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CATALOG RIGHTS

A student admitted to ATC is granted the right to complete programs as stated in the college catalog at the time of initial matriculation to the program if the student continuously earns credit each semester, not including summer terms. The maximum time for a student to maintain catalog rights is seven years.

Notice of Student Responsibility: Failure to read this publication does not excuse students from rules and procedures described herein. Personal factors, illness or contradictory advice from any source are not acceptable grounds for seeking exemption from these rules and procedures.

The college reserves the right to make changes in course requirements as long as the total number of credits required for completion of the program does not change. A student who must reapply for admission enters the college under the catalog in effect at the time of readmission.

NON-DISCRIMINATION DISCLOSURE STATEMENT

Aiken Technical College is an equal educational opportunity institution and does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. Aiken Technical College complies with Title IX of the Education Amendments of 1972, Titles VI and VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, Sections 503/504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 and the Vietnam Era Veterans Re-adjustment Assistance Act, as well as other applicable federal and state laws. The following individuals have been designated to handle inquiries regarding the college’s non-discrimination policies:

For employee inquiries, contact:

Ms. Sylvia Byrd  
Director of Human Resources  
Aiken Technical College  
P.O. Drawer 696  
Aiken, SC 29802  
(803) 508-7494

For student inquiries, contact:

Dr. S. Vinson Burdette  
Vice President of Academic and Student Affairs  
Aiken Technical College  
P.O. Drawer 696  
Aiken, SC 29802  
(803) 508-7244

or

Director, Office of Civil Rights  
Department of Education  
Washington, DC 20201

Aiken Technical 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 Aiken Technical College.

Aiken Technical College makes no claim that a particular course of study will guarantee a certain position of employment.

Aiken Technical College reserves the right to change admission requirements in any manner it deems necessary. The college also reserves the right to drop, add or change the arrangement of courses, curricula, academic standards or requirements for retention or graduation. Changes in regulations go into effect when announced by faculty or the administration. New regulations may govern both continuing and new students without actual notice to individual students. Information on changes will be available from your advisor or appropriate administrative offices and will be published in subsequent issues of the catalog.
2018 – 2019 ACADEMIC CALENDAR

Fall Semester 2018
Term 1 (full semester) .......... August 20 - December 3
Term 2 (half semester) ......... October 9 - December 3
August 20 .................... First Day of Classes for Term 1
September 3 ................... Labor Day - College Closed
October 9 ..................... First Day of Classes for Term 2
October 10 ..................... Midterm for Term 1
October 15-16 .................. Fall Break – No Classes
November 1 ..................... Midterm for Term 2
November 6 .................... Election Day - No Classes
November 21 ................... No Classes
November 22-23 .......... Thanksgiving Holidays – College Closed
December 3 ............ Last Day of Classes for Terms 1 and 2
December 4-10 ............... Final Exams
December 19 - January 1 ... Winter Break - College Closed

Spring Semester 2019
Term 1 (full semester) .......... January 9 - April 24
Term 2 (half semester) ......... February 26 - April 24
January 9 ..................... First Day of Classes for Term 1
January 21 ................... Dr. Martin Luther King, Jr. Day - College Closed
February 26 ................ First Day of Classes for Term 2
February 28 ................... Midterm for Term 1
March 8 .................... No Classes
March 20 ................... Midterm for Term 2
April 8-12 .................... Spring Break – No Classes
April 24 ...................... Last Day of Classes for Terms 1 and 2
April 25 - May 1 .............. Final Exams
May 7 ......................... Graduation

Summer Semester 2019
Term 1 (full semester) ............ May 13 - July 29
Term 2 (half semester) .......... June 10 - August 1
May 13 .................... First Day of Classes for Term 1
May 27 ....................... No Classes
June 10 ..................... First Day of Classes for Term 2
June 18 ....................... Midterm for Term 1
July 1-5 ....................... No Classes
July 4 ................ Independence Day Holiday – College Closed
July 10 ....................... Midterm for Term 2
July 29 ....................... Last Day of Classes for Term 1
July 30 – August 1 ......... Final Exams for Term 1
August 1 .................... Last Day of Classes for Term 2
"An investment in knowledge pays the best interest."
— Benjamin Franklin

Many of the most successful people and organizations are successful because they invest in what is important to them to achieve a greater goal.

At Aiken Technical College, our level of achievement is reflected by the success of our students. To help our students achieve their goals:

✓ we help create and maintain state-of-the-art facilities outfitted with industry-standard equipment to allow students to become familiar and proficient in environments similar to area industries;

✓ we employ instructors knowledgeable in their fields and staff members passionate about providing quality resources and services;

✓ we partner with businesses and industries to stay abreast of industry trends and needs and to provide students with learning experiences outside of the classroom;

✓ and most importantly, we encourage students to discover their full potential and walk with them every step of the way.

