhythmic patterns with beat subdivisions and four-part chromatic harmony.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: MUS 114
Co-Requisites: MUS 211, if ear training lab is a separate course.
Program: **Music**

MUS 214: MUSIC THEORY LAB IV
This course provides the practical application of chromatic musical materials and simple twentieth-century practices through sight singing; melodic, harmonic and rhythmic dictation; and keyboard harmony. Topics include chromatic and atonal melodies; complex rhythmic patterns in simple, compound and asymmetric meters; chromatic chords and twentieth-century harmony. Upon completion, students should be able to write, sing and play chromatic and atonal melodies, complex rhythms and meters, four-part chromatic harmony and simple twentieth-century chord structures.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: MUS 213
Co-Requisites: MUS 212, if ear training lab is a separate course.
Program: **Music**

MUS 251: INTRODUCTION TO CONDUCTING
This course introduces the fundamentals of conducting choral and/or instrumental ensembles. Topics include a study of simple and compound meters, score reading and techniques for conducting effective rehearsals. Upon completion, students should be able to prepare and conduct a choral and/or instrumental score in a rehearsal or performance setting.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Advisor approval.
Program: **Music**

Music Ensemble

MUL 101-02; 201-02 / MUL 111-12; 211-12: Class Piano I, II, III, IV / Class Voice I, II, III, IV
Group instruction is available in voice and piano for students with little or no previous training. Emphasis is placed on the rudiments of music, basic performance technique and general musicianship skills. Upon completion of one or a sequence of courses, students should be able to demonstrate a basic proficiency in singing or playing and a knowledge of music fundamentals.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Music Ensemble**

MUL 172-73; 272-73: MUSICAL THEATRE WORKSHOP I, II, III, IV
This course includes the study of musical theatre history, styles, performance and technical production. Emphasis is placed on the supervised study, preparation, production and performances of scenes or complete works of musical theatre. Upon completion, students should be able to effectively participate in a public presentation of the prepared scenes or work in an assigned performance or technical role.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

MUL 180-81; 280-81: Chorus I, II, III, IV
This course provides an opportunity for students to participate in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, students should be able to effectively participate in performances presented by the ensemble.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

MUL 182-83; 282-83: Vocal Ensemble I, II, III, IV
This course provides an opportunity for students to participate in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, students should be able to effectively participate in performances presented by the ensemble.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

MUL 190-91; 290-91: Concert Band I, II, III, IV
This course provides an opportunity for students to participate in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, students should be able to effectively participate in performances presented by the ensemble.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

MUL 192-93; 292-93: Instrumental Ensemble I, II, III, IV
This course provides an opportunity for students to participate in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, students should be able to effectively participate in performances presented by the ensemble.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

MUL 196-97; 296-97: JAZZ/SHOW BAND I, II, III, IV
This course provides an opportunity for students to participate in a performing ensemble. Emphasis is placed on rehearsing and performing literature appropriate to the mission and goals of the group. Upon completion, students should be able to effectively participate in performances presented by the ensemble.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval
Program: **Music Ensemble**

Music Performance

MUP 101-02; 201-02: Private Piano I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 103-04; 203-04: Private Organ I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 111-12; 211-12: Private Voice I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 133-34; 233-34: Private Guitar I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 141-42; 241-42: Private Flute I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 143-44; 243-44: PRIVATE CLARINET I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 145-46; 245-46: PRIVATE SAXOPHONE I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 151-52; 251-52: PRIVATE OBOE
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 153-54; 253-54: PRIVATE BASSOON
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 161-62; 261-62: PRIVATE TRUMPET
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 163-64; 263-64: PRIVATE FRENCH HORN I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 171-72; 271-72: PRIVATE TROMBONE I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 175-76; 275-76: PRIVATE TUBA I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

MUP 181-82; 281-82: PRIVATE PERCUSSION I, II, III, IV
Individual performance instruction is available in keyboard instruments, voice, strings, woodwinds, brass, percussion and fretted instruments. Emphasis is placed on developing technique, repertoire and performance skills commensurate with the student's educational goals. Students are required to practice a minimum of five hours per week for each credit hour. Upon completion, students should be able to effectively perform assigned repertoire and technical studies in an appropriate performance evaluation setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Prerequisites: Advisor approval.
Program: **Music Performance**

Nursing

NUR 112: FUNDAMENTAL CONCEPTS OF NURSING
This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but is not limited to: healthcare delivery systems, professionalism, health promotion, psychosocial well-being, functional ability, gas exchange, safety, pharmacology, and coordinator/manager of care.

Credits: 7
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 4
Clinical Hours: Clinical Credits 1
Prerequisites: As required by the program
Program: **Nursing**

NUR 113: NURSING CONCEPTS I
This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but is not limited to: coordinator/manager of care, perfusion, oxygenation, infection, inflammation, tissue integrity, nutrition, elimination, mobility/immobility, cellular regulation, acid/base balance, and fluid/electrolyte balance.

Credits: 8
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 4
Clinical Hours: Clinical Credits 3
Prerequisites: As required by the program
Program: **Nursing**

NUR 114: NURSING CONCEPTS II
This course teaches foundational knowledge of nursing concepts and clinical decision making to provide evidence-based nursing care. Content includes but is not limited to: coordinator/manager of care, sexuality, reproduction and childbearing, infection, inflammation, sensory perception, perfusion, cellular regulation, mood disorders and affect, renal fluid/electrolyte balance, and medical emergencies.

Credits: 8
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 5
Clinical Hours: Clinical Credits 3
Prerequisites: As required by the program
Program: **Nursing**

NUR 115: EVIDENCE BASED CLINICAL REASONING
This course provides students with opportunities to collaborate with various members of the health care team in a family and community context. Students utilize clinical reasoning to assimilate concepts within the individual, health, and nursing domains.

Credits: 2
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Clinical Hours: Clinical Credits 1
Prerequisites: As required by the program
Program: **Nursing**

NUR 120: Healthcare Transistion
This course focuses on application of nursing concepts to transition individuals into the role of the practical nurse. Emphasis in this course is placed on evidence based clinical decision making and nursing concepts provided in a family and community context for a variety of health alterations across the lifespan. Designed to bridge previously gained health care knowledge, skills and abilities of the military veteran, LPN wishing to obtain an Alabama license, and paramedic to the role of the practical nurse. This course serves as a refresher for the nurse who desires practical experience before returning to the workforce.

Prerequisites: **NUR 115** **MTH 100** **BIO 201** **BIO 202** **ENG 101** **PSY 210** SPH 106/107
Admission to program
Program: **Nursing**

NUR 209: CONCEPTS FOR HEALTHCARE TRANSITION STUDENTS
This course focuses on application of nursing concepts to assist health care professionals to transition into the role of the registered nurse. Emphasis in this course is placed on evidenced based clinical decision making and nursing concepts provided in a family and community context for a variety of health alterations across the lifespan.

Credits: 10
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 6
Clinical Hours: Clinical Credits 3
Prerequisites: MTH 100 or higher, BIO 201 and 202, ENG 101, SPH 106 or SPH 107, PSY 210
Program: **Nursing**

NUR 211: ADVANCED NURSING CONCEPTS
This course provides opportunities for students to integrate advanced nursing care concepts within a family and community context. Content includes but is not limited to: manager of care for advanced concepts in safety, fluid/electrolyte balance, cellular regulation, gas exchange, psychosocial wellbeing, growth and development, perfusion, and medical emergencies.

Credits: 7
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Clinical Hours: Clinical Credits 3
Prerequisites: NUR 114, NUR 115, and SPH 106 or SPH 107.
Co-Requisites: BIO 220.
Program: **Nursing**

NUR 221: ADVANCED EVIDENCE BASED CLINICAL REASONING
This course provides students with opportunities to demonstrate graduate competencies through didactic and preceptorship experiences necessary to transition to the profession of nursing. Content in nursing and health care domains includes management of care, professionalism, and healthcare delivery systems.

Credits: 7
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Clinical Hours: Clinical Credits 4
Prerequisites: BIO 220, NUR 211.
Co-Requisites: Humanities elective (Ethics preferred(.
Program: **Nursing**

Nursing (Nurse Assistant/Aide)

NAS 100: LONG TERM CARE NURSING ASSISTANT
This course fulfills the seventy-five (75) hour Omnibus Budget Reconciliation Act (OBRA) requirements for training of long-term care nursing assistants in preparation for certification through competency evaluation. Emphasis is placed on the development of the knowledge, attitudes, and skills required of the long-term care nursing assistant. Upon completion of this course, the student should demonstrate satisfactory performance on written examinations and clinical skills.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Nursing (Nurse Assistant/Aide)**

Office Administration and Technology (OAT)

HIT 230: Medical Coding Systems I
This course is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes description of classification and nomenclature systems; coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; and validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

HIT 231: Medical Coding Systems I Lab
Lab to accompany the Medical Coding Systems I - intended to develop an understanding of coding and classifications systems in order to assign valid medical codes. Instruction includes description of classification and nomenclature systems; coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; and validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 1
Lecture Hours: Lecture Hours 1
Program: **Office Administration and Technology (OAT)**

HIT 232: Medical Coding Systems II
This course is a continuation of Medical Coding Systems I which is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 3
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

HIT 236: Medical Coding Systems II Lab
Lab to accompany Medical Coding Systems II - a continuation of Medical Coding Systems I Lab which is intended to develop an understanding of coding and classification systems in order to assign valid medical codes. Instruction includes coding diagnoses and/or procedures; sequencing codes; analyzing actual medical records to identify data elements to be coded; validating coded clinical information. Student competency includes demonstration of coding principles and applications (manual and/or computer assisted).

Credits: 1
Lecture Hours: Lecture Hours 1
Program: **Office Administration and Technology (OAT)**

OAD 101: BEGINNING KEYBOARDING
This course is designed to be able to use the touch method of keyboarding through classroom instruction and outside lab. Emphasis is on speed and accuracy in keying alphabetic, symbol, and numeric information using a keyboard. Upon completion, the student should be able to demonstrate proper technique and an acceptable rate of speed and accuracy as defined by the course syllabus, in the production of basic business documents such as memoranda, letters, reports, etc.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 103: INTERMEDIATE KEYBOARDING
This course is designed to assist the student in increasing speed and accuracy using the touch method of keyboarding through classroom instruction and lab exercises. Emphasis is on the production of business documents such as memoranda, letters, reports, tables, and outlines from unarranged rough draft to acceptable format. Upon completion, the student should be able to demonstrate proficiency and an acceptable rate of speed and accuracy, as defined by the course syllabus, in the production of business documents.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 101 or test above 30 words per minute
Program: **Office Administration and Technology (OAT)**

OAD 125: WORD PROCESSING
This course is designed to provide the student with basic word processing skills through classroom instruction and outside lab. Emphasis is on the utilization of software features to create, edit, and print common office documents. Upon completion, the student should be able to demonstrate the ability to use industry-standard software to generate appropriately formatted, accurate, and attractive business documents such as memoranda, letters, and reports.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 131: BUSINESS ENGLISH
This course is designed to develop the student's ability to use proper English. Emphasis is on grammar, spelling, vocabulary, punctuation, word usage, word division, and proofreading. Upon completion, the student should be able to communicate effectively.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 133: BUSINESS COMMUNICATIONS
This course is designed to provide the student with skills necessary to communicate effectively. Emphasis is on the application of communication principles to produce clear, correct, logically-organized business communications. Upon completion, the student should be able to demonstrate effective communication techniques in written, oral, and nonverbal communications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 138: RECORDS/INFORMATION MANAGEMENT
This course is designed to give the student knowledge about managing office records and information. Emphasis is on basic filing procedures, methods, systems, supplies, equipment, and modern technology used in the creation, protection, and disposition of records stored in a variety of forms. Upon completion, the student should be able to perform basic filing procedures.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 200: MACHINE TRANSCRIPTION
This course is designed to develop marketable skills in transcribing various forms of dictated material through classroom instruction. Emphasis is on the use of microcomputers and a commercial word processing package. Upon completion, the student should be able to accurately transcribe documents from dictated recordings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 103 or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 202: LEGAL TRANSCRIPTION
This course is designed to familiarize students with legal terms and provide transcription skill development in the production of legal correspondence, forms, and court documents through classroom instruction and lab exercises. Emphasis is on transcribing error-free legal documents using transcription equipment. Upon completion, students should be able to demonstrate the ability to accurately transcribe legal documents that are appropriately formatted.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 200 with grade of "C" or higher or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 203: LEGAL OFFICE PROCEDURES
This course is designed to provide an awareness of the responsibilities and opportunities of professional support personnel in a legal environment through classroom instruction and lab exercises. Emphasis is on legal terminology, the production of appropriate forms and reports, and the importance of office procedures and practices. Upon completion, the student should be able to perform office support tasks required for employment in a legal environment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 211: MEDICAL TERMINOLOGY
This course is designed to familiarize the student with medical terminology. Emphasis is on the spelling, definition, pronunciation, and usage of medical terms. Upon completion, the student should be able to communicate effectively using medical terminology.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 212: MEDICAL TRANSCRIPTION
This course is designed to orient students to standard medical reports, correspondence, and related documents transcribed in a medical environment through classroom instruction. Emphasis is on transcribing medical records from dictated recordings. Learn/maintain standards of ethical/professional conduct. Upon completion, the student should be able to accurately transcribe medical documents from dictated recordings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 200 with grade of "C" or higher or advisor approval.
Program: **Office Administration and Technology (OAT)**

OAD 214: MEDICAL OFFICE PROCEDURES
This course focuses on the responsibilities of professional support personnel in a medical environment. Emphasis is on medical terms, the production of appropriate forms and reports, and office procedures and practices. Upon completion, the student should be able to perform office support tasks required for employment in a medical environment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 218: OFFICE PROCEDURES
This course is designed to develop an awareness of the responsibilities and opportunities of the office professional through classroom instruction. Emphasis is on current operating functions, practices, and procedures, work habits, attitudes, oral and written communications and professionalism. Upon completion, the student should be able to demonstrate the ability to effectively function in an office support role. This course supports CIP code 52.0401.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

OAD 232: THE COMPUTERIZED OFFICE
This course is designed to enable the student to develop skill in the use of integrated software through classroom instruction and lab exercises. Emphasis is on the use of computerized equipment, software, and communications technology. Upon completion, the student should be able to satisfactorily perform a variety of office tasks using current technology.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: OAD 133
Program: **Office Administration and Technology (OAT)**

OAD 246: OFFICE GRAPHICS AND PRESENTATIONS
This course is designed to provide the student with a foundation in the use of the computer and appropriate application software in the production of business slides and presentations through classroom instruction and lab exercises. Emphasis is on available software tools, presentation options and design, as well as such presentation considerations as the make-up of the target audience. Upon completion, the student should be able to demonstrate the ability to design and produce a business presentation.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Office Administration and Technology (OAT)**

Orientation

ORI 107: STUDENT SURVIVAL SKILLS
This course is designed to provide students with information to improve their success as students in a college environment. Specific topics include stress management, time management, goal setting, improving listening and note taking skills, identification of optimum learning styles, reading skills, study skills, problem solving and decision making, test taking strategies, and financial management.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Orientation**

Paramedic

EMS 100: CARDIOPULMONARY RESUSCITATION I
This course provides students with concepts as related to areas of basic life support to include coronary artery disease, prudent heart living, symptoms of heart attack, adult one-and-two rescuer CPR, first aid for choking, pediatric basic life support, airway adjuncts, EMS system entry access, automated external defibrillation (AED), and special situations for CPR. Upon course completion, students should be able to identify situations requiring action related to heart or breathing conditions and effectively implement appropriate management for each condition. Students successfully completing this course will receive appropriate documentation of course completion.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Paramedic**

EMS 103: FIRST AID-CPR and AED
This course introduces students to initial first aid care. Topics include scene safety, universal precautions, activation of the EMS system, assessment, airway/breathing/ circulation, shock/injuries/ bleeding, medical emergencies, and altered level of consciousness. Upon course completion, students should have knowledge to manage various emergencies requiring first aid techniques.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: Current training in CPR or advisor approval.
Program: **Paramedic**

EMS 118: EMERGENCY MEDICAL TECHNICIAN
This course is required to apply for certification as an Emergency Medical Technician. This course provides students with insights into the theory and application of concepts related to the profession of emergency medical services. Specific topics include: EMS preparatory, airway maintenance, patient assessment, management of trauma patients, management of medical patients, treating infants and children, and various EMS operations. This course is based on the NHTSA National Emergency Medical Services Education Standards.

Credits: 9
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 6
Prerequisites: As required by program.
Co-Requisites: EMS 119
Program: **Paramedic**

EMS 119: EMERGENCY MEDICAL TECHNICIAN CLINICAL
This course is required to apply for certification as an EMT. This course provides students with clinical education experiences to enhance knowledge and skills learned in the EMS 118, Emergency Medical Technician Theory and Lab. This course helps students prepare for the National Registry Exam.

Credits: 1
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program.
Program: **Paramedic**

EMS 155: ADVANCED EMERGENCY MEDICAL TECHNICIAN
This course is required to apply for certification as an Advanced Emergency Medical Technician (AEMT). This course introduces the theory and application of concepts related to the profession of the AEMT. The primary focus of the AEMT is to provide basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Topics include: extending the knowledge of the EMT to a more complex breadth and depth, intravenous access and fluid therapy, medication administration, blind insertion airway devices, as well as the advanced assessment and management of various medical illnesses and traumatic injuries. This course is based on the NHTSA National Emergency Medical Services Education Standards. Requires licensure or eligibility for licensure at the EMT level and EMS 156 must be taken as a co-requisite.

Credits: 7
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 4
Prerequisites: As required by program.
Co-Requisites: EMS 156
Program: **Paramedic**

EMS 156: ADVANCED EMERGENCY MEDICAL TECHNICIAN CLINICAL
This course is required to apply for certification as an Advanced Emergency Medical Technician (AEMT). This course provides students with clinical education experiences to enhance knowledge and skills learned in EMS 155. This course helps prepare students for the National Registry AEMT Exam. The student will have the opportunity to use the basic and advanced skills of the AEMT in the clinical and field settings under the direct supervision of licensed healthcare professionals. Requires licensure or eligibility for licensure at the EMT level and EMS 155 must be taken as a co-requisite.

Credits: 2
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program.
Co-Requisites: EMS 155
Program: **Paramedic**

EMS 241: PARAMEDIC CARDIOLOGY
As required by program. This course introduces the cardiovascular system, cardiovascular electrophysiology, and electrocardiographic monitoring. This course further relates pathophysiology and assessment findings to the formulation of field impressions and implementation of treatment plans for specific cardiovascular conditions. Content areas include: cardiovascular anatomy and physiology, cardiovascular electrophysiology, electrocardiographic monitoring, rhythm analysis, and prehospital 12-lead electrocardiogram monitoring and interpretation, assessment of the cardiovascular patient, pathophysiology of cardiovascular disease and techniques of management including appropriate pharmacologic agents and electrical therapy.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Paramedic**

EMS 242: PARAMEDIC PATIENT ASSESSMENT
As required by program. This course provides the knowledge and skills needed to perform a comprehensive patient assessment, make initial management decisions, and to communicate assessment findings and patient care verbally and in writing. Content areas include: airway management, history taking, techniques of the physical examination, patient assessment, clinical decision making, communications, documentation and assessment based management.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Paramedic**

EMS 244: PARAMEDIC CLINICAL I
This course is directed toward the application of knowledge and skills developed in didactic and skills laboratory experiences to the clinical setting. Theory and skills are applied to a variety of patient situations in the clinical setting, with a focus on patient assessment and management, advanced airway management, electro-therapy, I.V./I.O. initiation and medication administration.

Credits: 1
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program
Program: **Paramedic**

EMS 245: PARAMEDIC MEDICAL EMERGENCIES
This course relates pathophysiology and assessment findings to the formulation of field impressions and implementation treatment plans for specific medical conditions. Content areas include: pulmonology, neurology, gastroenterology, renal/urology, toxicology, hematology, environmental conditions, infectious and communicable diseases, abuse and assault, patients with special challenges, and acute interventions for the chronic care patient.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: As required by program
Program: **Paramedic**

EMS 246: PARAMEDIC TRAUMA MANAGEMENT
This course relates pathophysiology and assessment findings to the formulation of field impressions and implementation of treatment plans for trauma patients. Content areas include the pathophysiology, assessment, and management of trauma as related to: trauma systems; mechanisms of injury; hemorrhage and shock; soft tissue injuries; burns; and head, facial, spinal, thoracic, abdominal, and musculoskeletal trauma.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Prerequisites: As required by program
Program: **Paramedic**

EMS 247: PARAMEDIC SPECIAL POPULATIONS
This course relates pathophysiology and assessment findings to the formulation of field impressions and implementation of treatment plans for specific medical conditions. Content areas include: endocrinology, allergies and anaphylaxis, behavioral/psychiatric conditions, gynecology, obstetrics, neonatology, pediatrics, and geriatrics. In the clinical setting, theory and skills are applied to a variety of medical situations across the life span of the patient, with a focus on communication with and management of cardiac, acute care, psychiatric/behavioral, obstetrical, newborn, pediatric, geriatric, and acute interventions for chronic care patients, and patients with special challenges.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Paramedic**

EMS 248: PARAMEDIC CLINICAL II
This course helps prepare students for the National Registry Paramedic Exam. The student will have the opportunity to use the basic and advanced skills of the Paramedic in the clinical setting under the direct supervision of licensed healthcare professionals. Requires licensure at the AEMT level.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program. This course is required to apply for certification as a Paramedic. This course provides students with clinical education experiences to enhance knowledge and skills learned in EMS 245, 246, and 247 and knowledge and proficiency from previous clinical experiences
Program: **Paramedic**

EMS 253: PARAMEDIC TRANSITION TO THE WORKFORCE
This course is designed to meet additional state and local educational requirements for paramedic practice. Content includes: ACLS, PALS or PEPP, ITLS or PHTLS, pre-hospital protocols, transfer drugs, and other courses as dictated by local needs or state requirements.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Paramedic**

EMS 254: ADVANCED COMPETENCIES FOR THE PARAMEDIC
This course is designed to assist students in preparation for the paramedic licensure examination. Emphasis is placed on validation of knowledge and skills through didactic review, skills lab performance, and/or computer simulation and practice testing. Upon course completion, students should be sufficiently prepared to sit for the paramedic licensure examination.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Paramedic**

EMS 255: PARAMEDIC FIELD PRECEPTORSHIP
This course helps prepare students for the National Registry Paramedic Exam. Students will utilize paramedic skills in a field setting under the direct supervision of a licensed paramedic.

Credits: 5
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program. This course is required to apply for certification as a paramedic. This course provides students with field experiences to enhance knowledge and skills learned throughout the paramedic program
Program: **Paramedic**

EMS 256: PARAMEDIC TEAM LEADERSHIP
This course is designed to evaluate students' ability to integrate didactic, psychomotor skills, clinical, and field internship instruction to serve as a competent entry-level paramedic. This final evaluative (rather than instructional) course focuses on students' professional attributes and integrative competence in clinical decision-making and team leadership in the prehospital setting. Upon course completion, students should have demonstrated adequate knowledge and skills, professional attitudes and attributes, clinical decision-making and team leadership abilities to effectively function as a competent entry-level paramedic.

Credits: 1
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 0
Prerequisites: As required by program
Program: **Paramedic**

EMS 257: PARAMEDIC APPLIED PHARMACOLOGY
This course introduces basic and advanced pharmacological agents and concepts, with an emphasis on drug classifications and the knowledge and skills required for safe, effective medication administration. Medication pharmacokinetics and pharmacodynamics will be evaluated for most medicines used in the pre-hospital setting. Students will also learn how to establish various routes of medication adminstration and procedures for administering medications via these routes. Students will also demonstrate mathematic computations for various drug and solution dose administration problems.

Credits: 2
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Paramedic**

Philosophy

PHL 106: INTRODUCTION TO PHILOSOPHY
This course is an introduction to the basic concepts of philosophy. The literary and conceptual approach of the course is balanced with emphasis on approaches to ethical decision making. The student should have an understanding of major philosophical ideas in a historical survey from the early Greeks to the modern era.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Philosophy**

PHL 206: ETHICS AND SOCIETY
This course involves the study of ethical issues which confront individuals in the course of their daily lives. The focus is on the fundamental questions of right and wrong, of human rights, and of conflicting obligations. The student should be able to understand and be prepared to make decisions in life regarding ethical issues.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Philosophy**

Phlebotomy (MLT)

MLT 101: PHLEBOTOMY CERTIFICATION
This course covers the basic techniques used in the collection of blood specimens. Presentation includes equipment and additives, basic anatomy, and techniques for safe and effective venipuncture. Upon completion, students should be able to correctly perform venipuncture.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Phlebotomy (MLT)**

MLT 102: PHLEBOTOMY CLINICAL
This is a supervised practicum within the medical lab setting that provides laboratory practice in phlebotomy. Emphasis is placed on collection techniques, specimen processing, work flow practices, referrals, and utilizing laboratory information systems.

Credits: 4
Lab Hours: Lab Hours 12
Lecture Hours: Lecture Hours 0
Prerequisites: Phlebotomy advisor approval.
Program: **Phlebotomy (MLT)**

Physical Education

PED 100: FUNDAMENTALS OF FITNESS
This lecture course includes the basic principles of physical education and physical fitness. It explores psychological and physiological effects of exercise and physical fitness, including effects on the human skeleton, muscle development, respiration, and coordination. It is viewed as an introduction to such laboratory courses as slimnastics, weight training, and conditioning. The course may also include fitness evaluation, development of individual fitness programs, and participation in fitness activities.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Physical Education**

PED 103: WEIGHT TRAINING (BEGINNING)
This course introduces the basics of weight training. Emphasis is placed on developing muscular strength, muscular endurance, and muscle tone. Upon completion, students should be able to establish and implement a personal weight training program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 104: WEIGHT TRAINING (INTERMEDIATE)
This course covers advanced levels of weight training. Emphasis is placed on meeting individual training goals and addressing weight training needs and interests. Upon completion, students should be able to establish and implement an individualized advanced weight training program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: PED 103
Program: **Physical Education**

PED 105: PERSONAL FITNESS
This course is designed to provide the student with information allowing him or her to participate in a personally developed fitness program. Topics include cardiovascular, strength, muscular endurance, flexibility and body composition.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: PED 103
Program: **Physical Education**

PED 106: AEROBICS
This course introduces a program of cardiovascular fitness involving continuous, rhythmic exercise. Emphasis is placed on developing cardiovascular efficiency, strength, and flexibility and on safety precautions. Upon completion, students should be able to select and implement a rhythmic aerobic exercise program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 109: JOGGING
This course covers the basic concepts involved in safely and effectively improving cardiovascular fitness. Emphasis is placed on walking, jogging, or running as a means of achieving fitness. Upon completion, students should be able to understand and appreciate the benefits derived from these activities.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 118: GENERAL CONDITIONING (BEGINNING)
This course provides an individualized approach to general conditioning utilizing the five major components. Emphasis is placed on the scientific basis for setting up and engaging in personalized physical fitness and conditioning programs. Upon completion, students should be able to set up and implement an individualized physical fitness and conditioning program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 119: GENERAL CONDITIONING (INTERMEDIATE)
This course is an intermediate-level fitness and conditioning program class. Topics include specific exercises contributing to fitness and the role exercise plays in developing body systems. Upon completion, students should be able to implement and evaluate an individualized physical fitness and conditioning program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: PED 118
Program: **Physical Education**

PED 133: TENNIS (BEGINNING)
This course emphasizes the fundamentals of tennis. Topics include basic strokes, rules, etiquette, and court play. Upon completion, students should be able to play recreational tennis.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 140: SWIMMING (BEGINNING)
This course is designed for non-swimmers and beginners. Emphasis is placed on developing confidence in the water, learning water safety, acquiring skills in floating, and learning elementary strokes. Upon completion, students should be able to demonstrate safety skills and be able to tread water, back float, and use the crawl stroke for 20 yards.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 141: SWIMMING (INTERMEDIATE)
This course is designed for those who have mastered basic swimming skills. Emphasis is placed on refining basic skills and learning new swim strokes. Upon completion, students should be able to demonstrate the four basic strokes, the scissor kick, the underwater swim, and other related skills.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: PED 140 or advisor approval.
Program: **Physical Education**

PED 142: SWIMMING (ADVANCED
This course introduces lap swimming, aquacises, water activities, and games. Emphasis is placed on increasing cardiovascular efficiency through aquatic exercise. Upon completion, students should be able to develop an individualized aquatic fitness program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Prerequisites: PED 141 or advisor approval.
Program: **Physical Education**

PED 143: AQUATIC EXERCISE
This course introduces rhythmic aerobic activities and aquatic exercises perfomed in water. Emphasis is placed on increasing cardiovascular fitness levels, muscular strength, muscular endurance, and flexibility. Upon completion, students should be able to participate in an individually-paced exercise program.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 238: VARSITY BASKETBALL I
This course covers advanced fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive basketball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 249: VARSITY BASKETBALL II
This course covers advanced fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. This course builds upon previous instruction and provides opportunities to develop skills. Upon completion, students should be able to participate in competitive basketball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 250: VARSITY BASKETBALL III
This course covers advanced fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. This course builds upon previous instruction and provides opportunities to develop skills. Upon completion, students should be able to participate in competitive basketball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 251: VARSITY BASKETBALL IV
This course covers advanced fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. This course builds upon previous instruction and provides opportunities to develop skills. Upon completion, students should be able to participate in competitive basketball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 252: VARSITY BASEBALL I
This course covers advanced baseball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to play baseball at a competitive level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 254: VARSITY SOFTBALL I
This course introduces the fundamental skills and rules of softball. Emphasis is placed on proper techniques and strategies for playing softball. Upon completion, students should be able to play competitive softball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 258: VARSITY VOLLEYBALL I
This course covers advanced volleyball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to participate in competitive volleyball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 261: VARSITY BASEBALL II
This course covers advanced baseball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to play baseball at a competitive level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 262: VARSITY BASEBALL III
This course covers advanced baseball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to play baseball at a competitive level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 271: VARSITY SOFTBALL II
This course introduces the fundamental skills and rules of softball. Emphasis is placed on proper techniques and strategies for playing softball. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to play competitive softball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 272: VARSITY SOFTBALL III
This course introduces the fundamental skills and rules of softball. Emphasis is placed on proper techniques and strategies for playing softball. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to play competitive softball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 273: VARSITY SOFTBALL IV
This course introduces the fundamental skills and rules of softball. Emphasis is placed on proper techniques and strategies for playing softball. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to play competitive softball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 280: VARSITY CHEERLEADING II
This course covers advanced co-ed cheerleading techniques. Emphasis is placed on refining skills and improving all areas related to co-ed cheerleading including: knowledge of safety techniques, partner stunts, tumbling, basket tosses, pyramids, motions, physical conditioning, and mental preparation. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion of this program, students should be able to participate in a competitive program at the university level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 281: VARSITY CHEERLEADING III
This course covers advanced co-ed cheerleading techniques. Emphasis is placed on refining skills and improving all areas related to co-ed cheerleading including: knowledge of safety techniques, partner stunts, tumbling, basket tosses, pyramids, motions, physical conditioning, and mental preparation. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion of this program, students should be able to participate in a competitive program at the university level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 282: VARSITY CHEERLEADING IV
This course covers advanced co-ed cheerleading techniques. Emphasis is placed on refining skills and improving all areas related to co-ed cheerleading including: knowledge of safety techniques, partner stunts, tumbling, basket tosses, pyramids, motions, physical conditioning, and mental preparation. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion of this program, students should be able to participate in a competitive program at the university level.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 283: VARSITY VOLLEYBALL II
This course covers advanced volleyball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to participate in competitive volleyball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

PED 284: VARSITY VOLLEYBALL III
This course covers advanced volleyball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. This course builds upon previous instruction and provides additional opportunities to develop skills. Upon completion, students should be able to participate in competitive volleyball.

Credits: 1
Lab Hours: Lab Hours 1
Lecture Hours: Lecture Hours 0
Program: **Physical Education**

Physical Science

PHS 111: PHYSICAL SCIENCE I
This course provides the non-technical student with an introduction to the basic principles of geology, oceanography, meteorology, and astronomy. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Program: **Physical Science**

PHS 112: PHYSICAL SCIENCE II
This course provides the non-technical student with an introduction to the basic principle of chemistry and physics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Program: **Physical Science**

Physics

PHY 120: INTRODUCTION TO PHYSICS
This course provides an introduction to general physics for non-science majors. Topics include fundamentals of mechanics, properties of matter, heat and temperature, simple harmonic motion, SHM, waves and sound, electricity and magnetism, optics and modern physics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 098 or higher or appropriate placement score
Program: **Physics**

PHY 201: GENERAL PHYSICS I-TRIG BASED
This course is designed to cover general physics at a level that assumes previous exposure to college algebra and basic trigonometry. Specific topics include mechanics, properties of matter and energy, thermodynamics, and periodic motion. A laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 113 or appropriate placement score
Program: **Physics**

PHY 202: GENERAL PHYSICS II-TRIG BASED
This course is designed to cover general physics using college algebra and basic trigonometry. Specific topics include wave motion, sound, light optics, electrostatics, circuits, magnetism, and modern physics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: PHY 201
Program: **Physics**

PHY 205: RECITATION IN GENERAL PHYSICS I-TRIG BASED
One hour weekly for problem solving.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program.
Program: **Physics**

PHY 206: RECITATION IN GENERAL PHYSICS II-TRIG BASED
One hour weekly for problem solving.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program.
Program: **Physics**

PHY 213: GENERAL PHYSICS WITH CAL I
This course provides a calculus-based treatment of the principle subdivisions of classical physics: mechanics and energy, including thermodynamics. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: MTH 125
Program: **Physics**

PHY 214: GENERAL PHYSICS WITH CAL II
This course provides a calculus-based study in classical physics. Topics included are: simple harmonic motion, waves, sound, light, optics, electricity and magnetism. Laboratory is required.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Prerequisites: PHY 213
Program: **Physics**

PHY 216: RECITATION IN GENERAL PHYSICS WITH CAL I
One hour weekly for problem solving.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Physics**

PHY 217: RECITATION IN GENERAL PHYSICS WITH CAL II
One hour weekly for problem solving.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Physics**

PHY 299: DIRECTED STUDIES IN PHYSICS
This course is designed for independent study in specific areas of physics chosen by the student in consultation with a faculty member and carried out under faculty supervision.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Prerequisites: As required by program
Program: **Physics**

Political Science

POL 200: INTRODUCTION TO POLITICAL SCIENCE
This course is an introduction to the field of political science through examination of the fundamental principles, concepts, and methods of the discipline, and the basic political processes and institutions of organized political systems. Topics include approaches to political science, research methodology, the state, government, law, ideology, organized political influences, governmental bureaucracy, problems in political democracy, and international politics. Upon completion, students should be able to identify, describe, define, analyze, and explain relationships among the basic principles and concepts of political science and political processes and institutions of contemporary political systems.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Advisor approval.
Program: **Political Science**

POL 211: AMERICAN NATIONAL GOVERNMENT
This course surveys the background, constitutional principles, organization, and operation of the American political system. Topics include the U. S. Constitution, federalism, civil liberties, civil rights, political parties, interest groups, political campaigns, voting behavior, elections, the presidency, bureaucracy, Congress, and the justice system. Upon completion, students should be able to identify and explain relationships among the basic elements of American government and function as more informed participants of the American political system.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Advisor approval.
Program: **Political Science**

Psychology

PSY 106: CAREER EXPLORATION
This course is designed to explore potential career fields. It includes an assessment, thorough testing of strengths and weaknesses, general information about careers and job skills, instruction in value and decision making techniques and career research.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Psychology**

PSY 107: STUDY SKILLS
In this course, emphasis is placed on the skills of “how to study.” The course introduces the student to effective techniques for listening in class, note taking, preparation for test taking, and an overall system of successful study.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Program: **Psychology**

PSY 200: GENERAL PSYCHOLOGY
This course is a survey of behavior with emphasis upon psychological processes. This course includes the biological bases for behavior, thinking, emotion, motivation, and the nature and development of personality.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Psychology**

PSY 210: HUMAN GROWTH AND DEVELOPMENT
This course is the study of the psychological, social, and physical factors that affect human behavior from conception to death.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: PSY 200
Program: **Psychology**

PSY 211: CHILD GROWTH AND DEVELOPMENT
This course is a systematic study of the behavior and psychological development of the child from conception to adolescence. Emphasis will be placed on principles underlying physical, mental, emotional and social development, methods of child study, and practical implications.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Psychology**

PSY 230: ABNORMAL PSYCHOLOGY
This course is a survey of abnormal behavior and its social and biological origins. The anxiety related disorders, psychoses, personality disorders and mental deficiencies will be covered.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: PSY 200
Program: **Psychology**

Reading

RDG 114: CRITICAL READING FOR COLLEGE
This course is designed to enhance critical reading skills. Topics include vocabulary enrichment, reading flexibility, metacognitive strategies, and advanced comprehension skills, including analysis and evaluation. Upon completion, students should be able to demonstrate comprehension and analysis and respond effectively to material across disciplines.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Appropriate reading placement score or a grade of “S” in RDG 083
Program: **Reading**

Religion

REL 100: HISTORY OF WORLD RELIGIONS
This course is designed to acquaint the student with the beliefs and practices of the major contemporary religions of the world. This includes the religions of Africa, the Orient, and the western world. The student should have an understanding of the history and origins of the various religions in the world.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Religion**

REL 151: SURVEY OF THE OLD TESTAMENT
This course is an introduction to the content of the Old Testament with emphasis on the historical context and contemporary theological and cultural significance of the Old Testament. The student should have an understanding of the significance of the Old Testament writings upon completion of this course.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Religion**

REL 152: SURVEY OF THE NEW TESTAMENT
This course surveys books of the New Testament with special attention focused on the historical and geographical setting. The student should have an understanding of the books of the New Testament and the cultural and historical events associated with these writings.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Religion**

Salon and Spa Management (SAL)

SAL 133: SALON MANAGEMENT TECHNOLOGY
This course is designed to develop entry-level management skills for the beauty industry. Topics include job-seeking, leader and entrepreneurship development, business principles, business laws, insurance, marketing, and technology issues in the workplace. Upon completion, the student should be able to list job-seeking and management skills and the technology that is available for use in the salon.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Salon and Spa Management (SAL)**

SAL 201: ENTREPRENEURSHIP FOR SALON AND SPA MANAGEMENT
This course covers the important issues and critical steps involved in starting a new business from scratch. Topics covered include developing a business plan, creating a successful marketing strategy, setting up the legal basis for business, raising start-up funds, attracting and managing human resources, managing costs, and developing a customer base.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Salon and Spa Management (SAL)**

Sociology

SOC 200: INTRODUCTION TO SOCIOLOGY
This course is an introduction to the vocabulary, concepts, and theory of sociological perspectives of human behavior.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Sociology**

SOC 210: SOCIAL PROBLEMS
This course examines the social and cultural aspects, influences, incidences and characteristics of current social problems in light of sociological theory and research.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: SOC 200
Program: **Sociology**

SOC 247: MARRIAGE AND THE FAMILY
This course is a study of family structures and families in a modern society. It covers preparation for marriage, as well as sociological, psychological, biological, and financial factors relevant to success in marriage and family life.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: SOC 200
Program: **Sociology**

Spanish

SPA 101: INTRODUCTORY SPANISH I
This course provides an introduction to Spanish. Topics include the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish-speaking areas.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Program: **Spanish**

SPA 102: INTRODUCTORY SPANISH II
This continuation course includes the development of basic communication skills and the acquisition of basic knowledge of the cultures of Spanish speaking areas.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 4
Prerequisites: SPA 101 or equivalent.
Program: **Spanish**

SPA 201: INTERMEDIATE SPANISH I
This course includes a review and further development of communication skills. Topics include readings of literary, historical, and/or cultural texts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: SPA 102 or equivalent
Program: **Spanish**

SPA 202: INTERMEDIATE SPANISH II
This continuation course includes a review and further development of communication skills. Topics include readings of literary, historical, and/or cultural texts.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: SPA 201 or equivalent.
Program: **Spanish**

Speech

SPC 103: ORAL COMMUNICATION SKILLS
This course introduces the basic concepts of interpersonal communication and the oral communication skills necessary to interact with co-workers and customers, and to work effectively in teams. Topics include overcoming barriers to effective communication, effective listening, applying the principles of persuasion, utilizing basic dynamics of group discussion, conflict resolution, and positive communication patterns in the business setting. Upon completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, develop a businesslike personality, and effectively present themselves before co-workers and the public.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Speech**

SPH 106: FUNDAMENTALS OF ORAL COMMUNICATION
Fundamentals of Oral Communication is a performance course that includes the principles of human communication: intrapersonal, interpersonal, and public. It surveys current communication theory and provides practical application.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade of C or better in ENG 093 or placement score in ENG 101.
Program: **Speech**

SPH 107: FUNDAMENTALS OF PUBLIC SPEAKING
This course explores principles of audience and environment analysis as well as the actual planning, rehearsing and presenting of formal speeches to specific audiences. Historical foundations, communication theories and student performances are emphasized.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Prerequisites: Grade of C or better in ENG 093 or placement score in ENG 101
Program: **Speech**

SPH 111: SIGN LANGUAGE
In this course, students are taught the basics of communication through sign language.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Speech**

SPH 112: SIGN LANGUAGE
In this course, students are taught to expand vocabulary and proficiency in sign language.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Speech**

SPH 116: INTRO TO INTERPERSONAL COMMUNICATION
This course is an introduction to the basic principles of interpersonal communication.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Speech**

SPH 206: ORAL INTERPRETATION
This course is designed to help students develop specific skills in the analysis and oral interpretation of poetry, prose, and drama. It includes a study of the elements of oral communication such as imagery, structure, and dramatic timing.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Speech**

Surgical Technology

SUR 100: PRINCIPLES OF SURGICAL TECHNOLOGY
This course is an introduction to the field of surgical technology as a career. Emphasis is on the role of the surgical technologist, principles of asepsis, principles of patient care, surgical procedures, operative techniques, blood-borne pathogens, safety, pharmacology, and surgical instrumentation. Upon completion, the student should be able to demonstrate practical application of the basic principles and skills of the surgical technologist.