As the College implements its strategic plan, we will continue to challenge ourselves to meet the needs of our area business and industry, offer quality programs and services, and invest in our students as they travel along their journey to success.

Dr. Forest E. Mahan
President, Aiken Technical College
HISTORY OF AIKEN TECHNICAL COLLEGE

Classes for what is now Aiken Technical College began in temporary facilities in Aiken in the fall of 1972. One hundred and seventy-seven students enrolled in the first class of what was then the Aiken Technical Education Center. The current campus opened in the winter of 1973.

The original ATC campus consisted of three buildings constructed at a cost of $2.3 million — $800,000 provided by Aiken County and the remainder from federal education grants.

Founding President Ashley J. Little led ATC from its beginning as a vocationally based training center to its accreditation as a two-year technical college in 1975. The college’s name was changed to Aiken Technical College in 1977. President Little also presided over the campus’ second phase expansion, a $3.5 million addition of buildings, classrooms, laboratories and a greatly expanded library. President Little served ATC and the South Carolina Technical College system for 14 years before his retirement in 1984.

Dr. Paul L. Blowers became the second president of ATC in July 1984. During the decade that Dr. Blowers presided over the campus, ATC grew from 1,104 academic and continuing education students to more than 3,300 students. ATC also increased its course offerings, added two college transfer degrees and built a $3 million Student Activities Center financed by student fees. Dr. Blowers retired in 1994.

Dr. Kathleen A. Noble became the third president of ATC in June 1994. During her tenure, ATC added many allied health, business, and industrial management and safety courses and programs to its curriculum. The college also developed new partnerships that allowed ATC to provide around-the-clock training and educational services on plant sites. Dr. Noble was a major force in matching college services with areas of the community that might best take advantage of them. The college also broke ground on the $5.375 million, 40,000-square-foot Dale Phelon Information Technology Center during her tenure. Dr. Noble left ATC in 1999.

Dr. Susan A. Winsor became ATC’s fourth president September 1999 and retired in June 2016. During her tenure, she oversaw the construction of the Dale Phelon Information Technology Center that opened for classes in the fall of 2000. She also oversaw the construction of the $3 million, 30,000-square-foot CSRA Manufacturing and Technology Training Center that came online in the summer of 2001. When classes began in the fall of 2003, students and faculty welcomed the opening of a $7.6 million, 52,671-square-foot Health and Science Building.

Dr. Forest E. Mahan became the College’s fifth and current president in July 2016. He has served more than 20 years within the South Carolina Technical College System in various roles at two of ATC’s sister institutions prior to coming to ATC. Within the first two years of his leadership, Dr. Mahan has led the College through planning processes for a new strategic plan and master plan. These plans will help guide the College to its 50th anniversary in 2022.
Aiken Technical College dedicated its student commons in honor of Senator Tommy L. Moore in the spring of 2004, in recognition of his efforts to ensure that the Health and Science Building remained in the 1999 bond bill and that the Dale Phelon Information Technology Center remained in the 1997 bond bill.

The 700 Building came back online in January 2005 after extensive and complete renovation, and now provides students with an Academic Success Center and a testing center, as well as a revitalized campus amphitheater, which is often used for community meetings and events.

Renovations to freshen classrooms and offices in the Ashley J. Little Administration Building began in 2006 and were completed in 2008.

In the summer of 2012, ATC began renovations on a $1.5 million 6,090-square-foot Enrollment Services Center in the Ashley J. Little Administration Building. The center, which combined the college’s Admissions and Records, Financial Aid and Advising departments into one convenient location, came online in early 2013.

During the summer of 2014, the College broke ground for its new Center for Energy and Advanced Manufacturing. To fund the $8.5 million project, the College received a $2.6 million grant from the U.S. Economic Development Administration and $2.5 million from the S.C. state legislature to use along with $1.5 million of College funding.

The ATC Foundation also led a $2 million capital campaign, Putting Knowledge to Work. The funding sources combined allowed the facility to be completed without debt. The Center for Energy and Advanced Manufacturing was dedicated in Fall 2015.

More than four decades after its founding, ATC has grown into a multi-service, two-year comprehensive college offering numerous educational opportunities in university transfer, health, public service, business, industrial technology, engineering technology, nuclear technology and computer technology programs.
Aiken Technical College has an “open-door” admission policy, which means any adult citizen who can benefit from available learning opportunities can enroll. Students are placed into specific courses and programs of study based on their potential for success regarding the expected standards of performance.

All applicants must possess a high school diploma or its equivalent or they must be at least 18 years old to be considered for admission into curriculum programs and courses offered by the college. Eligible high school students who desire to enroll in one or more college courses concurrently with their high school classes may do so with the written authorization of their parent(s) or guardian(s) and high school guidance counselor.