Credits: 5
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 3
Prerequisites: Admission to the program and advisor approval.
Program: **Surgical Technology**

SUR 102: APPLIED SURGICAL TECHNIQUES
This course is the application of principles of asepsis and the role of the surgical technologist. Emphasis is placed on creating and maintaining a sterile environment, and applying skills of interpretative procedures. Upon completion of this course, the student should be able to participate in mock surgical procedures.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 2
Clinical Hours: Clinical Credits 6
Prerequisites: SUR 100
Program: **Surgical Technology**

SUR 103: SURGICAL PROCEDURES
This course is a study of surgical procedures as they relate to anatomy, pathology, specialty equipment, and team responsibility. Patient safety is emphasized and medications used in surgery are discussed. Upon completion of the course, the student should be able to participate in surgical procedures in the operating room.

Credits: 5
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 3
Clinical Hours: Clinical Credits 0
Prerequisites: SUR 102
Program: **Surgical Technology**

SUR 104: SURGICAL PRACTICUM I
This course is the application of perioperative principles in the perioperative setting. Emphasis is placed on application of the surgical technologist. Upon completion of the course, the student should be able to participate in the surgical technologist role.

Credits: 4
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 0
Clinical Hours: Clinical Credits 20
Prerequisites: SUR 103
Program: **Surgical Technology**

SUR 105: SURGICAL PRACTICUM II
This clinical experience allows the student to practice in the health care environment using entry level skills attained in previous classroom laboratory and clinical instruction. In addition to clinical skills, emphasis is placed on specialty surgical procedures, the study of trends, professional and interpersonal skills in the health care setting, and case review. Upon completion of this course, the student should be able to apply concepts of surgical technology to student levels.

Credits: 5
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Clinical Hours: Clinical Credits 20
Prerequisites: SUR 104
Co-Requisites: SUR 106
Program: **Surgical Technology**

SUR 106: ROLE TRANSITION IN SURGICAL TECHNOLOGY
This course is designed to provide specialized instruction for the student preparing to transition into the field of Surgical Technology. Emphasis is on review of content specific to the practice of surgical technology and preparation for the NBSTSA certification examination. Upon completion of this course, the student will be able to demonstrate readiness to take the certification examination.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 1
Clinical Hours: Clinical Credits 0
Co-Requisites: SUR 105
Program: **Surgical Technology**

SUR 107: SURGICAL ANATOMY & PHYSIOLOGY
This course is an overview of surgical anatomy and physiology. Emphasis is placed on the organizational structure of the body, organ systems, relevant surgical pathophysiology, and related medical terminology. Upon completion, the student should be able to apply knowledge of anatomy in the clinical environment.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Clinical Hours: Clinical Credits 0
Prerequisites: Admission to the program and/or as required by the SUR Department
Program: **Surgical Technology**

SUR 208: SPECIAL TOPICS IN SURGICAL TECHNOLOGY
This course is designed to provide specialized instruction in selected topics in the field of Surgical Technology. Emphasis is on content specific principles based on student needs.

Credits: 1
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 0
Clinical Hours: Clinical Credits 3
Prerequisites: Admission to the program and/or as required by the Department
Program: **Surgical Technology**

Theater Arts

THR 120: THEATER APPRECIATION
This course is designed to increase appreciation of contemporary theater. Emphasis is given to the theater as an art form through the study of history and theory of drama and the contributions of modern media. Emphasis of playwright, actor, director, designer and technician to modern media. Attendance at theater production may be required.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Theater Arts**

Truck Driver Training (TRK)

TRK 111: BASIC VEHICLE OPERATION
This course introduces students to the fundamentals of becoming a professional commercial motor vehicle driver. Topics include orientation, control systems, vehicle inspections and reporting, basic control, shifting, backing, coupling and uncoupling, proficiency development, and special rigs. Upon completion, the student should demonstrate proficiency in skill field tasks and pre-trip inspections to Commercial Drivers License standards.

Credits: 4
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 3
Co-Requisites: TRK 112, TRK 113.
Program: **Truck Driver Training (TRK)**

TRK 112: SAFE OPERATING PRACTICES
This course offers proper defensive driving techniques applicable to the commercial motor vehicle driver and involves the interaction between the student/vehicle and the highway traffic environment. Topics include visual search, communication, speed and space management, night operation, extreme driving conditions, and proficiency development. Upon completion, the student should demonstrate basic operating skills that ensure safety of the driver and other vehicle operators to Commercial Drivers License standards.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Co-Requisites: TRK 111, TRK 113.
Program: **Truck Driver Training (TRK)**

TRK 113: NON-VEHICLE ACTIVITIES
This course focuses on activities not directly related to the vehicle itself, but that are related to the potential job performance of the commercial motor vehicle driver. Topics include handling cargo, cargo documentation, hours of service requirements, accident procedures, personal health and safety, trip planning, employability skills, and public and employer relations. Upon completion, the student will demonstrate performance of these activities to Commercial Drivers License standards to ensure safety to the driver, vehicle, cargo, and other motorists.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Co-Requisites: TRK 111, TRK 112.
Program: **Truck Driver Training (TRK)**

Vehicle Technology and Repair (VTR)

VTR 112: ELECTRICAL FUNDAMENTALS
This course introduces the principles of basic Electrical/Electronic concepts and fundamentals. Topics include basic DC theory, types of diagnostic equipment, circuit protection, wire repair, use of wiring diagrams, airbag modules, and impact sensors. Upon completion, student should be able to identify components, test systems, and repair minor electrical problems according to manufacturer's literature.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 121: BRAKING SYSTEMS
This course covers the theory and repair of braking systems and various other mechanical repairs. Emphasis is placed on the practical application of brakes. Upon completion, students should be able to troubleshoot, adjust and repair braking system.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 122: STEERING AND SUSPENSION
This course introduces students to the various types of suspension and steering systems. Emphasis is placed on the practical application of steering and suspension. Upon completion, students should be able to troubleshoot, adjust, and repair suspension and steering components.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

VTR 133: HEATING AND AIR CONDITIONING
This course provides basic instruction in theory, operation, and repair of heating and air conditioning/refrigeration systems. Topics include operation theory, safety, maintenance, recycling and recovery procedures, recharging procedures, troubleshooting procedures, refrigerant leaks, and system repairs. Emphasis is placed on the understanding and repair air conditioning and heating systems, including but not limited to air management, electrical and vacuum controls, refrigerant recovery, and component replacement.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Vehicle Technology and Repair (VTR)**

Welding Technology (WDT)

WDT 108: SMAW FILLET/OFC
This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of oxy-fuel cutting.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 109: SMAW FILLET/PAC/CAC
This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of carbon arc cutting and plasma arc cutting.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 110: INDUSTRIAL BLUE PRINT READING
Credits: 3
Program: **Welding Technology (WDT)**

WDT 119: GAS METAL ARC/FLUX CORED ARC WELDING
This course introduces the student to the gas metal arc and flux cored arc welding process. Emphasis is placed on safe operation practices, handling and storage of compressed gasses, process principles, component identification, various welding techniques and base and filler metal identification.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Prerequisites: **WDT 109** Or advisor approval
Program: **Welding Technology (WDT)**

WDT 120: SHIELDED METAL ARC WELDING GROOVE
This course provides the student with instruction on joint design, joint preparation, and fit-up of groove welds in accordance with applicable welding codes. Emphasis is placed on safe operation, joint design, joint preparation, and fit-up. Upon completion, students should be able to identify the proper joint design, joint preparation and fit-up of groove welds in accordance with applicable welding codes.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 122: SMAW FILLET/OFC LAB
This course is designed to introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit-up of fillet joints. This course is also designed to instruct students in the safe operation of oxy-fuel cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-3 groups in accordance with applicable welding code and be able to safely operate oxy-fuel equipment and perform those operations as per the applicable welding code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 123: SMAW FILLET/PAC/CAC LAB
This course is designed to introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit-up of fillet joints. This course is also designed to instruct students in the safe operation of plasma arc and carbon arc cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-4 groups in accordance with applicable welding code and be able to safely operate plasma arc and carbon arc equipment and perform those operations as per the applicable welding code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 124: GAS METAL ARC/FLUX CORED ARC WELDING LAB
This course provides instruction and demonstration using the various transfer methods and techniques to gas metal arc and flux cored arc welds. Topics included are safety, equipment set-up, joint design and preparation, and gases.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 125: SHIELDED METAL ARC WELDING GROOVE LAB
This course provides instruction and demonstrations in the shielded metal arc welding process on carbon steel plate with various size F-3 and F-4 group electrodes in all positions. Emphasis is placed on welding groove joints and using various F-3 and F-4 group electrodes in all positions. Upon completion, the student should be able to make visually acceptable groove weld joints in accordance with applicable welding codes.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: **WDT 109** or advisor approval
Program: **Welding Technology (WDT)**

WDT 155: GTAW CARBON PIPE LAB
This course is designed to provide the student with the skills in welding carbon steel pipe with gas tungsten arc welding techniques in various pipe weld positions. Upon completion, students should be able to perform gas tungsten arc welding on carbon steel pipe with the prescribed filler metals in various positions in accordance with the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 156: GTAW STAINLESS PIPE LAB
This course is designed to provide the student with the skills in welding stainless steel pipe with gas tungsten arc welding techniques in various pipe weld positions. Upon completion, students should be able to perform gas tungsten arc welding on stainless steel pipe with the prescribed filler metals in various positions in accordance with the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 157: CONSUMABLE WELDING PROCESSES
This course provides instruction and demonstration with the consumable welding processes to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of electrode, current/polarity, shielding gas and base metals.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 158: CONSUMABLE WELDING PROCESSES LAB
This course provides instruction and demonstration with the consumable welding processes to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of electrode, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using consumable welding processes according to AWS Codes and standards. This course supports CIP code 48.0508.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 160: ROBOTICS LAB I
This course is the practical application of robotics theory. Students will complete machine origins, robotic programming, robotic welding parameters, link programs to create jobs, and allocate a weave start.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 166: FLUX CORE ARC WELDING (FCAW)
This course provides instruction and demonstration with the flux core arc welding process to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of filler metals, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using the FCAW welding process, according to AWS Codes and Standards. This course supports CIP code 48.0508.

Credits: 3
Lab Hours: Lab Hours 3
Lecture Hours: Lecture Hours 2
Program: **Welding Technology (WDT)**

WDT 167: FLUX CORE ARC WELDING LAB
This course provides instruction and demonstration with the flux core arc welding process to produce groove and fillet welds in all positions, according to applicable welding codes. Topics include safe operating practices, equipment identification, equipment set-up, correct selection of filler metals, current/polarity, shielding gas and base metals. Upon completion, the student should be able to produce groove and fillet welds using the FCAW welding process, according to AWS Codes and Standards.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 180: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 181: SPECIAL TOPICS LAB
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students needs.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 182: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 183: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 2
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 184: SPECIAL TOPICS
This course allows the student to plan, execute, and present results of individual projects in welding. Emphasis is placed on enhancing skill attainment in the welding field. The student will be able to demonstrate and apply competencies identified and agreed upon between the student and instructor.

Credits: 1
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 193: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 217: SMAW CARBON PIPE
This course introduces the student to the practices and procedures of welding carbon steel pipe using the shielded metal arc weld (SMAW) process. Emphasis is placed on pipe positions, electrode selection, joint geometry, joint preparation and fit-up. Upon completion, students should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, and fit-up in accordance with applicable codes.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 218: CERTIFICATION
This course is designed to provide the student with the knowledge needed to perform welds using the prescribed welding process. Emphasis is placed on the welding test joints in accordance with the prescribed welding code. Upon completion, students should be able to pass and industry standard welding test in accordance with various applicable welding code requirements.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 219: WELDING INSPECTION & TESTING
This course provides the student with inspection skills and knowledge necessary to evaluate welded joints and apply quality control measures as needed. Emphasis is placed on interpreting welding codes, welding procedures, and visual inspection methods. Upon completion, students should be able to visually identify visual acceptable weldments as prescribed by the code or welding specification report.

Credits: 3
Lab Hours: Lab Hours 0
Lecture Hours: Lecture Hours 3
Program: **Welding Technology (WDT)**

WDT 221: PIPEFITTING AND FABRICATION
This course provides the student with skills and practices necessary for fabricating pipe plans using pipe and fittings. Emphasis is placed on various pipe fittings to include various degree angles. Upon completion, students should be able to fit various pipe fittings, and cut and fabricate tees, and assorted angles.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 223: BLUEPRINT READING FOR FABRICATION
This course provides a student with advanced skills in identifying and interpreting lines, views, dimensions, notes, bill of materials, and the use of tools of the trade. Emphasis is placed on figuring dimensional tolerances, layout and fitting of different component parts. Upon course completion, a student should be able to interpret, layout, and fabricate from blueprints to given tolerances.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 229: BOILER TUBE
This course is designed to provide the student with the practices and procedures of welding boiler tubes using the gas tungsten arc and shielded metal arc welding process to the applicable code. Emphasis is placed on tube fit-up, tube welding technique, and code requirements. Upon completion, students should be able to identify code requirements and tube welding technique.

Credits: 3
Lab Hours: Lab Hours 4
Lecture Hours: Lecture Hours 1
Program: **Welding Technology (WDT)**

WDT 251: SMAW Carbon Pipe Lab
Credits: 3
Program: **Welding Technology (WDT)**

WDT 257: SMAW CARBON PIPE LAB
This course is designed to provide the student with the skills in welding carbon steel pipe with shielded metal arc welding techniques in various pipe welding positions. Upon completion, students should be able to perform shielded metal arc welding on carbon steel pipe with the prescribed electrodes in various positions in accordance with the applicable codes.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 258: CERTIFICATION LAB
This course is designed to provide the student with the skills needed to perform welds using the prescribed welding process. Emphasis is placed on the welding test joints in accordance with the prescribed welding code. Upon completion, students should be able to pass and industry standard welding test in accordance with various welding code requirements.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Prerequisites: **WDT 218** or advisor approval. Can also be taken as a co-requisite.
Program: **Welding Technology (WDT)**

WDT 269: BOILER TUBE LAB
This course is designed to provide the student with the skills in welding boiler tubes using the gas tungsten arc and shielded metal arc welding process using filler metals in the F6 and F4 groups to applicable code. Emphasis is placed on welding boiler tubes using the gas tungsten arc and shielded metal arc welding process in the 2G and 6G positions in accordance with the applicable code. Upon completion, students should be able to perform gas tungsten arc and shielded metal arc welding on boiler tubes with the prescribed filler metals in the 2G and 6G positions to the applicable code.

Credits: 3
Lab Hours: Lab Hours 6
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 280: SPECIAL TOPICS
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 281: SPECIAL TOPICS IN WELDING TECHNOLOGY
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 282: SPECIAL TOPICS
This course provides specialized instruction in various areas related to the welding industry. Emphasis is placed on meeting students' needs.

Credits: 3
Lab Hours: Lab Hours 9
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 291: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 292: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 3
Lab Hours: Lab Hours 15
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 293: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 1
Lab Hours: Lab Hours 5
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

WDT 294: CO-OP
These courses constitute a series wherein the student works on a part-time basis in a job directly related to welding. In these courses the employer evaluates the student's productivity and the student submits a descriptive report of his work experiences. Upon completion, the student will demonstrate skills learned in an employment setting.

Credits: 2
Lab Hours: Lab Hours 10
Lecture Hours: Lecture Hours 0
Program: **Welding Technology (WDT)**

Workplace Skills

WKO 110: NCCER CORE
This course is designed to provide students with knowledge and skills related to multi-craft technicians in a variety of fields. Information in this course is based on the National Center of construction Education and Research (NCCER) core curriculum and prepares students to test for the NCCER credential.

Credits: 3
Lab Hours: Lab Hours 2
Lecture Hours: Lecture Hours 2
Program: **Workplace Skills**

Student Handbook

The Student Handbook has been prepared to assist all students in becoming acquainted with Bevill State Community College. It is designed to orient all students to the College's functions, organizations, policies, and regulations. Each student is held responsible for information contained in this handbook and in the College Catalog.
The Handbook does not contain all the standards or regulations of the College. Students should be familiar with information provided by organizations on campus and the academic departments. The College Catalog is the official announcement of program requirements and academic regulations of Bevill State Community College.

The information provided in this Handbook is accurate and current; however, changes may occur. The College reserves the right to make changes in regulations, policies, procedures and other matters as necessary without prior notice.

It is the policy of the Alabama Community College System, its Board of Trustees, and Bevill State Community College, a postsecondary institution under its control, , that no person shall be discriminated against on the basis of any impermissible criterion or characteristic, including, but not limited to, race, color, national origin, religion, marital status, disability, gender, age, or any other protected class as defined by federal and state law. Inquiries concerning Title IX should contact Melissa Stowe at **melissa.stowe@bscc.edu** or Mary Kinard at **mary.kinard@bscc.edu** (1411 Indiana Avenue, Jasper, AL 35501 • 205-387-0511). Anyone who has a disability that might require special materials, services, or assistance, should contact Andria Stevens at **andria.stevens@bscc.edu** (Fayette Campus), Gail Wooldridge at **gail.wooldridge@bscc.edu** (Hamilton Campus), Hannah Tingle at **hannah.tingle@bscc.edu** (Jasper Campus), Michael Gordon at **michael.gordon@bscc.edu** (Sumiton Campus), at least 48 hours in advance. For TDD users in Alabama, the Alabama Relay Center is available by dialing 7-1-1. All materials related to compliance with the Americans with Disabilities Act and Section 504 are maintained by the College coordinator, Jill Preuninger.

Opportunities for Participation

Opportunities for Participation and Student Organizations

All students are encouraged to contribute to the decision-making process of the College. They should voice their comments and suggestions through student organizations and follow the chain of command within those organizations. Student organizations and activities give the student body an opportunity to make positive contributions to both the community and the institution. Student organizations are open to admitted, degree-seeking students. Participation in specific organizations is open to those who qualify for membership.

A recognized student organization must sponsor extracurricular activities. The sponsor/ advisor for the host organization must be present at each function. College facilities are made available to organizations for such activities when possible. Request forms for extracurricular activities may be obtained from the Office of Student Services. Approval for activities should follow established College procedures (see Procedures for Approval of Extracurricular and/or Fundraising Activities). Any student who brings a guest or visitor to the camps or any College sponsored activity is responsible for the conduct of the guest or visitor.

Ambassadors

Ambassadors are chosen on the basis of academic performance, individual interviews, and leadership abilities. In addition to serving as campus tour guides, Ambassadors host various College events, work with community and civic groups, and serve as College representatives at high school career days and community and civic activities. Ambassadors are selected annually.

Band and Chorus

These musical organizations perform at school concerts, and college and community programs. They also conduct concerts for area community events and organizations. Students may receive scholarships and academic credit for participation.

Bevill State Outdoors Club

The goal of the Outdoors Club is for all members to gain a greater respect, appreciation, and understanding of the outdoors and the steps necessary to preserve nature's outdoor resources. The Outdoors Club also provides a forum through which members can discuss ethics and safety of a responsible outdoors member as well as Constitutional and related rights regarding all outdoor sports. Membership is open to any Bevill State student.

Campus Ministries

As a nondenominational religious organization, Campus Ministries seeks to expand members' spiritual lives through service, fellowship, study, and recreation.

Circle K

Circle K is an organization open to all eligible students. Circle K is sponsored by the Kiwanis Club and is affiliated with Kiwanis International, Key Club, and Builder's Club.

Delta Rho Sigma

The purpose of the Delta Rho Sigma honorary is to support the success of pre-professional students from the two-year college. The honorary organization seeks to provide novel member opportunities for pre-professional service, leadership, and scholarship.

Fine Arts Association of Bevill (FAAB)

FAAB is a student organization dedicated to increasing students' appreciation and involvement in the Arts.

Fandom Club

The purpose of the Fandom Club shall be to provide a cultural organization for students to interact and express themselves with students who share common interests. Fandom genres include movies, television shows, anime, comics, books, art exhibits, musical bands, and games. Examples would be StarTrek,Doctor Who, andSherlock.

Future Engineers and Mathematicians of Bevill State Community College (FEMB)

FEMB is open to any student majoring in Computer Science, Engineering, or Mathematics. The purpose of FEMB is to inform students and the public of the aspects of engineering and mathematics. FEMB will also assist students in the transfer process to four-year Colleges of Engineering.

Intercollegiate Athletics

Bevill State, as a member of the Alabama and National Junior College Athletic Associations, participates in volleyball, basketball, softball, and baseball.

Intramural Activities

A variety of intramural sports and activities are offered throughout the year for both men and women. Typical activities include, flag football, basketball, softball, ping-pong, volleyball, pool, bowling, and chess.

National Society of Leadership and Success

The Society is the nation's largest leadership honor society. Students are selected for membership based on either academic standing or leadership potential. Candidacy is a nationally recognized achievement of honorable distinction. In addition to honorable distinction, the Society provides a step-by-step program for members to build their leadership skills.

National Technical Honor Society

The National Technical Honor Society is an organization to honor student achievement and leadership, promote educational excellence and enhance career opportunities. The vision of this organization is to be the leader in providing recognition for excellence in career and technical education and creating significant occupational opportunities for America's top workforce education students.

Nursing Honor Society - Alpha Delta Nu (ADN)

The purpose of the Nursing Honor Society-Alpha Delta Nu is to recognize the academic excellence of students in the study of Associate Degree Nursing. The society encourages the pursuit of advance degrees in the profession of nursing as well as continuing education as a lifelong professional responsibility. The society also participates in the recruitment of qualified individuals into the nursing profession.

Phi Beta Lambda (PBL)

Phi Beta Lambda is the national postsecondary organization for all students enrolled in business, office, or vocational teacher education programs and who accept the purpose of PBL and subscribe to its creed. The purpose of the organization is to provide opportunities for postsecondary students to develop vocational competencies for business and office occupations and business teacher education. PBL is an important part of the instructional program and promotes a sense of civic and personal responsibility. Through PBL, members learn how to lead and participate in group discussions, preside at meetings and conferences, work effectively with committees, and engage in practical problem solving and decision-making.

Phi Theta Kappa

Phi Theta Kappa is the premier national honor society in American junior and community colleges. Students who are inducted into the organization each year are honored for academic excellence, model citizenship, and community service.

Red Cross Club

Guided by the fundamental principles of the American Red Cross and its mission to prevent and alleviate human suffering in the face of emergencies by mobilizing the power of volunteers and the generosity of donors, the Bevill State Red Cross Club will learn, practice and exemplify humanitarian values through mission-related service projects. The club will plan and coordinate a minimum of three Red Cross mission-related service projects per year. The service projects will focus on preparedness, blood, and fundraising.

Scholars Bowl

The Scholars Bowl Team participates in academic competitions with other colleges throughout the state. Members are selected through tryouts, intramural competition, and scholarship applications.

Sigma Kappa Delta

Sigma Kappa Delta is the national English honor society for students in two-year colleges. Its purposes are to recognize and reward outstanding achievement in English language and literature, provide cultural stimulation, and promote interest in English.

Skills USA

Skills USA is a national youth organization for Career Technology Students. Skills USA is the only organization operating through public schools to build status for industrial and technical occupations. Skills USA offers prestige and recognition through awards and contests. Included in the organization are co-curricular activities that provide activities which make education and training more meaningful. The local and state clubs meet periodically to provide opportunities for the members to participate in educational, social, recreational, and vocational activities. Participating members develop leadership abilities, self-confidence, and poise. These activities also aid in stimulating positive attitudes, building character, and developing citizenship based on service to school, home, and community.

Student Government Association (SGA)

The SGA on each campus of Bevill State Community College is the official representative organization of the student body. The organization coordinates social, cultural, and spiritual aspects of campus life. The SGA also provides the privilege of expressing opinions and taking action on matters concerning the general welfare of the student body. The duties of the SGA officers are to discuss important matters pertaining to the students, appoint committees for projects concerning the student body, and provide representation for all necessary campus and off-campus functions. The SGA constitution is on file in the Office of Student Services on each campus.

Student Nurses Association

The Bevill State Student Nurses Association is an affiliate of the Alabama Association of Nursing Students (AANS) and the National Student Nurses Association (NSNA). The purpose of the association is to assume responsibility for contributing to nursing education in order to provide for the highest quality health care, to provide programs representative of fundamental and current professional interests and concerns, and to aid in the development of the whole person and his/her responsibility for the health care of people in all walks of life.

General Services

Academic Support Services

Academic advising, tutoring, study skills management, career exploration, and other academic support services may be accessed through the Office of Student Services.

During the fall and spring terms, when classes are in session, the Office of Student Services' standard hours of operation are Monday-Thursday 7:30 a.m.-6:00 p.m. and Friday 7:30 a.m.-11:30 a.m.

During the summer term, standard hours of operation are Monday-Thursday 7:00 a.m.-6:00 p.m. and closed Friday through Sunday.

When classes are not in session, and the College is not closed for school holidays, the operating hours are Monday-Thursday 7:30 a.m.-5:30 p.m. and Friday 7:30 a.m.-11:30 a.m. Special hours during semester registration and add/drop periods are posted as necessary.

Bear Mail

Bevill State students have email accounts through the College that may be used to communicate BSCC events, deadlines, and emergency information. For information concerning access to student email accounts, contact the Office of Student Services.

Books, Supplies, and Tools

Students furnish their own books, supplies, and tools. For the convenience of the student, books, supplies, and tools may be purchased through the online bookstore. Each career technical education program will supply a tool list to help the student in the purchase of the necessary tools. Selected texts and/or workbooks are identified for each course of study.

NOTE: The Exchange/Refund Policy may be obtained from bookstore personnel.

PTK Connect

PTK Connect is a FREE online tool developed by Phi Theta Kappa, an honor society serving community colleges. PTK Connect serves as a "one stop shop" designed for transfer-bound students to assist in gathering knowledge about four-year institutions transfer options and transfer scholarship opportunities. Students may also explore career pathways, including salary averages and employment stats by state and investigate which academic majors align with career interest. For more information, visit https://www.ptk.org/ptkconnect or contact the Office of Student Services.

Counseling

Community referral services are available through the Office of Student Services. A student in need of immediate counseling should call the Northwest Mental Health Center at 1-800-489-3971.

Freedom of Expression Policy

Bevill State believes that an important aspect of educating our students is the opportunity to listen to speakers who represent a wide variety of opinions and beliefs regarding important public issues. The following policies govern the campus appearance of speakers. These policies are designed to support the educational function of Bevill State, guarantee protection of First Amendment rights to freedom of speech, and ensure that students and student-sponsored organizations and speakers are given priority in scheduling and use of any Bevill State campus. A speaker's appearance on campus does not imply an endorsement of his/her views by Bevill State, which includes its students, faculty, and/or staff.

Definitions of Policy Terms:

- College Department: An official unit of Bevill State Community College.
- Student Organization: A group officially recognized by and registered with the Office of Student Services in accordance with College policies and procedures.
- Sponsored Speakers: Those persons or organizations invited to speak on any Bevill State campus by a College department or student organization in accordance with the guidelines set forth below.
- Non-College Affiliated Speaker: Speakers who are members of the general public and those who are not acting on behalf of a College department or officially recognized and registered student organization.

Speech Policy Sponsored Speakers
Any recognized student organization or College department may invite speakers to campus. A student organization or College department planning to invite a guest to speak at a regularly scheduled meeting must register the speaker with the campus Director of Student Services as well as complete Request to Conduct Extracurricular and/or Fundraising Activities form. The campus Director of Student Services must also receive a Free Speech Request form no later than forty-eight (48) hours prior to the date and time of the reservation.

Non-College Affiliated Speakers
It is the policy of Bevill State to permit the limited use of facilities by the general community in a manner which does not compete with the ongoing programs of Bevill State. Speakers who are not sponsored by a student organization or College department may request permission to engage in speech activities on campus. The required Free Speech Request form is available in the office of the campus Director of Student Services and must be submitted no later than forty-eight (48) hours prior to the date and time of the reservation. Intervening Saturdays, Sundays, and legal holidays are not included in the calculation of the 48-hour period. This notice requirement is imposed in order to provide Bevill State's staff sufficient time to process the request. Requests will be approved unless it is determined the speaker or speech will constitute or create a substantial likelihood of material interference with the normal orderly decisions and processes of Bevill State or with the requirements of appropriate discipline. In the event such a determination is made and a request is denied, the applicant may request a hearing as described below.

Bevill State shall assign all non-College-affiliated speakers to the Free Speech Area (FSA), designated on each campus and site during the scheduled operating hours of the campus. The speech within the FSA must be conducted in such a manner that does not disrupt the educational environment or the safety of those on campus. Aggressive confrontation or impediment of vehicular or pedestrian traffic is prohibited. The use of sound amplification equipment is prohibited during regular school hours. Subject to the days and times of operation, Bevill State shall assign speakers for the date and time requested, unless another event has already been made for the FSA at that date and time. In the event the space is already reserved, Bevill State will assign the speaker to the FSA for an alternative date and/or time as indicated by the applicant. If a conflict still remains, the applicant will be asked to provide additional alternative dates and times. In addition, no group or individual may reserve the space for more than three (3) consecutive days at a time. If, at the end of a three-day event, the space has not been reserved by another group or individual, the same group or individual will be eligible to reserve the space again. Under no conditions will a non-campus, non-sponsored speaker be permitted to sell items or solicit funds on campus. Members of the same group or organization dealing with the same general topic will be considered one speaker for purposes of this policy.

General Policies Related to Free Speech
A hearing may be called if it is determined that a speaker or speech will constitute or create a substantial likelihood of material interference with the normal orderly decisions and processes of Bevill State or with the requirements of appropriate discipline. A hearing committee, appointed by the Director of Student Services, composed of two faculty members, two students, and the campus Director of Student Services will convene to review the speaker's application. If a request is denied, the organization or the speaker may appeal to the Director of Student Services, whose decision will be final. A hearing will be called if a speaker or speech advocates a call to action for any of the following:

- The overthrow of any government
- The willful damage or destruction of property
- The disruption of Bevill State's regularly scheduled functions
- The physical; harm, coercion, or intimidation of Bevill State's faculty, staff or students;
- Other campus disorder of a violent nature.

A speaker will be stopped and escorted off campus by Bevill State's security personnel if evidence of a call to action to accomplish any of the above becomes manifest during a speech.

Distribution of Materials
Handbills, leaflets and similar materials available free of charge may be distributed by campus or sponsored speakers, so long as such distribution does not interfere with the orderly operation of Bevill State's affairs or the free flow of traffic and content is not inconsistent with policies associated with any accrediting or governing agency associated with Bevill State. Such materials may also be distributed in the FSA by noncampus, non-College-affiliated speakers who have reserved the FSA under the terms of this policy.

Free Speech Area On Each Campus or Site:
The Fayette Campus Free Speech Area is designated by a blue arrow:

The Hamilton Campus Free Speech Area is designated by a blue arrow:

The Jasper Campus Free Speech Area is designated by a blue arrow:

The Pickens County Educational Center Free Speech Area is designated by a white arrow:

The Sumiton Campus Free Speech Area is designated by a blue arrow:

Identification Cards

All Bevill State Community College students are required to obtain an official ID card that displays the student's photograph. ID cards are issued to all students and are valid for two years. The card is required for using the library, receiving financial aid, and utilizing the services and activities at the College. A student may receive discounts from certain local businesses when his/her ID card is presented at the time of purchase. Advertised days will be posted for making IDs. A student who uses the ID card in an illegal manner will be subject to disciplinary action. The following regulations apply to the ID card:

- Students are to carry their cards at all times and present them for identification when requested by College officials. Student ID cards are made for student use only. Students may be required to present their current ID in order to use the services and activities in the Student Center/Bear's Den.
- Loss or theft of cards should be reported to the campus Director of Student Services.

NOTE: Replacement cost is $5.00.

Library Services

Bevill State Community College libraries strive to provide quality resources and services to support the programs of the college and to meet the learning and information needs of students, faculty, staff and community members. Each of the four campuses and the Pickens County Educational Center have a library equipped with the latest technology for research. The library collections include more than 200,000 books, periodicals, non-print media, eBooks, and government document publications.

Bevill State libraries offer a link to the Alabama Virtual Library which may be reached through the Bevill State website at www.bscc.edu library link.

Bevill State library hours are open while classes are in session on the following schedule:

- Monday-Thursday: 7:30 a.m.-6:30 p.m.
- Friday: 7:30 a.m.-11:30 a.m.
- Closed: Nightly, Saturday and Sunday, during semester breaks, holiday breaks. and Friday during the summer semester.

Any change in library hours will be posted on library doors.

Additional information about BSCC libraries is available on the web at www.bscc.edu, in person, or by phone at 1-800-648-3271 and one of the following extensions:

- Fayette Campus -ext. 5141
- Hamilton Campus -ext. 5356
- Jasper Campus -ext. 5748
- Sumiton Campus -ext. 5241
- Pickens County Educational Center -ext. 5646

A BSCC ID card is necessary to borrow library materials. BSCC ID cards may be obtained from the Office of Student Services. The library staff will assign a barcode to the BSCC ID card which will be used as a library card. Instructors may reserve books and/or articles for students to use at the libraries.

Lost and Found

Inquiries about lost articles should be made in the Office of Student Services. Because the College is not responsible for students' personal property, books and supplies should be locked in a safe place when not in use. An identifying name or mark should be placed on all books and other personal property.

Parking and Traffic Regulations

All faculty, staff, or students (full or part time) having a motor vehicle or the use of one on campus must register it with the Campus Business Office. Students attending continuing education classes must see the instructor to obtain a special parking pass. Vehicles can be registered by submitting a Vehicle Registration Card to the campus business office. The Vehicle Registration Card may be obtained in the Campus Business Office. The Campus Business Office will issue two types of parking hangtags: (1) Faculty/Staff and (2) Student. The fee for a student hangtag is $10.00 and is payable at the time the student registers. Hangtags are to be hung from the inside rearview mirror. It is the student's responsibility to keep the hangtag available for use in the vehicle he/she parks on campus. The hangtag is designed to be moved from vehicle to vehicle. If a student loses his/her hangtag or if it is stolen, a replacement hangtag must be purchased. The replacement fee for students and faculty/staff is $10.00. Parking permits will be valid for the academic year beginning with the fall semester. An academic year consists of fall, spring, and summer semesters. Parking permit fees will not be prorated during the academic year. A student to whom the hangtag has been issued will be held responsible for any violation in which the vehicle is involved. In the event of mechanical failure of a vehicle, the owner/driver will be responsible for its removal as soon as available services will permit. The Director of Student Services should be advised of its location. In an effort to maintain a safe and orderly campus, the College requires all drivers to park only in designated parking areas. Drivers not adhering to parking regulations will be ticketed. Citations will be issued for the following offenses:

- No hangtag;
- Parking in spaces reserved for the disabled;
- Parking in staff parking space;
- Parking in loading zone;
- Parking in fire lane;
- Blocking fire hydrant;
- Parking in a no-parking area (sidewalks, streets, campus lawn);
- Parking over the line (taking more than one parking space);
- Blocking through traffic;
- Speeding;
- Driving the wrong way on a one-way street;
- Reckless endangerment.

Parking citations carry a $15.00 fine per violation payable at the Business Office. Fines not paid within seven (7) calendar days will double. There is a $50.00 fine for parking in disabled parking places without a permit. Repeated violation of these regulations may result in the vehicle being immobilized with an auto boot. In case of vehicle immobilization, do not attempt to move the vehicle and immediately contact the Director of Student Services office. Additionally, violations such as parking in disabled parking space, parking in a loading zone, parking in fire lane, blocking a fire hydrant, and parking in a no-parking area may result in the vehicle being towed at the owner's expense. If a student finds that his/her vehicle has been towed he/she should immediately contact the Director of Student Services office for further information. The Director of Student Services reserves the right to cancel the registration of any vehicle on campus. Citations not cleared at the Campus Business Office will be posted to the student's account, which must be cleared before he/she will be allowed to register for future classes.

Bevill State Community College assumes no responsibility for damage to any vehicle brought to campus or any vehicle towed due to violations of policy.

NOTE: In addition to Bevill State parking and traffic regulations and policies, the 1975 Code of Alabama including provisions of Title 32 will be enforced.

Smoking/Tobacco Policy

The use of tobacco products (smoking, chewing, dipping, and vapor-producing electronic devices) is strictly prohibited in any College-owned or College-controlled facility or vehicle, including residence halls/dorms and on college sponsored trips. Smoking poses a significant health risk to both smokers and non-smokers. In addition, smoking can damage sensitive technical equipment and can be a safety hazard. Second-hand smoke can be annoying and is hazardous to non-smokers. The Office of Student Services should be contacted for information regarding the designated smoking areas located on the campus. Anyone interested in a program to stop the use of tobacco or tobacco products may contact the Director of Student Services on any campus.

Student Centers/Bear's Den

Student centers are provided at all locations for the convenience of students. The centers are designed for student use; therefore, ID cards will be checked.

Student Support Services

(Fayette, Hamilton, Jasper and Sumiton Campuses) The federally funded Student Support Services program provides support and assistance in addressing academic deficiencies for students who meet eligibility criteria. The program provides support services including financial aid counseling, mentoring, tutoring, academic advising, and computerized instruction. To receive these services, students must meet eligibility criteria.

For more information on Student Support Services, contact the Fayette Campus (ext. 5182), the Hamilton Campus (ext. 5357), the Jasper Campus (ext. 5357), or the Sumiton Campus (ext. 5446).

Official Recognition of Campus Organizations

Formation Of New Organizations, Chartering Procedures, And Continued Recognition

Any group wishing to form a student organization recognized by the College must submit a written request to the Dean of Students. The Dean of Students will present this request to the President's Cabinet for approval and then notify the group of the decision. At the appropriate time, a constitution containing the following information must be presented to the Dean of Students for approval:

- The name of the organization;
- The statement of purpose of the organization;
- Membership eligibility requirements;
- A list of participating students;
- A listing of officers by title and duties and any special function of the offices;
- A statement of the length of semesters of the officers and the time and method of election;
- A statement of when, where, and how often meetings will be held;
- A statement of membership dues, including amount and frequency of payment, and provision for disposition of any funds in the event of dissolution of the organization;
- A provision for club advisors and name of club advisor. Advisor must have been employed at least one year at Bevill State and complete approval procedures; and
- A statement of any national, state, or regional affiliation with a copy of this affiliation's constitution attached.

Temporary Recognition
Temporary recognition may be given to organizations upon submission of a constitution containing the above listed requirements, permitting the organizations to function for not more than one semester pending official charter approval.

Review & Approval
Three typed copies of the proposed constitution must be submitted to the Dean of Students for suggestions, recommendations, and approval. In the event that recognition is withheld, appeal may be made to the President of the College. During the time that its application for recognition is being considered, or an appeal is being made, a group may not sponsor speakers or activities in the name of the proposed organization. The Dean of Students must also approve any change or amendment affecting the nature or purpose of the organization as originally approved, and an up-to-date copy of the constitution must be on file in the Dean of Student's office.

Club Sponsors/advisors: Eligibility And Role

All student organizations must have a qualified club sponsor/advisor approved by the appropriate Director of Student Services, who will work in concert with the Dean of Students in making selections. Rotation of advisors takes place at the end of each summer semester when possible. Persons with special talents needed for a particular club are given preference. In making the selections, every attempt is made to give all potential sponsors/advisors the opportunity to work with an organization. Preference is given to those who have not served in this capacity in the past. A faculty member who agrees to serve as a club sponsor/advisor accepts responsibility for encouraging the organization in its purpose and activities within the limits of College policy and the goals and objectives of the organization as set forth in the statement of purpose and constitution. Sponsors/advisors are responsible for being familiar with and operating within the following: this policy and other College regulations pertaining to student organizations, activities, and speakers; the constitution and purposes of the student organization they are sponsoring/advising; the activities and the projects of their organizations. No meeting is authorized or recognized unless attended by the sponsor/advisor or a substitute duly approved by the Director of Student Services. The proceedings of meetings held with a substitute must be reviewed by the sponsor/advisor. Speakers, special programs and activities, and program topics sponsored by the student organizations must have the formal approval of the club sponsor/advisor, the Director of Student Services, and the Dean of Students.

Meetings Of Clubs And Organizations

Recognized student organizations are required to hold their meetings on campus, and the College facilities will be made available to them. Special permission must be obtained from the Dean of Students or his/her designee for off-campus meetings.

Policies For Clubs And Organizations

Campus organizations shall be open to all eligible students without respect to race, creed, national origin, sex, or disability. All clubs and organizations must conform to the laws and policies of the State of Alabama, the Alabama Community College System Board of Trustees, Bevill State and the Student Government Association. No club or organization shall interfere with or support interference with the regular academic pursuit of any student. No club or organization shall cause or encourage nonattendance of classes or campus activities without prior consent of proper College officials. Clubs or organizations shall not encourage any action that might cause disrepute to a student, employee, or College activity.

Tenure Of Student Organizations

Any organization determined not to fulfill its approved purpose and goals is subject to probation, reorganization, or dissolution. The Dean of Students may request minutes of meetings, financial statements, and/or any other information he or she may deem appropriate in determining the tenure of a student organization. The SGA may be invited to recommend to the Dean of Students whether a particular student organization should be continued in good standing, continued with probationary status for a specified period of time, reorganized, or disbanded.

Procedure For Approval Of Extracurricular And/or Fundraising Activities

All extracurricular and/or fundraising activities for student organizations and clubs must be supervised by the faculty/staff sponsor(s). The following procedures are required in order to receive approval of activities other than on-campus, regularly scheduled meetings and fundraising activities:

- At least two weeks prior to the activity submit a Request to Conduct an Extracurricular and/or Fundraising Activity Form to the Director of Student Services.

- The Director of Student Services will forward the request to the Dean of Students for review.
- For fundraising activities, the President must approve.
- After the review of the request by the Dean of Students, the Director of Student Services will make notification of the approval or disapproval with the reasons stated to the requester no later than five (5) days after receipt of the request.

The decision of the Dean of Students is final.

Student Records

Student Records Confidentiality/Directory Information Policy

STUDENT RECORDS CONFIDENTIALITY/DIRECTORY INFORMATION POLICY (as provided by Public Law 93-380: Protection of Rights and Privacy of Parents and Students)

To comply with the Family Education Rights and Privacy Act (FERPA), known as the Buckley Amendment, the following policies and procedures have been established. This policy also serves as the annual notification of students' rights under FERPA, which is published annually in the College Catalog. It is the responsibility of the Office of Student Services to protect the privacy of student educational records. FERPA affords students the right to file a written complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. Written complaints should be sent to the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC 20202-4605.

Student Records General Policy

No information from records, files, or other data directly related to the student, other than the directory information defined below, shall be disclosed without the written consent of the student. Consent shall include the specification of records to be released, the reasons for such release, and to whom records are to be released. Exceptions to this policy apply when satisfying compliance with a judicial order or pursuant to any lawfully issued subpoena, upon the condition that the student is notified of all such orders or subpoenas. The student will have ten days to respond to the College concerning the notification of subpoena in advance of the compliance by Bevill State Community College. Additionally, records may not be withheld from appropriately authorized representatives, including educational and governmental officials, as provided by law. Students shall have access to all such information, with the exceptions as noted below, in accordance with the procedure outlined within this policy.

Definition Of Student

For the purposes of this policy, a “student” is defined as “any individual currently or previously enrolled in any course offered by Bevill State Community College.” This definition does not include prospective students or applicants that never enroll in a course.

Definition Of Educational Record

Student educational records are defined as those records, files, documents, and other materials which contain information directly related to a student and which are maintained by Bevill State Community College or a party acting for Bevill State. Records of instructional, supervisory, and administrative personnel which are in the sole possession of the maker and accessible only to the maker or a substitute are specifically excluded from this definition of educational record. Records which are made or maintained by institutional counselors or other professionals or paraprofessionals and which are maintained in connection with personal counseling or treatment and are not available to anyone who could not be involved within the College are also excluded from a student’s educational record. Such records are, however, available to a physician or appropriate professional of the student’s choice, if requested. Records created and maintained by the college law enforcement unit (Director of Student Services and/or Campus Police) solely for the purpose of law enforcement are also excluded from a student’s educational record and are therefore exempt from the privacy restrictions of FERPA.

Release Of Directory/Public Information

The College will disclose the following “Directory Information” without prior consent of the student. It is considered part of the student’s public record.

- Name, address (local and permanent), and telephone number;
- Place and date of birth;
- Major field of study/program;
- Participation in officially recognized activities;
- Enrollment status (full time or part time);
- Dates of enrollment;
- Certificates and degrees received;
- The most recent, previous educational agency or institution attended by the student;
- Awards and/or scholarships;
- Student photograph;
- E-mail address.

Students must submit a written objection to the release of any specific item or category of directory/public information to the Dean of Students or designee. This information will generally be released only to employers, prospective employers, representatives of the news media, and State or Federal education officials; however, Bevill State Community College reserves the right to disclose the information to other parties when its officials determine such disclosure is in order. Necessary information “in connection with a student’s application for, or receipt of, financial aid” may be legally released without obtaining prior permission from the student.

Location Of And Individuals Responsible For Student Records

Student records are maintained in the Office of Student Services on each campus. The College has designated the following officials as responsible for student records.

Dean of Students

The Dean of Students has the overall responsibility of providing an adequate student record system. This activity includes the maintenance and continuous updating of student records as controlled by provisions in this policy and governed by Public Law 93-380. The Dean of Students will be assisted in this responsibility by:

Directors of Student Services

The Directors of Student Services are charged with the responsibility of developing an individual student record upon a student’s acceptance to the institution. In addition, the Directors of Student Services are responsible for continuously maintaining all students’ files on campus in a safe and orderly manner and updating all records needed on the individual student, including compliance with provisions of this policy regarding the release of information to students, faculty advisors, counselors, institutional administrators, and local, state, and national organizations and agencies.

Director of Financial Aid

The Director of Financial Aid has the responsibility of maintaining an adequate and up-to-date student record file on all students receiving any institutional, local, state, or federal financial assistance. The Director of Financial Aid will see that all provisions of the individual student records policy are properly carried out.

Dean of Finance

The Dean of Finance will have the responsibility of compliance with all provisions as set forth in this policy as they apply to the release of financial information concerning individual students.

Disclosure Of Student Records To The Student

The student is accorded the right to inspect, in the presence of a Bevill State Community College staff member, records, files, and data primarily or directly related to his/her file. To inspect a file, a student must make a written request to the Dean of Students or designee. If a student desires to obtain copies of items in the educational record rather than personally reviewing the record, the written request to the Dean of Students must be signed and notarized to prevent disclosure to persons other than the student. A time for inspection shall be granted within 45 days of the date of request, and copies will be mailed within the same time period. Copies shall be made and provided to the student at a cost equal to the actual cost of reproduction, payable in advance. The right of inspection does not include financial statements of parents nor confidential recommendations placed in the file prior to January 1, 1975, (provided that such recommendations were solicited) with a written assurance of confidentiality or sent or retained with a documented understanding of confidentiality and used only for the purpose solicited and other confidential recommendations, access to which has been waived by the student in accordance with the “Waiver of Access” provision of this policy.

Challenging The Contents Of The Record

Bevill State Community College will respond to any reasonable request for an explanation or interpretation of any item in a student's file. Requests for such explanation or interpretation should be addressed by presenting a written request to the Dean of Students If, after inspecting a record, a student believes that information contained in the educational record is inaccurate or misleading or violates his/her privacy, the student may present a written request that the record be amended to the Dean of Students. A request for record amendment shall be answered by the Dean of Students within fifteen days of its receipt with information that the record has been amended as requested, or that the record has not been amended, and that the student has the right to a hearing on the matter. A written request for a hearing should be addressed to the Dean of Students, who will set the date and time for the hearing with reasonable notice of same to the student within 45 days of receiving the request. The request for a hearing should identify the item or items in the file to be challenged and state the grounds for the challenge, e.g., inaccuracy, misleading nature, or inappropriateness. The Dean of Students shall examine the contested item with the Director of Student Services, hear the person responsible for placing the item in the file, if appropriate, and examine any documents or hear any testimony the student wishes to present. The Dean of Students may decide that the item should be retained or that it should be deleted/altered. There may be a decision that the material is accurate and appropriate but that the student should be allowed to place a written explanation in the file. If the decision is adverse to the student, the notice of decision shall include a statement that he/she has the right to place a statement in the record, commenting on the information and/or setting forth reasons for disagreeing with the decision. The Dean of Students shall issue a final written decision within ten working days of the conclusion of the hearing.

Waiver Of Access

Bevill State Community College may request that a student waive his/her right to inspect confidential recommendations regarding that student's **Application for Admission**, application for employment, or the receipt of an honor or other recognition.

If a student receives a request for waiver, the student has three options:

- He or she may sign and return the waiver.
- He or she may request a list of the names of persons who will be asked for recommendations before signing.
- He or she may refuse to waive the right of access. Such a waiver shall not be a condition for admission to the institution, financial assistance or any other benefits or services received by Bevill State Community College students.

Providing Records To Third Parties

The general policy of Bevill State Community College is to refuse access to or disclosure of information from student records to third parties without the written consent of the student. Should a student wish to have such records released, a signed and dated written request must be directed to the Dean of Students or designee, specifying the records to be released, the reason for release, the party or class of parties to whom records are to be released, and a request for copies to the student, if desired. Bevill State may then transfer or grant access to the information. The transferred information shall contain a statement that the information may be used by the receiving party or, if an organization, by its officers, agents, and employees for the purpose requested, but that the party shall not transfer the information to any other party except with the written consent of the student. A charge not to exceed the actual cost of reproduction will be assessed against the student when copies are made.

Student records will be made available to the following under the conditions noted, without the written consent of the student:

- College officials, including administrators, division chairpersons, instructional staff, counselors, staff, and other members serving on various committees who have legitimate educational interests. Legitimate educational interest exists if the information requested is necessary to (a) perform appropriate tasks that are specified in job description or contract agreement; (b) perform a task related to a student's education; (c) perform a task related to the discipline of a student; or (d) provide a service or benefit relating to the student or student's family.
- Officials of other schools, colleges, or school systems in which the student seeks enrollment.
- To state and local officials to whom information is specifically required to be reported or disclosed pursuant to state statute adopted prior to November 19, 1974.
- To parents of eligible students who claim the students as dependents for income tax purposes. Determining dependency, as defined by Section 152 of the Internal Revenue Code, requires a copy of the parents' most recent Federal Income Tax Form. In case of a divorce, separation, or custody when only one parent declares the student as dependent, the College will grant equal access to the student's educational records upon demonstration of dependency as described above.
- Certain representatives of federal departments or agencies or state educational authorities, as provided by law, for the purpose of compliance with audit evaluation requirements of federally-supported educational programs or enforcement of Federal legal requirements of such programs.
- Persons or organizations providing financial assistance to students or to determine eligibility for financial assistance. ("financial assistance" does not include payments made by parents).
- Recognized educational accrediting organizations.
- Organizations conducting studies for administrative evaluation tests, etc., provided that studies are not conducted in a manner which will permit personal identification of students or their parents by other than representatives of the organization and that the information will be destroyed when no longer needed for the purposes collected.
- In response to judicial order, or pursuant to any lawfully issued subpoena.
- An institution is not required to obtain a subpoena to produce educational records of a student if the records produced are needed by the institution to proceed with legal action as plaintiff or to defend itself.
- Other appropriate persons, in an emergency to protect the health or safety of the student or other individuals attending the institution.
- As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records – including your Social Security Number, grades, or other private information – may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities (Federal and State authorities) may allow access to your records and PII without your 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 your education records and PII without your 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 that they authorize to receive your PII, 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 your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Bevill State will maintain a record indicating the name and legitimate interest of all disclosures except those made at the student's request, those made pursuant to written consent, those designated as directory/public information, and those made pursuant to the exceptions noted above. This record of disclosure will become a part of the educational record, subject to inspection and review. As a multi-campus institution there are situations which warrant a transfer of a student's permanent record to another campus. When deemed necessary the courier service personnel are requested by the transferring campus to hand deliver the records to the receiving campus Office of Student Services. The receiving campus then acknowledges the receipt by contacting the transferring campus Office of Student Services. The College ensures the security, confidentiality, and integrity of our student records.

Changes In The Policy

This policy statement is subject to change by any additional federal regulations or court decisions that may modify and/or negate any portion of the regulations of Public Law 93-380.

Campus Safety/Security

Policies And Procedures

Bevill State Community College is committed to providing a safe and secure campus environment for students, employees, and visitors and to complying with the Student Right-to-Know and Clery Act of 1998. On all campuses, the responsible person is the Director of Student Services. The Director of Student Services is responsible for performing periodic security checks of all College facilities. College personnel should report incidents to the Director of Student Services who will notify the Director of Facilities and Security.

It is the policy of Bevill State Community College that any criminal act, act or threat of violence, injury, destruction of College or personal property, traffic accident, or other situation which occurs on College property or any other site operated by the College and which may constitute an emergency, a danger to the health, safety, or property of any person, or a threat to the public order, must be reported immediately. Law enforcement is the responsibility of the total College community. It shall be the duty of any College employee, upon awareness of any situation of a nature described above, immediately to take all reasonable actions to prevent or minimize harm or threat of harm to the employees, students, and visitors of the College. It shall be the duty of College officials to notify the Bevill State Police Department in the event of an act of criminal nature, or of any other nature (for example, a traffic accident), which would ordinarily involve law enforcement officials. Additionally, it shall be the duty of College officials to contact the appropriate fire department, emergency medical agency, or other authority or agency, which should be notified of the respective incident. The ultimate responsibility for personal security rests with each individual. Each person should be aware of his/her surroundings and potential risks to personal safety.

Students are encouraged to exercise caution and take reasonable actions for self-protection; walk with friends in lighted areas at night; know building evacuation procedures; know how to contact proper authorities; and drive defensively. Suspicion of a crime does not require proof. If anyone suspects that a crime is being committed or has been committed, it should be reported to 9-1-1 when appropriate.

NOTE: In addition to the Bevill State Campus Safety/Security Policies and Procedures, the 1975 Code of Alabama will be enforced.

Witnesses to any crime on campus should make themselves available for written statements and otherwise assist College officials and law enforcement officers in the investigation of the situation. It is an offense, subject to appropriate disciplinary action, for any Bevill State Community College employee or student to file a false report or knowingly make a false statement about or interfere with the investigation of any situation of the nature described in this section. When reporting criminal or suspicious activity, the witness should be prepared to provide the following information: name; the location of the incident being reported; the type of suspicious activity; a description of the scene and suspects (number of persons, age, physical descriptions); and a description of any vehicles involved in the incident, especially a license plate number.

The following examples and suggestions are provided to assist persons in making a safety/security report:

1. ASSAULT -If someone is assaulted, he or she should try to remember as much about the attacker as possible. Important characteristics to include in the report are the following: sex, hair color and length, body size, clothing, scars or other noticeable markings, other physical characteristics, mode of travel, type and color of vehicle, and license number. The reporting of an assault offense does not preclude or take the place of reporting the incident to law enforcement officials or agencies, and does not preclude or take the place of obtaining physical and mental health services.

2. BOMB THREAT -If any person receives a bomb threat, he or she should try to obtain as much information from the caller as possible. Information to obtain includes: the telephone number of the incoming call on the telephone display, location of bomb (building), time of explosion, and type of bomb. The person receiving the call should observe the caller's voice and any background noises he or she may hear. Such information may assist in identifying the caller.

Emergency Notification And Class Dismissal

Bevill State has an emergency communications system called the **Bear Alert**. The system allows students, faculty and staff to receive time-sensitive emergency messages in the form of e-mail, voice and text messages. Bear Alert is a mass notification system that supplements existing means of emergency communication, including outdoor warning sirens and severe weather alert radios.

In the event of an emergency, **Bear Alert** will send messages to all Bevill State e-mail addresses. In addition, all Bevill State faculty and staff who have a valid ID are automatically signed up to receive text and voice message emergency alerts. These records are updated each semester. Students will receive initial information through their BearMail student accounts, but can later configure their settings to receive notifications through several methods including voicemail, e-mail, and text messages. You may login to the Bear Alert Systems at www.myschoolcast.com/go/BSCC/ at any time and edit your account so that you receive emergency notifications. The information supplied is considered confidential and will not be shared or used for other purposes. Participants will only be contacted through the system in the event of an emergency.

Bevill State strongly recommends that you provide at least one phone number (cell phone is recommended) for **Bear Alert** to ensure that you receive important messages in a timely manner. Any contact information you provide will only be used for emergency notifications. Additional information about the Bear Alert system is available at **http://www.bscc.edu/students/current-students/bear-alert.**

In the event that Bevill State must close at any time other than on those dates that are designated in the College calendar, the administration will notify students and the general public by means of radio, television, e-mail accounts (when available) and Bear Alert provided to all currently enrolled students. If the emergency closure is due to inclement weather each student is expected to decide whether it is safe to travel to the College. Official closings will be announced via the College's Social Media outlets and website as well as on local TV stations including:

WBMA	Channel 33/40	Birmingham
WBRC	Channel 6	Birmingham
WVTM	Channel 13	Birmingham
WACN	Channel 16	Jasper
WTVA	Channel 9	Tupelo
WCBI	Channel 4	Columbus

Campus Police Phone Numbers

Dispatcher 205-387-0549 or 205-387-0511, ext. 5866;

Fayette Campus Police 205-438-1733;

Hamilton Campus Police 205-442-1567;

Jasper Campus Police 205-438-1734;

Sumiton Campus Police 205-282-1346;

Pickens County Educational Center Police 205-259-0673

Fayette Campus

The contact is the Student Services Office at 205-932-3221, ext. 5103. In absence or unavailability of the Director of Student Services, the situation should be reported to the College operator by calling 205-932-3221, ext. 0. After office hours, call 9-1-1.

Hamilton Campus

The contact is the Student Services Office at 205-921-3177, ext. 5385. In absence or unavailability of the Director of Student Services, the situation should be reported to the College operator at 205-921-3177, ext. 0. After office hours, call 9-1-1.

Jasper Campus

The contact is the Student Services Office at 205-387-0511, ext. 5770. In absence or unavailability of the Director of Student Services, the situation should be reported to the College operator at 205-387-0511, ext. 0. After office hours, call 9-1-1.

Sumiton Campus

The contact is the Student Services Office at 205-648-3271, ext. 5201. In absence or unavailability of the Director of Student Services, the situation should be reported to the College operator by calling 205-648-3271, ext. 0. After office hours, call 9-1-1.

Instructional Sites

The center directors carefully secure instructional sites, and local law enforcement patrols the center parking areas.

Pickens County Educational Center

The contact person is the Center Director at 800-648-3271 ext. 5632.

Health Care Procedures

Bevill State Community College has developed emergency health care provisions for any individual on campus who is injured, assaulted, or becomes suddenly ill.

Procedures For Medical Emergencies

If serious injury occurs on campus, call 9-1-1. In case of serious injury or illness, qualified personnel should quickly perform the following steps:

- The victim should be kept still and comfortable. THE VICTIM SHOULD NOT BE MOVED!
- The victim should be asked, "Are you okay?" and "What is wrong?"
- Breathing should be checked. If breathing stops, a qualified person should be found to assist respiration.

- The pulse should be checked. If there is no pulse, a qualified person should administer chest compressions.
- Serious bleeding should be controlled by direct pressure on the wound, avoiding direct contact with blood. Everyone should keep in mind standard precautions against blood-borne pathogens.
- Assistance should be continued for the victim until help arrives.
- The assisting personnel should look for emergency medical I.D., question witness(es) and give all relevant information to emergency medical personnel.

An accident report for all injuries must be completed and submitted to the Director of Student Services.

Health Sciences faculty are certified in cardiopulmonary resuscitation and trained to respond to medical emergencies. Bevill State Community College offers training in first aid and CPR.

NOTE: Any expense for hospitalization, transportation, or emergency treatment is the responsibility of the student.

Emergency Telephone Number

Call 9-1-1 for all emergencies.

Children On Campus Policy

Bevill State Community College does not provide childcare services. Students, faculty and staff are expected to arrange for their personal childcare in a manner that does not involve college facilities or resources. Students who fail to comply with this policy will not be admitted to classes and may be asked to leave campus until off-campus childcare arrangements can be made. Bevill State Community College will not be liable for any injury, property loss, or damage, suffered by any party as a result of a violation of this policy.

Minor children who are students of Bevill State Community College, or who are participants in any official educational activity or event recognized by the College, must be provided adequate and appropriate adult supervision. These individuals should always be under the control and supervision of an adult to ensure safety.

Student Conduct Code

Student Conduct Code

The publication of the Student Conduct Code documents the standard of conduct by which students and organizations are expected to abide. Students and organizations shall be aware of the College Conduct Code and knowledgeable of the fact that they will be held accountable for compliance with its provisions. By enrollment and affiliation with the College, a student or organization neither relinquishes the right nor escapes responsibilities of local, state, or federal laws and regulations. The College is committed to maintaining an environment that contributes to its educational mission, as well as the safety, health, and well being of all students and other persons on campus. Therefore, students and organizations are obligated to abide by the rules and policies established by the College. It is assumed that students enrolling in the College are mature and have a desire for constructive learning. Common courtesy and cooperation are expected of all students. Interference, injury, or the intentional attempt to injure or interfere with the personal or property rights of any person—whether a student, visitor, faculty or staff member or the College itself is strictly prohibited.

Application

The Student Conduct Code applies to individual students as well as formal and informal groups either involved in College-related activities or functioning as official representative(s) of the institution. Furthermore this Conduct Code is applicable to the behavior of students and organizations participating in College-sponsored events, both on and off the College campus or property. The College expects the conduct of each student and organization to be in conformity with standards of common decency and decorum, with recognition of and respect for personal and property rights of others and with the educational mission of the College. Violations will render a student subject to disciplinary action under procedures that provide for adequate notice and a fair hearing. Penalties for violations may include reprimand, remuneration, probation, loss of privilege, community service, suspension, expulsion, and/or other penalties which may be set forth in College regulations. The student shall be entitled to a hearing according to regular disciplinary procedures.

Procedure For Bringing A Charge Of Nonacademic Misconduct Against A Student

Charges of a disciplinary nature may be filed against a student by another student or member of the administration, faculty, or staff. Charges of any case involving violation of published policies and regulations must be submitted in the form of a verbal or a written complaint to the Director of Student Services. Upon notification of formal charges being proffered against a student, the Director of Student Services will inform the Dean of Students of the nature of the charge(s) and the student(s) involved. If the Director of Student Services deems that the presence of the student(s) poses a continuing danger to persons, property, or the ongoing threat of disruption of the institution or its operations, the Dean of Students will be notified, and the student(s) may be temporarily suspended from the College. In such cases, a Student Disciplinary Hearing will be held within 72 hours, excluding Saturday, Sunday, and official College holidays, of the student's suspension.

In all cases that involve a charge of non-academic misconduct, the Director of Student Services must make a preliminary investigation by consulting the primary parties involved to determine whether the charges may be disposed of informally without the initiation of disciplinary proceedings. The following charges (1-14) may be disposed of by an informal process with resolution between the student or group of students and the Director of Student Services:

1. Dishonesty or knowingly furnishing false information to the members of the College faculty or to other officers or employees of the College in pursuit of their official duties;

2. Lewd, obscene, licentious, indecent exposure, or inappropriate dress;

3. Lewd, obscene, licentious, or indecent conduct or the verbal or written threat of such action against another person;

4. Unauthorized class attendance of guests and family members of a student without permission of Director of Student Services;

5. Smoking, including chewing tobacco, dipping, vapor-producing electronic devices (excluding meter-dose inhalers and nebulizers prescribed by a physician) are prohibited on College-owned or College-controlled property, with the exclusion of designated smoking areas.

6. Filing a false report or knowingly making a false statement interfering with the investigation of any situation described in this Conduct Code and/or the annual campus safety and security report;

7. Trespassing or unauthorized entry;

8. Publishing, aiding in publishing, circulating or aiding in circulating, anonymous publications or petitions;

9. Placement, establishment, or maintenance of any mobile, impermanent, or temporary living quarters on property of the College which shall include, but not be limited to, tents, mobile homes, camping devices, trailers, vans, and motor homes, and/or use of sanitary facilities on a regular, daily basis;

10. College instructors and staff may limit student use of electronic devices such as cell phones, pagers, cameras, laptop computers, iPads, and iPods where such devices might interfere with the normal activity of the College. Students may use electronic devices to record class lectures.

11. Display of pornographic or sexually explicit materials, including but not limited to: clothing, videos, magazines, books, posters, photographs, or computer screens.

12. Any form of gambling;

13. Failure to comply promptly with directions of College officials or law enforcement officers acting in the performance of their duties.

14. Unauthorized possession of College, state, or federal property or supplies.

Any member of the College community may file charges against a resident/visitor of campus residence halls for misconduct related to the following minor residence hall infractions in or on the grounds of residence halls. The following process will be followed to reach disposition of charges filed against a resident/visitor:

a. Charges must be filed with the Director of Student Services;

b. The Director will thoroughly investigate the charges filed;

c. The Director will dispose of any of the following infractions (15-27) through an informal resolution between the Director and the student/visitor.

15. Violation of published policy governing residence hall visitation and occupancy.

16. Splicing into or otherwise tampering with existing electrical wiring or cable television connections or computer cables.

17. Excessive absences from residence hall meetings.

18. Possession of candles, incense, or other flame-emitting articles.

19. Possession of state, federal, local, or miscellaneous signs illegally obtained.

20. Possession of cats, dogs, hamsters, guinea pigs, mice, spiders, lizards, snakes, or other pets, on either a permanent or visitation basis. Animals that have been preserved through taxidermy are also strictly prohibited.

21. Possession of unapproved appliances.

22. Possession of paint-ball guns and equipment, dart boards and darts, or any type of potentially hazardous recreational game or equipment.

23. Solicitation and sales without permission from the Residence Hall Manager/Housing Personnel.

24. Possession of weight-lifting apparatus and waterbeds.

25. Playing musical instruments.

26. Leaving a student housing room door unlocked or leaving the room with excessive lights, radios, or other electrical appliances left on.

***NOTE**: A sanction will be issued to all residents of that room.*

27. Possession or display of empty alcoholic beverage containers in residence hall.

After initial investigation of charges (1-27), the Director of Student Services will decide the appropriate disciplinary action required. If the accused is dissatisfied with the decision of the Director of Student Services he or she may submit a written request within 24 hours for a hearing before the Student Disciplinary Committee. If the student and Director of Student Services are satisfied with the conclusion of the case at this point, the Director will notify the student and the party bringing the charge(s).

The following charges (28-49) must be referred to the Student Disciplinary Committee in accordance to the following process:

a. Charges must be filed with the Director of Student Services;

b. The Director of Student Services will thoroughly investigate the charges filed;

c. The Director of Student Services will forward the findings of the investigation to the Dean of Students.

28. Excessive violations of the published student conduct code, residence hall visitation and/or occupancy policies.

29. Forgery, alteration, or misuse of College documents, records, or identification;

30. Obstruction or disruption of teaching, research, administration, disciplinary procedures, or other activities on College premises by either Bevill State Community College or non-College persons or groups;

31. Destruction, damage, or misuse of College, public, or private property;

32. Conduct in violation of federal, state statutes or local ordinances, which threatens the health and/or safety of the College community or adversely affects the educational environment of the College;

33. Conviction of any misdemeanor or felony, which adversely affects the educational environment of the College;

34. Obtaining College services by false pretenses including, but not limited to, misappropriation or conversion of College funds, supplies, equipment, telephone system, labor, material, space, facilities, or services;

35. Hazing in any form is strictly prohibited. Hazing is any mental or physical requirement or obligation placed on a person by a member of any organization, or by an individual, or by a group of individuals, which could cause discomfort, pain, or injury, or which violates any legal statute or College rule, regulation, or policy. Hazing has been defined as but is not limited to, the striking, laying open hand upon, treating with violence, or offering to do bodily harm to a person with intent to punish or injure the individual, or other treatment of tyrannical, abusive, shameful, insulting or humiliating nature. Hazing is an action taken or situation created to produce mental or physical discomfort, embarrassment, harassment, or ridicule. Hazing is also considered to include the creation of a situation, which results in, or might result in, mental or physical discomfort, embarrassment, harassment, or ridicule, including servitude often called “personal favors.” Activities of this nature shall be dealt with promptly and sternly;

36. Harassment, intimidation, bribery, physical assault, or any other means, implied or explicit, to influence any member of a judicial body named in Student Conduct Code, including witnesses, faculty members, staff members, and students, before, during or after a hearing. Organizations shall be responsible for the actions of their individual members, alumni, advisors, etc.;

37. Possession, while on College-owned or controlled property, of firearms, ammunition, explosives, fireworks, pellet guns, bows and arrows, knives or other dangerous devices. (Weapon possession will be enforced according to Alabama state law.)

38. Possession, sale, and/or consumption of alcoholic beverages or non-prescribed, controlled drugs on College property or at a College-sponsored function;

39. Being under the influence of alcoholic beverages or non-prescribed, controlled drugs on College property or at a College-sponsored function;

40. Unauthorized manufacture, sale, delivery, or possession of any drug or drug paraphernalia defined as illegal under local, state, or federal law;

41. Theft, accessory to theft, and/or possession of stolen property;

42. Physical or verbal abuse, threat of violence, intimidation, physical, mental or sexual harassment;

43. Entering false fire alarms, tampering with fire extinguishers, alarms, or other equipment;

44. Disruptive or disorderly conduct which interferes with the rights and opportunities of those who attend the College to utilize and benefit from educational facilities;

45. The use of Bevill State Community College computer terminals and/or telecommunications equipment on College-owned or College-controlled property for personal use or for purposes of obtaining pornographic or sexually explicit information;

46. Threatening, harassing, lewd, obscene, or violent communications through e-mail, fax, or other methods of data/information transmission;

47. Terrorist threat to Bevill State Community College or from College-owned or controlled property

48. Software tampering, espionage, sabotage, and criminal mischief.

49. Sexual violence refers to physical acts perpetrated against a person’s will or where a person is incapable of giving consent due to the victim’s use of drugs or alcohol. An individual also may be unable to give consent due to an intellectual or other disability. (The College’s Assault and Violence Policy can be found in the Non-discrimination section of the Catalog. A student charged with this conduct violation will be immediately referred to the Grievance Procedures and Resolution of Harassment, Discrimination and Sexual Violence Complaints policy. Sanctions for this violation may range from probation to expulsion, depending on the severity of the incident.)

50. Any other activity or conduct not specifically stated herein which impairs or endangers any person, property, or the educational environment of the College.

***NOTE:** If a student violates policy related to alcohol or substance abuse and is under 21, the Director of Student Services will notify the student’s parents*.

Student Disciplinary Committee Composition And Responsibility

- The Campus Student Disciplinary Committee shall have the dual function of safeguarding the rights of students and maintaining a climate of integrity and safety for all members of the College community.
- The Committee shall consist of two (2) faculty members, one (1) professional staff member, one (1) support staff member and one (1) student. The Dean of Students shall serve as the chairperson for each campus Student Disciplinary Committee.
- The Dean of Students shall appoint the Student Disciplinary Committee. The faculty and staff members shall serve a term of two years. Each year one faculty member and one staff member shall rotate off of the Committee and the Dean of Students will appoint a replacement for the two (2) vacant seats on the Committee. A student officer from a campus student organization shall be appointed annually to serve a term of one year on the Student Disciplinary Committee. Committee substitutions may be necessary if a conflict arises in scheduling hearings in a timely manner.
- The Chairperson will preside over all hearings and serve as a non-voting member of the committee. Any Committee member who has any personal interest or special information concerning a particular case should recuse themselves from that case.
- The Committee shall maintain an adequate record of the history and disposition of each case. The Director of Student Services’ designee shall attend all Student Disciplinary Hearings and keep a written record of the proceedings. The Chairperson shall maintain the written record of the hearing and the decision. The record shall include a summary of the evidence upon which the Committee based its decision. At the conclusion of each hearing the Chairperson will turn over notes and records from the proceeding to the Director of Student Services to be retained for five years after the disposition of all cases.

Student Rights And Responsibilities

- The student does not forfeit any constitutional rights upon entrance into the student body of Bevill State Community College.
- By virtue of the student’s request for admission into Bevill State Community College (via application), the student agrees to abide by the College’s rules, regulations, policies, and Conduct Code.

- The student may have a representative present at any Student Disciplinary Committee hearing for advisement only. The representative will not have the right to cross-examination. The student's refusal to answer questions shall not be construed as admission of guilt.

Sanction Without Hearing By Student Disciplinary Committee

In the event that a student wishes to waive the right to a hearing before the Student Disciplinary Committee, he/she must submit a written admission of guilt to the Director of Student Services. The Director of Student Services will then accept jurisdiction of the case. Once a student has been informed of his/her rights and has knowingly and voluntarily accepted in writing the authority of the Director of Student Services to recommend the penalty, the student shall have waived the right to request a hearing before the Student Disciplinary Committee. If the Director of Student Services determines that a violation has occurred, he/she will recommend sanction(s) to be issued to the student to the Dean of Students for approval. By waiving the right to a student disciplinary hearing, the student does not waive his/her right to due process. Should the student choose to appeal the sanction imposed based on waiver of a student disciplinary hearing the student must appeal to the Appeals Board.

Procedure For Conducting The Hearing On Non-academic Misconduct

The Director of Student Services must submit a written notification informing the student that he or she has been charged with specific violations of the Student Conduct Code. Within five days (excluding Saturdays and Sundays and College holidays) of the formal charge being brought against a student, the written notification will be hand delivered to the student if at all possible; otherwise, it will be delivered by certified mail. The Director of Student Services must send a copy of the charge(s) and the investigation report to the Dean of Students. The Director of Student Services shall activate the Student Disciplinary Committee. Within five calendar days of the receipt of the charges, the Director of Student Services must set a time for the hearing and must notify all parties in writing of the time, date, and location of the hearing.

The procedure for conducting a hearing must contain the following elements:

1. No less than twenty-four hours before the disciplinary hearing (excluding Saturdays and Sundays and official College holidays), the Director of Student Services must submit a written notification of the date, time and location of the hearing to the student charged with misconduct.

2. The hearing must be conducted in such a way as to afford due process to all parties involved.

3. The hearing must be private and confidential, except by consent of all parties.

4. The Chairperson will state the charge(s) and define the evidence based on the investigative report. The student must have an opportunity to examine evidence, cross-examine witnesses, offer witnesses on his/her behalf, and respond on his/her own behalf.

5. The student charged must be permitted the right to have a representative present. However, only the student may address the Committee or witnesses directly. In the case of an international student or a student with a disability, such as hearing or speech impairment, the Chairperson will determine the appropriateness of allowing a representative to speak on behalf of the student.

6. Either party may offer testimony (written or oral) of witnesses. Written statements shall be admissible; however, should the accused student challenge any significant part of the written statement, the Disciplinary Committee may choose to disregard the challenged portion in its study of evidence and testimony presented. If the Committee so desires, it may reconvene the hearing when the witness(es) may appear and be questioned by the Committee and the accused.

7. The burden of proof rests with the person(s) bringing the charge(s).

8. The student shall have the right to cross-examine any witness against the student or to refute any written testimony.

9. If the accused student fails—without good cause, in the judgment of the Chairperson of the Committee—to appear at the designated time of the hearing, the Chairperson may conduct the hearing without the presence of the accused.

10. The Committee members must deliberate in confidential discussion. A majority vote shall be required for the committee's decision.

11. The Chairperson will notify the student and any appropriate member of the College community within twenty-four hours in writing of the decision of the Committee.

12. The decision of the Committee shall be considered final except in case of appeal.

Sanctions Imposed For Violations Of Non-academic Misconduct

1. **Censure** -A statement to the offender that he/she has violated Bevill State Community College regulations and of the possibility of more stringent disciplinary action in the event of future violations. A censure statement may be given by the Director of Student Services or the Student Disciplinary Committee.

2. **Community Service** -Performance of duties under the supervision of approved local agencies or College officials to be completed within a specified time frame. If service is not completed in a timely manner the Director of Student Services will invoke restitution for service not completed. Community Service may be given by the Director of Student Services or the Student Disciplinary Committee.

3. **Disciplinary Probation** -A specified period of monitoring the student behavior to ensure compliance with Bevill State Community College Policies and Regulations, local, state, and federal ordinances. Any additional violations incurred while on probation may result in suspension or expulsion. Disciplinary probation may be given by the Director of Student Services or the Student Disciplinary Committee.

4. **Disciplinary Limitations** -Exclusion from participation in designated activities for a specified period of time. Any additional violations incurred while on disciplinary limitations may result in suspension or expulsion. Disciplinary limitations may be given by the Director of Student Services or the Student Disciplinary Committee.

5. **Residence Hall Suspension** -A student may be suspended from the residence hall for infraction of Student Housing Rules and Regulations.Suspension will be for a designated period of time. Residence Hall Suspension may be given by the Director of Student Services or the Student Disciplinary Committee.

6. **Suspension** -Dismissal from classes and extracurricular activities for a specified period of time. Suspension is issued by the Student Disciplinary Committee or may be approved by the Dean of Students should a student waive the right to a student disciplinary hearing. (In the case that a student poses an immediate threat to the campus community, the Director of Student Services may issue a temporary suspension, with a Student Disciplinary Hearing to be held within 72 hours, excluding Saturday, Sunday, and College holidays).

7. **Restitution** -Requirement to compensate the College or other injured party for the value of damaged, lost, misappropriated, destroyed property or unfulfilled community service. The Director of Student Services or the Student Disciplinary Committee shall set the amount and form of the restitution.

8. **Expulsion** -Termination of student status for a definite or an indefinite period. Expulsion is issued by the Student Disciplinary Committee or may be approved by the Dean of Students should a student a student waive the right to a student disciplinary hearing.

The conditions of readmission, if any, in the case of suspension or expulsion shall be stated in writing to the student.

Appeals Board

The Appeals Board, consisting of the Dean of Instruction, the Dean of Finance, and one student officer from a campus student organization, shall hear and act on appeals only. The function of the Appeals Board is to consider all sides and all testimony/evidence and to render a decision on the appeal. The Dean of Instruction will serve as the Chairperson of the Appeals Board and will be responsible for appointing Board members, scheduling and conducting the appeal and informing the student of the Board's decision. The Dean of Instruction's secretary shall serve as recorder for the appeal.

Procedure For Appeal

A student accused of non-academic misconduct may appeal the decision of the Student Disciplinary Committee or the Director of Student Services through the following process:

The accused must submit a written appeal to the Chairperson of the Appeals Board. The appeal must be requested within five (5) days, excluding Saturdays and Sundays and official College holidays following the receipt of the decision of the Student Disciplinary Committee or the Director of Student Services. If a student chooses to exercise the right of appeal, his/her status may remain unchanged as determined by the Student Disciplinary Committee or the Director of Student Services until the appeals process has ended. Therefore, sanctions as determined by the Student Disciplinary Committee or the Director of Student Services, except in cases of threat of danger to the campus community, should not take effect until the student has exhausted the appeals process.

1. The appeal is limited to review of the full report of the Student Disciplinary Committee or the Director of Student Services. The Appeals Board may uphold the decision rendered by the Student Disciplinary Committee or Director of Student Services, amend the decision, or overturn the decision.

2. Within three (3) days of the appeal, excluding Saturdays and Sundays and official College holidays, the Appeals Board Chairperson must set a time, date, and a location for the meeting of the Board.

3. Within two (2) days after hearing the appeal, excluding Saturdays and Sundays and official College holidays, the Appeals Board shall send written notice of its decision to the student and to all appropriate members of the College community.

If, after following the procedure outlined above, the student still seeks redress, he/she may appeal to the College President. This appeal to the President must be made in writing, must state the reason(s) for the appeal, and must be submitted within two (2) days, excluding Saturdays and Sundays and official College holidays, of receipt of notice by the student(s) of the decision of the Appeals Board.

The decision of the President is final. The President may approve, overturn, or amend the prior decision(s). The President shall send the student and all appropriate College personnel written notification of the decision rendered.

NOTE: *All Disciplinary activities will be noted in the student's disciplinary record.*

Due Process For Student Academic/instructional Grievance Cases

Students are guaranteed procedural and substantive due process in all cases involving formal academic grievances. The College also assures each student that no action will be taken on grounds which are not supported by academic policies/procedures. A student should immediately seek a resolution of all academic grievances with the instructor. If a satisfactory conclusion cannot be reached, the student should discuss the matter with the appropriate Division Chair immediately. If a mutual resolution cannot be reached, the Division Chair should inform the Collegewide Dean responsible for Academic Transfer, Health Science or Career Technical Education as appropriate. The student should immediately address the grievance with the appropriate Collegewide Dean in writing. The Collegewide Dean will investigate the grievance and render a final decision in the matter within seven (7) days, excluding Saturdays, Sundays and official College holidays.

Student Grievance Policy/Procedures

Bevill State Community College recognizes that in order to efficiently and effectively carry out its mission, students must feel confident that any valid complaint or grievance a student may make concerning the College will be promptly addressed by the appropriate authorities. Any student who has a grievance against a member of the Bevill State Community College faculty, staff, or administration concerning any form of race discrimination (Title VI, Civil Rights Act of 1964), sex discrimination (Title IX of the Educational Amendments of 1972), violation of the rights of the disabled (Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990) should follow the Grievance Procedures and Resolution of Harassment and Discrimination Complaints Against Employees policy.

Any student who has a grievance against another student should make a written complaint to the Director of Student Services to be handled according to the Procedure for bringing a Charge of Non-Academic Misconduct Against a Student process found in the Student Handbook.

REFERENCE:

Title VI of the Civil Rights Act of 1964, "No person in the United States shall on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance." Title IX of the Educational Amendments of 1972, "No person in the United States shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance." Section 504 of the Rehabilitation Act of 1973 as amended in 1974, "No otherwise qualified handicapped individual in the United States, as defined in Section 706 (6) of this title, shall solely by reason of his/her handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance." The Americans with Disabilities Act of 1990, "No covered entity shall discriminate against a qualified individual with a disability because of the disability of such individual in regard to job application procedures, the hiring, advancement, or discharge of employees, employee compensation, job training, and other semesters, conditions, and privileges of employment. No qualified individual with a disability shall, by reason of such disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination by a department, agency, special purpose district, or other instrumentality of a State or a local government. No individual shall be discriminated against on the basis of disability in the full and equal enjoyment of goods, services, facilities, privileges, advantages, and accommodations of any place of public accommodation...shall ensure that interstate and intrastate telecommunications relay services are available...to hearing-impaired and speech-impaired individuals in the United States."

Drug and Alcohol Abuse Prevention Policy

Drug And Alcohol Abuse Prevention Policy

Bevill State complies with the regulations and initiative as prescribed by federal regulations in the Anti-Drug Abuse Act of 1988. The College is strongly committed to providing a drug-free learning and working environment.

It is the policy of Bevill State Community College that, during the month of September of each academic year, information reported in compliance with the Drug-Free Workplace Act shall be made available to students and employees of Bevill State. Programs on drug and alcohol abuse prevention are offered for students the 3rd week of October each year during National Collegiate Alcohol Awareness Week. It is further the policy of Bevill State that annually, the Dean of Students and Directors of Student Services review the College's Drug and Alcohol Abuse Prevention Program and shall:

1. Determine the effectiveness of its program and report to the President any revisions needed by the program to make it more effective;

2. Ensure that the standards of conduct described in Part II hereof are fairly and consistently enforced; and

3. Submit any findings and/or recommendations.

The President shall implement, effective the ensuing September, any of the Committee's recommended revisions deemed appropriate and reasonable.

Standards Of Conduct And Enforcement

Bevill State Community College is a public educational institution of the State of Alabama and, as such, shall not permit on its premises, or at any activity which it sponsors, the possession, use, or distribution of any alcoholic beverage or any illicit drug by any student, employee, or visitor. In the event of the confirmation of such prohibited possession, use, or distribution by a student or employee, Bevill State Community College shall, within the scope of applicable Federal and State due process requirements, take such administrative or disciplinary action as is appropriate. For a student, the disciplinary action may include, but shall not be limited to, suspension or expulsion. For an employee, such administrative or disciplinary action may include, but shall not be limited to, reprimand, or suspension or termination of employment, or requirement that the employee participate in and/or successfully complete an appropriate rehabilitation program. Any visitor engaging in any act prohibited by this policy shall be called upon to desist from such behavior immediately. If any employee, student, or visitor shall engage in any behavior prohibited by this policy which is also a violation of Federal, State, or local law or ordinance, that employee, student, or visitor shall be subject to referral to law enforcement officials for arrest and prosecution.

Legal Sanctions Regarding Unlawful Use, Possession, Or Distribution Of Alcoholic Beverages And Illicit Drugs

State Offenses

Activities which violate Alabama laws concerning illicit possession, use, and distribution of alcoholic beverages or drugs include, but are not limited to, the following: (Those provisions which refer to drug "Schedules" are making reference to the authorization by the State Legislature for the State Board of Health to classify drugs in semesters of their potential for abuse and their current usage in medical treatment. Schedule I consists primarily of "street drugs" such as heroin, morphine, marijuana, LSD, mescaline, etc. Schedule II includes opium, cocaine, and methadone, among other illicit drugs. Schedule III drugs include those which have less potential for abuse than Schedule I or II, and those substances with the least potential for abuse are included in Schedules IV and V. The Schedules may be found in the Code of Alabama (1975), sec. 20-2-23, et seq.)

- Public intoxication is punishable by up to 30 days in jail. (Code of Alabama [1975], sec. 13A-11-10).
- Possession, consumption, or transportation of an alcoholic beverage by a person of less than 21 years of age is punishable by fine of $25-$100 or a 30-day jail term. (Code, sec. 28-1-5).
- Possession or distribution of an alcoholic beverage in a dry county is punishable by a fine of $50-$500 and, at the discretion of a judge, a jail sentence of up to six months. (Code, sec. 28-4-20, et seq).
- Possession of an alcoholic beverage illegally manufactured or illegally brought into the State of Alabama is punishable by a fine of $100-$1,000, plus, at the discretion of a judge, a jail sentence of up to six (6) months (Code, sec. 28-1-1).
- Driving or being in actual physical control of a vehicle while under the influence of alcohol or other drugs is punishable, upon first conviction, by a fine of $250-$1,000 and/or one year in jail plus suspension of drivers' license for 90 days. (Code, sec. 32-5A-191).

- Possession of marijuana for personal use is punishable by a fine of up to $2,000 and/or a jail sentence of up to one year (Code, sec. 13A-12-214).
- Possession of marijuana for other than personal use is punishable by a fine of up to $5,000 and a prison sentence of not more than ten years (Code, sec. 13A-12213).
- The selling, furnishing, or giving away, manufacturing, delivery, or distribution of a controlled substance listed in Schedules I-V of the Alabama Controlled Substance Act is punishable by a fine of up to $10,000 and/or a prison term of not less than two years and not more than 20 years (Code, sec. 13A-12-211).
- The selling, furnishing or giving by a person 18 years or older to a person under 18 years of age any controlled substance listed in Schedules I-V of the Alabama Controlled Substance Act is punishable by a fine of up to $20,000 and/or a prison term of not less than ten years and up to life (Code, sec. 13A-12-215).
- Possession of a controlled substance enumerated in Schedule I through V is punishable by a fine of not more than $5,000 and/or prison term of not more than ten years (Code, sec. 13A-12-212).
- Conviction for an unlawful sale of a controlled substance within a three-mile radius of an educational institution brings with it an additional penalty of five years of imprisonment with no provision for parole (Code, sec. 13A-12-250).
- The use, or possession with intent to use, of drug paraphernalia is punishable by up to one year in jail and/or a fine of up to $2,000 (Code, sec. 13A-12-260).
- The sale or delivery of, or possession with the intent to sell or deliver, drug paraphernalia is punishable by not more than one year in prison and/or a fine of up to $1,000. If the delivery or sale is to a person under 18 years of age, it is punishable by up to 20 years in prison and/or a fine of up to $10,000 (Code, sec. 13A-12-260). Penalties for subsequent violations of the above-described provisions are progressively more severe than the initial convictions.

Federal Offenses

Activities which violate Federal laws concerning illicit possession, use, or distribution of alcoholic beverages and drugs include, but are not limited to, the following: (21 U.S.C. 841) makes it a crime:

- to manufacture, distribute, or dispense, or possess with intent to manufacture, distribute, or dispense, a controlled substance; or
- to create, distribute, or dispense or possess with intent to distribute or dispense, or counterfeit a controlled substance. (The

U.S. Code establishes, and authorizes the U.S. Attorney General to revise as needed classifications of controlled substances. The drugs are each classified in one or more of five “schedules,” Schedule I being comprised essentially of “street drugs” and Schedule V being comprised of drugs with a “low potential for abuse” as compared with drugs in Schedules I-IV). Examples of Schedule I drugs are heroin and marijuana. PCP, for example, is a Class I drug. Amphetamine is a Schedule II drug, while Barbital is a Schedule IV drug. An example of a Schedule V drug would be a prescription medication with not more than 200 mg. of codeine per 100 grams. Penalties for a first offense conviction of violating the laws described in items (a) and (b) above are:

- In the case of a Schedule I or II drug which is a narcotic drug, not more than fifteen years in prison, a fine of not more than $25,000, or both.
- In the case of a Schedule I or II drug which is not a narcotic drug or in the case of a Schedule III drug, not more than five years in prison, a fine of not more than $15,000, or both.
- In the case of a Schedule IV drug, not more than three years in prison, a fine of not more than $10,000, or both.
- In the case of a Schedule V drug, not more than one year in prison, a fine of not more than $5,000, or both.
- Notwithstanding sub-paragraphs (1) through (4) above, the distribution of a small amount of marijuana for no remuneration is punishable by imprisonment of not more than one year and/or a fine of not more than $5,000.

6. Notwithstanding subparagraph (1) through (4) above, the manufacture, possession, or distribution, or intent to manufacture, possess, or distribute phenecylidine (PCP, “angel dust”) is punishable by up to ten years in prison and/or a fine of not more than $25,000. Penalties for subsequent violations of these provisions are progressively more severe than for initial convictions.

Local Ordinances

The State of Alabama Code has been adopted locally. Any other provisions as are applicable to the City of Jasper, City of Sumiton, City of Fayette, City of Hamilton, City of Carrollton, Walker, Marion, Pickens, Fayette, Lamar, and Winston counties have also been adopted.

Health Risks Of Drug And Alcohol Use And Abuse

The following is a list of some of the health risks and symptoms associated with the following categories or substances. This list is not intended to be the final word on such health risks, since the scientific and medical communities will continue their research into and discoveries concerning the abusive use of drugs and alcohol.

Cannabis

- Includes marijuana, hashish, hashish oil, and tetrahydrocannabinol (THC).
- Regularly observed physical effects of cannabis are a substantial increase in heart rate, bloodshot eyes, a dry mouth and throat, and increased appetite. Use of cannabis may impair or reduce short-term memory and comprehension, alter sense of time, and reduce ability to perform tasks requiring concentration and coordination, such as driving a car. Research also shows that students do not retain knowledge when they are “high.” Motivation and cognition may be altered, making the acquisition of new information difficult. Marijuana can also produce paranoia and psychosis. Because users often inhale the unfiltered smoke deeply and then hold it in their lungs as long as possible, marijuana damages the lungs and pulmonary system. Marijuana smoke contains more cancer-causing agents than tobacco. Long-term users of cannabis may develop psychological dependence and require more of the drug to get the same effect.

Cocaine

- Includes cocaine in powder form and“ crack” in crystalline or pellet forms.
- Cocaine stimulates the central nervous system. Its immediate effects include dilated pupils and elevated blood pressure, heart rate, respiratory rate, and body temperature. Occasional use can cause a stuffy or runny nose, while chronic use can ulcerate the mucous membrane of the nose. Injecting cocaine with unsterile equipment may transmit AIDS, hepatitis, and other diseases. Preparation of free base, which involves the use of volatile solvents, can result in death or injury from fire or explosion. Cocaine can produce psychological and physical dependency, a feeling that the user cannot function without the drug. In addition, tolerance develops rapidly. Crack or free base rock is extremely addictive, and its effects are felt within 10 seconds. The physical effects include dilated pupils, increased pulse rate, elevated blood pressure, insomnia, loss of appetite, tactile hallucinations, paranoia, and seizures. The use of cocaine can cause death by disrupting the brain’s control of the heart and respiration.

Other Stimulants

- Include amphetamines and methamphetamines (“speed”); phenmetrazine (Preludin); methylphenidate (Ritalin); and “anorectic” (appetite suppressant) drugs such as Didrex, Pre-Sate, Fastin, Profast, etc.
- Stimulants can cause increased heart and respiratory rates, elevated blood pressure, dilated pupils, and decreased appetite. In addition, users may experience sweating, headache, blurred vision, dizziness, sleeplessness, and anxiety. Extremely high doses can cause rapid or irregular heartbeat, tremors, loss of coordination, and physical collapse. An amphetamine injection creates a sudden increase in blood pressure that can result in stroke, very high fever, or heart failure. In addition to the physical effects, users report feeling restless, anxious, and moody. Higher doses intensify the effects. Persons who use large amount of amphetamines over a long period of time can develop an amphetamine psychosis that includes hallucinations, delusions, and paranoia. These symptoms usually disappear when drug uses ceases.

Depressants

- Include such drugs as barbiturates, methaqualone (Quaaludes), and tranquilizers such as Valium, Librium, Equanil, Meprobamate, Xanax, etc.
- The effects of depressants are in many ways similar to the effects of alcohol. Small amounts can produce calmness and relaxed muscles, but somewhat larger doses can cause slurred speech, staggering gait, and altered perception. Very large doses can cause respiratory depression, coma, and death. The combination of depressants and alcohol can multiply the effects of the drugs, thereby multiplying the risks. The use of depressants can cause both physical and psychological dependence. Regular use over time may result in a tolerance to the drug, leading the user to increase the quantity consumed. When regular users suddenly stop taking large doses, they may develop withdrawal symptoms ranging from restlessness, insomnia, and anxiety, to convulsions and death. Babies born to mothers who abuse depressants during pregnancy may be physically dependent on the drugs and show withdrawal symptoms shortly after they are born. Birth defects and behavioral problems also may result.

Narcotics

- Include such substances as heroin, morphine, opium, and codeine as well as methadone, meperidine (Demerol), hydromorphine (Dilaudin), and such drugs as Percocet, Percodan, Darvon, Talwin, Lortab, Lorcet, Anexia, etc.
- Narcotics initially produce a feeling of euphoria that often is followed by drowsiness, nausea, and vomiting. Users also may experience constricted pupils, watery eyes, and itching. An overdose may produce slow and shallow breathing, clammy skin, convulsions, coma, and possibly death.
- Tolerance to narcotics develops rapidly and dependence is likely. The use of contaminated syringes may result in disease such as AIDS, endocarditis, and hepatitis. Addiction in pregnant women can lead to premature, stillborn, or addicted infants who experience severe withdrawal symptoms.

Hallucinogens

- Include phencyclidine ("PCP"), lysergic acid diethylamide ("LSD"), mescaline peyote, and psilocybin (mushrooms).
- Phencyclidine (PCP) interrupts the functions of the neocortex, the section of the brain that controls the intellect and keeps instincts in check. Because the drug blocks pain receptors, violent PCP episodes may result in self-inflicted injuries.
- The effects of PCP vary, but users frequently report a sense of distance and estrangement. Time and body movement are slowed down. Muscular coordination worsens and senses are dulled. Speech is blocked and incoherent. Chronic users of PCP report persistent memory problems and speech difficulties. Some of these effects may last six months to a year following prolonged daily use. Mood disorders such as depression and anxiety and violent behavior also occur. In later stages of chronic use, users often exhibit paranoid and violent behavior and experience hallucinations. Large doses may produce convulsions and coma, heart, lung, and brain.
- Lysergic acid (LSD) mescaline, and psilocybin cause illusions and hallucinations. The physical effects may include dilated pupils, elevated body temperature, increased heart rate and blood pressure, loss of appetite, sleeplessness, and tremors. Sensations and feelings may change rapidly. It is common to have a bad psychological reaction to LSD, mescaline, or psilocybin. The user may experience panic, confusion, suspicion, anxiety, and loss of control. Delayed effects, or flashbacks, can occur even after use has ceased.

Inhalants

- Include such substances as nitrous oxide ("laughing gas"), amyl nitrate, butyl nitrate (found in asthma inhalants), chlorohydrocarbons (used in aerosol sprays), and hydrocarbons (found in gasoline, glue, and paint thinner).
- Immediate negative effects of inhalants include nausea, sneezing, coughing, nosebleeds, fatigue, lack of coordination, and loss of appetite. Solvents and aerosol sprays decrease heart and respiratory rates and impair judgment. Amyl and butyl nitrite (asthma inhalant) cause rapid pulse and feces. Long-term use may result in hepatitis or brain hemorrhage.
- Deeply inhaling the vapors or using large amounts over a short period of time may result in disorientation, violent behavior, unconsciousness, or death. High concentration of inhalants can cause suffocation by displacing oxygen in the lungs or by depressing the central nervous system to the point that breathing stops. Long-term use can cause weight loss, fatigue, electrolyte imbalance, and muscle fatigue. Repeated sniffing of concentrated vapors over time can permanently damage the nervous system.

Designer Drugs

- Designer drugs include analogs of fentanyl and analogs of meperidine (synthetic heroin), analogs of amphetamines and methamphetamines (such as "Ecstasy"), and analogs of phenecylidine.
- Illegal drugs are defined in terms of their chemical formulas. Underground chemists modify the molecular structure of certain designer drugs. These drugs can be several hundred times stronger than the drugs they are designed to imitate.
- The narcotic analogs can cause symptoms such as those seen in Parkinson's disease—uncontrollable tremors, drooling, impaired speech, paralysis, and irreversible brain damage. Analogs of amphetamines and methamphetamines cause nausea, blurred vision, chills, or sweating, and faintness. Psychological effects include anxiety, depression, and paranoia. As little as one dose can cause brain damage. The analogs of phencyclidine cause illusions, hallucinations, and impaired perceptions.

Alcohol

- Ethyl alcohol, a natural substance formed by the fermentation that occurs when sugar reacts with yeast, is the major active ingredient in wine, beer, and distilled spirits.
- Ethyl alcohol can produce feelings of well-being, sedation, intoxication, unconsciousness or can cause death depending on how much is consumed and how fast it is consumed.
- Alcohol is a "psychoactive," or mind-altering drug, as are narcotics and tranquilizers. It can alter moods, cause changes in the body, and become habit forming. Alcohol depresses the central nervous system, and too much can cause slowed reactions, slurred speech, and unconsciousness. Chronic use of alcohol has been associated with such diseases as alcoholism and cancers of the liver, stomach, colon, larynx, esophagus, and breast. Alcohol abuse can also lead to damage to the brain, pancreas and kidneys; high blood pressure, heart attacks, and strokes; hepatitis and cirrhosis of the liver; stomach and duodenal ulcers; colitis; impotence and infertility; and premature aging. Abuse of alcohol has also been linked to birth defects and Fetal Alcohol Syndrome.

Where To Get Assistance

Help is available for persons who are in need of counseling or other treatment for substance abuse. Listed below are agencies and organizations, which can assist persons in need of such services.

- On-Campus Assistance with Referral Services Office of the Director of Student Services.
- Local Information Northwest Alabama Mental Health Center 24-Hour Toll-Free Number: 800-489-3971
- National 24-Hour Toll-Free Hotline (referrals for mental health and substance abuse issues) 800-662-HELP (4357) Website: www.samhsa.gov
- Treatment Facilities The treatment facilities listed below provide either alcohol (A), drug (D), or alcohol and drug (A/D) treatment on an outpatient, residential, or inpatient basis. Outpatient care generally consists of counseling and other therapy on a periodic basis, such as twice a week. Inpatient services include such treatment as detoxification and short-term hospital care. Residential services include residing (generally from one to six months) at a treatment facility and participating in such therapeutic activities as lectures, group counseling, individual counseling, and self-analysis. Some of the listed facilities are private and some are public. In most instances, the care offered at a public facility is less expensive than similar services offered at private facilities. However, many health and hospitalization insurance policies include coverage for substance abuse treatment. There are also situations in which private facilities are provided public funding to offer services to eligible clients who would not otherwise be able to afford such services.

Student Housing Rules and Regulations

General Standards Of Behavior

The prevailing goal of the residence life program is to develop communities within the residence halls that foster informal learning. The most crucial factor in this effort is the human element, that is, being responsible members of the community. As members of this community, students are given certain rights and privileges, and with these come a number of responsibilities. Students residing in the residence hall setting will be living in a community that is comprised of people with diverse backgrounds, interests, concerns, opinions, and standards. In order to make this kind of community livable, enjoyable, and conducive to academic pursuits, a set of standards that defines what is and what is not acceptable behavior is necessary.

Students' Responsibilities

- Students are responsible for knowing and abiding by all policies of the residence hall system and Bevill State Community College.
- Students are expected to take an active role in monitoring the behavior that occurs in the residence hall community. It is a student's responsibility to confront others who are violating hall policies and/or to report such violations to the residence hall staff.
- Students are expected to cooperate with requests from staff members when they are acting in their official capacity within the College structure. A notification to see a staff member must be honored.
- Students are not to misrepresent or misuse their student identification or fail to show their student identification card upon request of a Bevill State staff member or administrator.

Emergency Weather Contacts

Bevill State monitors weather conditions 24 hours a day. The Administration provides updates and alerts to the entire campus community throughout times of inclement and threatening weather conditions via the Bear Alert System. Student housing residents should be alert to the danger of threatening weather conditions and maintain communications with College Administration in regard to evacuation and safety measures. During regular office hours, contact the Resident Manager or the Office of Student Services. When weather conditions threaten during the evening or on weekends, residents should follow the instructions posted inside each room.

Missing Student Notification Policy And Procedures

The Higher Education Opportunity Act of 2008 requires each student to identify a contact person or persons whom the institution will notify within 24 hours if the student is determined by the institutional police or security department or the local law enforcement agency to be missing. This contact information will be registered confidentially. The contact information is collected on the Student Housing Applications. The Dean of Students will be notified if a housing resident is missing for 24 hours.

Student Housing Policies

Student housing at Bevill State is a unique, enjoyable experience that provides educational, social, and cultural development opportunities for students. The BSCC Housing Policy is based on the premise that students have the right to expect a quiet, clean, safe atmosphere in which to live, study, and develop as individuals.

Rules are inherent in all group living situations. Sound laws and regulations provide order essential to personal freedom and academic achievement. Enrollment at Bevill State obligates a student to become familiar with and to comply with established standards and regulations. All student housing policies are subject to change by the Administration.

The College realizes that not all individuals can adjust to group living. For this reason, and to safeguard the rights and privileges of the majority of its students, the College reserves the right to dismiss any student from the dormitory for misconduct when such action is deemed necessary. The College reserves the right to relocate residents whenever necessary; however, no resident may relocate from his/her assigned room without both notifying and receiving permission from the Resident Manager and the Director of Student Services.

It is expected that students living in and visiting College residence facilities will cooperate with the Resident Manager and with each other in maintaining a routine of living conducive to wholesome college life. Living in student housing is a privilege, and the College reserves the right to revoke this privilege whenever the action(s) of a resident does not comply with the standards and regulations established by the College.

- An individual must be 18 years old and enrolled as a full-time student (minimum of 12 credit or 12 contact hours, fall and spring terms) at Bevill State to be eligible for residency in campus housing. Students under the age of 19 must have parents' signatures on the housing application and Housing Lease Agreement.
- A resident who is absent from his/her scheduled classes for more than five (5) consecutive days must inform the Director of Student Services and Resident Manager in writing. Failure to do so may result in termination of the housing lease.
- The required deposit of $150 is to be paid prior to the student moving any personal belongings into the dorm room or apartment. When moving out of student housing, the student must follow checkout procedures and return his/her key(s) to receive a deposit refund. The deposit is required each academic year and an amount of $50.00 will be retained from all deposits for general maintenance and pest control fee each year.
- A $75 fee will be assessed for replacing lock and keys or for failure to turn in key(s).
- Residents must remove personal belongings and vacate the premises within 24 hours of the last scheduled final exam, or within 24 hours of withdrawing from Bevill State, or within 24 hours from dismissal from Bevill State, and/or within 24 hours of lease termination. **Unclaimed items will be disposed of immediately.**
- Residents are responsible for cleaning the room as part of the check-out procedure. Failure to clean the room as part of the check-out procedure will result in an additional $50 cleaning fee.
- During school holidays of five (5) days or more, as noted in the College Calendar, residents may not reside in student housing.
- Residents must sign a Housing Lease Addendum prior to the end of each term either to continue or terminate occupancy. Failure to sign the Addendum will terminate the lease.
- Summer term residency is limited and current residents must obtain approval from the Director of Student Services if summer residency is required. Students who are approved for summer residency must pre-register for the required summer term enrollment status or approval may be withdrawn.
- Each resident must have all personal furniture or equipment (including small appliances) approved by Housing personnel/Resident Manager before moving into the dorm room. Failure to obtain approval may result in the removal and/or disposal of items that are considered a detriment to the safety and well-being of student residents and/or the College environment.
- Residents are responsible for the cleanliness of their rooms and surrounding grounds. Garbage, rubbish, and other waste must be removed daily from rooms and yard and placed in designated receptacles. There will be unannounced inspections for cleanliness.
- The College unconditionally reserves the right to inspect all portions of rooms at times convenient to its staff and to require compliance with housing policies. **Needed repairs should be reported to the Resident Manager immediately.**
- It is mandatory for residents to attend meetings called by the Resident Manager and/or the Director of Student Services. These meetings are kept to a minimum and, when called, are of importance to all residents.
- **Children (immediate family members only) visiting a housing resident must be under the supervision of the resident being visited at all times.**
- All persons must be fully clothed when in the lounges, lobbies, or in the presence of visitors.
- If deemed necessary and advisable for the safety, security, or the maintenance of an educational atmosphere, a room or any personal belongings of the student resident (including vehicles) may be searched. Searches will be conducted if there is reasonable cause to believe that a student is using his/her room for a purpose in violation of federal, state, or local laws, or College regulations, or if the College Administration deems that a serious threat of security and safety exists. All room searches must be approved by the Dean of Students or designee.
- **Each student resident will be responsible for any damage to his/her assigned room or to the furniture, fixtures, and equipment, and for damage or loss caused by him/her to any part of the residence hall. When two or more students are involved in damage to College property, and it cannot be ascertained which student is responsible for the damage or loss, an assessment will be made against both or all equally.** Additionally, assessments for certain violations will be made to the entire residence hall community. The use of such materials as paste, glue, nails, tacks, staples, screws, etc., on walls, furniture, and woodwork (including inside and outside doors) is prohibited. Only non-damaging tape is permissible for use on walls and doors. Bumper sticker-type adhesive must not be used on any surface.
- In the residence hall, there are Quiet Hours set aside for study. **Quiet Hours are in effect from 10:00 p.m. until 9:00 a.m. with the exception of Friday and Saturday. On Friday and Saturday, Quiet Hours begin at 12:00 midnight and end at 10:00 a.m. the following day. Unnecessary noises and disturbances are not permitted at any time and may warrant immediate dismissal. Quiet hours may be extended during scheduled final exam periods.**
- The College is not responsible for any loss or damage to the personal property of occupants.
- Each student is urged to provide for the security of his/her own belongings by locking his/her room and by carrying personal property insurance. **Thefts should be reported to the Resident Manager.**
- Residents must have a Bevill State student ID card and parking decal. Parking decals are available in the Business Office, and Student ID's are made on designated days in the Office of Student Services. Identification may be verified at any time by any Bevill State Community College personnel.
- Residents and non-residents may visit in the rooms of residents daily, during the following times: Sunday-Wednesday 9:00 a.m. until 11:00 p.m. and Thursday-Saturday 12:00 noon until 1:00 a.m. **Residents must be in their respective rooms when visitation ends Sunday-Wednesday by 11:00 p.m. and Thursday-Saturday by 1:00 a.m.**
- A visitor must be at least 18 years of age, a Bevill State student, or a member of a student's immediate family. Identification of visitors may be verified.
- Overnight visitation is prohibited.
- The student or roommate has the right to refuse visitation.
- Visitors must be accompanied by a resident of the dorm.
- Students are responsible for the conduct of any visitor(s) while on College-owned or College-controlled property. Visitors are subject to the same conduct code, policies, and procedures as student residents.
- Areas surrounding the residence hall are off limits to all nonresidents as well as residents after visiting hours.

If a resident or non-resident is injured while in violation of any regulation or policy as stated in the Bevill State Student Conduct Code and Student Housing Policy the College shall not be held liable.

The Resident Manager or any other authorized official of the College will issue written notifications to residents and non-residents who violate College policy. The Director of Student Services will impose appropriate sanctions for the policy violation. If more than one student is involved in the violation of the Student Housing Policy, and the College cannot determine who is responsible for the violation, all students involved will receive a notification of violation.

Though violation of the aforementioned policies can result in immediate suspension or expulsion from the residence halls, it is understood that any regulation or policy violation as stated in the Bevill State Student Conduct Code and Student Housing Policy will result in disciplinary action. These procedures will provide for adequate notice and a fair hearing of the appeal.

The Student Conduct Code outlines due process procedures for all student disciplinary cases.

If a student violates policy related to alcohol, substance abuse, or pornography and is under the age of 21, the College will notify the parents.

Non-student violators of the Student Housing Policy or Student Conduct Code will be referred to local law enforcement agencies.

Room Check-out And/or Dismissal Procedures

Students are expected to vacate the building within 24 hours of their last final exam, or within 24 hours of withdrawing from Bevill State, or 24 hours from dismissal from Bevill State. Residents must have special permission from the Director of Student Services if they must stay beyond the 24-hour limitation.

When checking out of a dorm room, the student must follow the check-out procedures listed below and complete a Deposit Refund Request form. **Failure to check-out properly will result in the forfeit of the original deposit.** The room will be inspected thoroughly in the student's presence at the time of check-out. At this time, the student must sign a termination or renewal form. If there are any damages to the room, they will be noted and added to the student's account or taken from the security deposit.

Before students leave they must…

- Remove all personal belongings.
- Clean bathroom and kitchen area, if appropriate.
- Vacuum and mop the floor.
- Take all trash outside to the dumpster.
- Close and lock windows and lower blinds.
- Turn off lights and blower.
- Lock the door.
- See a resident hall staff member to turn in the room key and formally check-out.
- Sign a termination or renewal form.

Bevill State Community College Intellectual Property Rights Statement

Bevill State Community College Intellectual Property Rights Statement:

This policy regarding Intellectual Property Rights is in accordance with the Bevill State Community College Copyright Policy and State Board Policy 321.01 Copyright, Trademark, and Patent Ownership.

Ownership Of Materials

As a general principle, Bevill State claims ownership of all educational materials involved in teaching classes, on all four campuses and at the respective centers. Such ownership includes, in particular, test banks, syllabus, web courses, and hybrid courses. However, Bevill State cedes control of the assessments, class notes, presentations, and handouts.

The exceptions to this rule are materials that are produced in the course of duties based on the employment contract or program agreement and are intended for the institution to copyright, trademark, or patent.

Rules Of Intellectual Property For Students

All student work submitted as a requirement for course credit is the intellectual property of that student and the student may use or publish his/her this work without any authorization from the College.

The student must get written consent from the College in order to use or publish material for which the student is not an author or collaborator.

An employee must get permission from a student to use that student's work as a sample/model. At the student's request, the work will be published anonymously, or under a pseudonym.

As previously stated, students have the right to publish any of their own creative work and are entitled to 100% of the royalties for these works.

Bevill State Community College Copyright Policy

Bevill State Community College Copyright Policy

Employees and students are expected to understand and adhere to the copyright law of the United States (Title 17, United States Code), as adapted by the Technology, Education and Copyright Harmonization Act (TEACH). Copyright law must be followed when performances, displays, copies, or other reproductions of copyrighted material are made available to students. This includes the posting of copyrighted material on Canvas or other online sites. Under the TEACH Act, it is permissible to make copyrighted materials available to students, provided that students are notified that the materials may be subject to copyright protection, and that materials:

- do not exceed an amount or duration comparable to that typically displayed in a live classroom setting;
- are directly related to the course content;
- are an integral part of the teaching content;
- are intended solely for and are available only to students enrolled in the course, and
- are retained only for the class session.

Copyright Act 1976 Fair Use Clause

The Fair Use clause of the 1976 Copyright Act applies to material used for nonprofit educational purposes, when only the amount of material necessary for instruction is used, and when no impact is made on the market.

General Guidelines For Employees And Students

You are adhering to the copyright law if:

- you are the copyright owner;
- you have express written permission;
- the material is in the public domain, or
- the Fair Use clause applies to the material.

The following examples are intended to aid in implementing the Copyright Policy:

- Journal articles may be scanned and placed on Web sites as long as course access is limited to the students currently enrolled in the class.
- Presentations using copyrighted photographs and music may be used in an online presentation without permission as long as access is restricted to the students enrolled in the class.
- A book chapter may be added to a library reserve or online course as long as access is limited to students enrolled. The chapter must be removed at the end of the semester.
- Books may not be copied for students. Only one library reserve copy of the textbook is allowed for students. More than one would be an infringement on the marketing ability of the copyright holder.

Rules Of Thumb For Employees And Students

- Link to files, instead of downloading, whenever possible.
- Assume that a work is copyrighted unless it states that it is not.
- Read the terms of use for each file-sharing site
- Always provide attribution for all downloaded files.
- Do not download files with private affirmation such as phone numbers and addresses.

Bevill State has designated a copyright agent to receive notification of claimed copyright infringement on the College's website as required by the Digital Millennium Copyright Act. If a person believes his or her work is being infringed on Bevill State's website, he or she should notify Tana Collins, Director of Public Relations, Bevill State Community College, 1411 Indiana Avenue, Jasper, AL 35501; e-mail: tana.collins@bscc.edu; (205) 648-3271.

According to the Digital Millennium Copyright Act, the notification of claimed infringement must include:

- identification of the copyrighted work claimed to have been infringed (include ISBN, title, etc.);

- identification and URL of the material that is claimed to be infringing;
- information sufficient to contact the complaining party, such as an address, telephone number, fax number, and electronic mail address; and
- other information relating to the claim. Any copyright concerns or questions about the Bevill State website should be directed to Tana Collins at tana.collins@bscc.edu.

Resources

The teach act toolkit is an online resource for understanding copyright in distance education: http://www.lib.ncsu.edu/scc/legislative/teachkit/overview.html.

Educational Multimedia Fair Use Guidelines describe copyright protections in the electronic environment: http://www.utsystem.edu.ogc/INTELLECTUALPROPERTY/faculty.ht m#mm.

Federal Law regarding Copyright issues -Title 17, United States Code: http://www.copyright.gov/title12

Summary Of Civil And Criminal Penalties For Violation Of Federal Copyright Laws

Copyright infringement is the act of exercising, without permission or legal authority, one or more of the exclusive rights granted to the copyright owner under section 106 of the Copyright Act (Title 17 of the United States Code). These rights include the right to reproduce or distribute a copyrighted work. In the file-sharing context, downloading or uploading substantial parts of a copyrighted work without authority constitutes an infringement. Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or “statutory” damages affixed at not less than $750 and not more than $30,000 per work infringed. For “willful” infringement, a court may ward up to $150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys’ fees. For details, see Title 17, United States Code, Sections 504, 505.

Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to $250,000 per offense.

For more information, please see the Website of the U.S. Copyright Office at www.copyright.gov, especially their FAQ’s at www.copyright.gov/help/faq.

Bevill State Community College Internet Policy

Bevill State Community College Internet Policy

1. Under the terms of this agreement, you will be given access to the Bevill State Community College Internet/Network System. A user ID and password will be assigned by the Computer Services Office. This will be your Internet/Network account. You will be provided with an e-mail address. All Internet/Network access using Bevill State Community College time, equipment and/or resources will be administered by and coordinated through the Bevill State Community College Computer Services Office.
2. Software for access to the Internet/Network, e-mail, and the World Wide Web must be approved by the Computer Services Office or will be provided for the user by the Computer Services Office. In service training sessions will be held on these topics and support will be provided for the approved software. If it is determined that the user is using any software different from what has been approved by the Computer Services Office or provided by the Computer Services Office and the user does not have prior approval from the Computer Services Office for the use of such software, the user’s access to the Internet/Network is subject to being immediate revoked.
3. The user is solely responsible for the use of his or her network account and the confidentiality of the password. The user’s access will be suspended or changed immediately upon notification to the Computer Services Office that the user’s password has been stolen, lost or otherwise compromised. Allow NO ONE to use your network account.
4. If the user’s account is suspended or revoked, an appeal can be made in writing to the President of Bevill State Community College.
5. Bevill State Community College has contracted with Charter Communications and the Alabama Super Computer Authority to allow the user access to the Internet. To this extent, Bevill State Community College is unable to control the quality of the connection or speed of the transmission of Information passing through the network. This service/data is provided to Bevill State Community College on an “as is, as available” basis, without warranty of any kind, expressed or implied, including, but not limited to, the warranties of performance, merchantability and fitness for a particular purpose. Use of any information, programs, or data obtained via the Bevill State Community College Internet access is at the user’s sole risk. Bevill State Community College and the Computer Services Office specifically disclaim any responsibility for the accuracy or quality of information obtained through this service.
6. This agreement shall be governed by and construed under the policies of Bevill State Community College and the laws of the state of Alabama.
7. Failure of Bevill State Community College to enforce any provision of this agreement shall not constitute or be construed as a waiver of such provision or of the right to enforce such provision.
8. Bevill State Community College Internet/Network access and services are provided to support open research and education in and among Institutions, plus open scholarly communication and research. Use for other purposes is not acceptable.
9. Bevill State Community College and the Computer Services Office will not be responsible for any damage the user suffers from use of the Bevill State Community College Internet/Network access. This includes loss of data resulting from delays, nondeliveries, misdeliveries, or service interruptions caused by its own negligence or the user’s errors or omissions, or due to inadvertent release or disclosure of information sent by the user.

Acceptable Uses

- Education, research, and completion of assigned activities are deemed an acceptable use of the user’s Internet/Network account.
- Communication and exchange for professional purposes, to maintain currency, or to debate issues in a field or subfield of knowledge is acceptable.
- Use for disciplinary-society, university-association, government-advisory, or standards activities related to the user’s research, professional development and/or instructional activities are acceptable.
- Use in applying for or administering grants or contracts for research or instruction, but not for other fund raising activities.
- Any other administrative communications or activities in direct support of research and instruction.
- Announcements of new products or services for use in research or instruction, but not advertising of any kind.
- Communication incidental to otherwise acceptable use, except for illegal or specifically unacceptable use.
- When the user obtains access to other networks through Bevill State Community College Internet access, he or she must comply with the rules appropriate for that network. The entire burden of complying with such laws and regulations rests with the user.

Unacceptable Uses

- Internet/Network access provided by Bevill State Community College is to be used solely for College-related business and/or educational purposes. College provided time, equipment, or access is prohibited.
- The Bevill State Community College Internet/Network access may only be used for lawful purposes. Transmission of any material in violation of any federal or state statute or regulation or Bevill State Community College policy is prohibited. This includes, but is not limited to, copyrighted material, material legally judged to be threatening or obscene, or material protected by trade secret. The user agrees to indemnify and hold harmless Bevill State Community College from any claims resulting from your use of the Bevill State Community College Internet/Network System.
- Bevill State Community College will immediately revoke the user’s access if evidence of illegal or illicit activity is found and traced to your account. Additional disciplinary action may be taken at the discretion of the President of the College.
- Use for for-profit activities is prohibited unless covered by the General Principle or as a specifically acceptable use, is prohibited.
- Extensive use for private or personal business is prohibited.
- Users of Bevill State Community College network services shall not disrupt any of the networks as a whole or any equipment or system forming part of its systems, or any services provided over, or in connection with, any of the Bevill State Community College networks.
- Bevill State networks shall not be used to transmit any communication where the meaning of the message, or its transmission or distribution, would violate any applicable law or regulation or would likely be highly offensive to the recipient or recipients thereof.
- Advertising of commercial offerings is forbidden. Discussion of a product’s relative advantages and disadvantages by users of the product is encouraged. Vendors may respond to questions about their products as long as the responses are not in the nature of advertising.
- It is not acceptable to use the Bevill State Community College Internet/Network access so as to interfere with or disrupt network users, services, or equipment. Disruptions include, but are not limited to, distribution of unsolicited advertising, propagation of computer worms and viruses, and using the network to make unauthorized entry to any other machine accessible via the network. No external

devices such as personal laptops, phones, iphones, external hard drives, PDA's, wireless access devices or any other devices without prior approval from Computer Services Department.

- It is assumed that information and resources accessible via Bevill State Community College Internet/Network access are private to the individuals and organizations which own or hold rights to those resources and information unless specifically stated otherwise by the owners or holders of rights. It is therefore not acceptable for an individual to use Bevill State Community College Internet access to access information or resources unless permission to do so has been granted by the owners or holders of rights. It is therefore not acceptable for an individual to use Bevill State Community College Internet/Network access to access information or resources unless permission to do so has been granted by the owners or holders of rights to those resources or information.
- Much of the information on the Internet belongs to somebody-somebody else. Much of this owned information can be freely downloaded, forwarded, recirculated, and used, so long as the appropriate ownership information and any other guidelines in them are followed. However, a sizable percentage of the information and files accessible through the Internet are not there for free, unrestrained reuse. For example, if one retrieves and uses shareware, such as from the many anonymous-FTP archive sites, that person is obligated to pay the indicated license fees, and respect the associated rules.
- The use of the network is a privilege which will be revoked at any time for abusive conduct. Such conduct would include, but not be limited to, placing of unlawful information on a system, the use of obscene, abusive, or otherwise objectionable language in either public or private messages, the sending of messages that are likely to result in the loss of recipients' work or systems, the sending of "chain letters" or "broadcast" messages to lists or individuals, and any other types of use which would cause congestion of the networks or otherwise interfere with the work of others.

Netiquette (Internet Etiquette)

- Be considerate in the use of computer and network resources. Avoid doing unnecessary activities during primary working hours that may slow down system response time, congest the network, or cause system crashes.
- Observe "posted rules" such as those displayed in login banners and in Appropriate Usage Policies, Terms & Conditions, etc. For example, requests to limit dial-up or telnet session times.
- Obey any commercial restrictions and considerations.
- Learn, understand and respect the organization's policies regarding personal use of Internet and other resources and services, such as personal use, time-of-day restrictions, etc. If necessary, get a private account on a public-access Internet account provider and private email account.
- Remember that the Internet is a very public shared resource. Be mindful of what you do in terms of not abusing resources or talking about private information.
- You are in public. Unless you are satisfied with the security surrounding your activities, never do or say anything you wouldn't be willing to see on the front page of tomorrow's newspaper or posted on the bulletin boards in the mailroom.
- Always bear in mind that you are representing Bevill State Community College as you use the Internet/Network.
- These terms and conditions supersede all previous representations, understandings or agreements and shall prevail notwithstanding any variance with terms and conditions of any order submitted.
- Use of the Bevill State Community College Internet access constitutes acceptance of the terms and conditions.

Social Media Policy

Social Media Policy

It shall be the policy of Bevill State Community College to use social media to educate, inform, and collaborate with its students, staff, faculty, stakeholders, and members of the communities it serves. Bevill State expects its employees and students to be honest, respectful, and transparent in their social media communication as they would be in person and to respect privacy, confidentiality, and copyright laws. Posted content on the college's social media sites should always be accurate, concise, student-oriented, sensitive to diverse audiences, and respectful of the college and its constituents. Individuals engaging in and communicating through official Bevill State social media outlets mustagree to respect the terms of the College's social media policy and must understand that Bevill State officials have the right to remove any content that is deemed offensive, profane, inappropriate, of a threatening nature, or can be construed as a defamation of character. Bevill State reserves the right to block any individual who violates these guidelines. Bevill State is not responsible for posts or comments made by visitors using its social media outlets. Abusive content posted by visitors to Bevill State's social media outlets should be reported to the Public Relations Office immediately. Concerns about any content posted on any official social media outlet of the College should also be reported to the Public Relations Office.

Because technology and terms associated with social media change and evolve continuously, this policy may be updated with additional guidelines related to the management and implantation of the College's social media efforts as needed. Such changes will be published as quickly as possible.

Employee Guidance for Institutional Social Media Bevill State Community College employees should understand that all postings through the College's social media are public and are expected to follow acceptable behavior and comply with Alabama law, Alabama Community College System policies, and policies outlined in the Bevill State Employee Handbook. The Bevill State Community College Public Relations Department is the primary administrator for the College's official website and social media outlets. Those who wish to contribute information, make suggestions for content, or request administration roles for the College's social media, should contact the Director of Public Relations. Anyone wishing to develop a social media presence representing the College should contact the Public Relations Department with these requests. The Public Relations Department will approve requests for specific social media accounts. Once approved, anyone requesting the social media account shall become responsible for its content development and future updates in accordance with the standards indicated by these guidelines. Approved social media pages should directly relate to College business, programs, and/or services and contain content that does not express individual opinions or causes which are not directly related to College business. Developing links with the College's official social media pages are encouraged.

Student Guidance For Participating In Social Media

All Students of Bevill State Community College should understand that all postings through the College's social media are public and are expected to follow acceptable behavior and comply with Alabama law, Alabama Community College System policies, and policies outlined in the Bevill State Student Handbook located in the College's Catalog.

Officially recognized student organizations are encouraged to develop a social media presence. Since these organizations are affiliated with the college, these social media activities should comply with all college policies found in the Catalog. College organizations seeking to have a social media presence should make a written request to the Dean of Students. The Dean of Students will approve requests. Maintenance and content development of the approved social media sites will be the responsibility of the student organizations.

Abusive content posted to Bevill State's social media outlets, or violations of the College's Social Media Policy should be reported immediately. Any student who believes that he or she has been treated unfairly or unjustly with regards to social media, should report it as outlined in the College's Student Grievance Policy.

Personnel

Personnel

Bevill State Community College is a part of the Alabama College System. The President of the College reports to the Chancellor of the System under the control of the Alabama Community College System Board of Trustees.

Mr. Jimmy Baker, Chancellor

ALABAMA COMMUNITY COLLEGE SYSTEM
BOARD OF TRUSTEES

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First District - Al Thompson

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COLLEGE ADMINISTRATION

ENNIS, KIM; PRESIDENT; A.S., Walker College; B.S., Birmingham-Southern College; M.A., Ph.D., University of Alabama at Birmingham.

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HOWTON, RUSSELL; DIRECTOR OF INSTITUTIONAL EFFECTIVENESS AND RESEARCH; A.S., Bevill State Community College; B.S., University of North Alabama; M.S., Ph.D., Mississippi State University.

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