Non-graduates and graduates of South Carolina high schools who have received a “certificate,” not a diploma, are strongly urged to return to their high school district to complete the diploma or GED. However, potential students who meet minimum scores on the college’s placement exam will be admitted to the college.

Applicants who require additional preparation for college-level work will be required to enroll in transitional education courses to develop the necessary basic skills in English, reading and mathematics or take classes through the Adult Education Office of the Aiken County School System.

The college reserves the right to refuse readmission to any applicant who has an unacceptable academic or conduct record. Individuals with financial obligations to the college must resolve these obligations before they will be allowed to register for classes.

All applicants must:

Complete and submit an application for admission online.

Complete the placement test, or submit acceptable SAT or ACT scores. The placement test may be waived for applicants possessing acceptable college work from regionally accredited colleges or universities. All applicants will be required to take the math portion of the placement test regardless of their math scores on the SAT. To exempt placement testing in math for ACT a student must have a math sub-score of at least 22.

Submit an official high school transcript. In order to ensure the validity of a student’s high school completion, official transcripts must be received in a sealed (closed) envelope and must note the graduation date. If it does not meet both of these criteria, then the transcript will be considered unofficial and the college will be unable to validate your graduation.

Transcripts are used for financial aid, academic advisement and other purposes. The transcript is required for admission purposes if the applicant is applying for a LIFE scholarship, or wishes to use the high school transcript to satisfy placement requirements. Applicants possessing a high school equivalency certificate (GED) or a diploma from an adult basic education program are asked to provide the Enrollment Services Center with documentation of successful GED completion.

Transcripts should be sent to:
Aiken Technical College
Enrollment Services Center
P.O. Drawer 696, Aiken, S.C. 29802

Transcripts can also be sent via secure Electronic Data Exchange or email directly from your high school to admissions@atc.edu.
PLACEMENT TESTS

Applicants are placed into specific courses based on successful previous college course work, SAT scores, ACT scores or the Aiken Technical College Placement Test (ACCUPLACER). Other admission tests and criteria may be required for admission to specific academic programs.

These special requirements are outlined in the Programs Of Study section of the catalog.

Applicants for curriculum programs must be assessed for course placement unless exempted.

Placement retests are $25 each. Students wishing to retest should visit the Enrollment Services Center for information about test registration and payment.

Course exemptions may be granted if an applicant meets one or more of the following criteria:

- The applicant has earned a grade of “C” or better in appropriate college-level English and college-level algebra courses taken at a regionally accredited college or university.
- The applicant has earned advanced placement credit for English and/or mathematics on CLEP and/or AP exams recognized by the college.
- The applicant has taken the Aiken Technical College Placement Test (Accuplacer).
- The applicant has earned an Associate’s degree or higher from a regionally accredited college or university (must include college-level English and algebra).

Students taking the placement test in the Test Center must present their Social Security number and a valid photo ID issued by Aiken Technical College or current city/state/federal government (such as driver’s license or passport) on which both your first and last names and photo appear.

Students with documented disabilities may request special placement testing accommodations to ensure optimum performance by contacting the Director of Counseling Services.

Enrollment Services Center
100/200 Building
Room 152
(803) 508-7263

REGISTRATION FOR CLASSES

Prior to registration, a student must meet with his/her advisor to discuss academic progress, select courses, and obtain approval for registration.

Registration for the next semester opens several months in advance. Students should check the MyATC portal and ATC e-mail for announcements regarding advising, registration, and other important dates.
RESIDENT STATUS

A legal resident of South Carolina is one who has his/her legal domicile in the state for a period of 12 months prior to the first day of the semester.

It is important that each applicant for admission and each enrolled student understand the regulations governing resident status and know his/her resident status for tuition and fee payment. A person incorrectly classified as a resident is subject to reclassification and payment of all non-resident fees.

If an incorrect classification results from false or concealed facts, a student may be charged tuition and fees retroactively at the out-of-state rate. Inquiries regarding residency status should be directed to the Enrollment Services Center.

Students may appeal their residency status by completing a Residency Reclassification Application and submitting all of the required documentation. The application and documentation must be submitted by the end of the add/drop period in which the reclassification is sought.

SC Illegal Immigration Act

Under South Carolina state law, the programs and services of Aiken Technical College are available to United States citizens and eligible, documented non-citizens. Each semester new students will be verified as eligible to participate in college programs and services. Additional information may be requested from students as a part of this process.

SPECIAL ADMISSION CATEGORIES

ATC Special Admission Students interested in any of ATC’s Health Sciences programs resulting in degrees, diplomas or certificates must go through a separate application process. Health Sciences program application are available on our website.

Many of these programs are highly selective. Students must meet additional requirements in order to qualify for admission.

Students wishing to go into Nursing and Allied Health must meet with an enrollment advisor. When applying to programs with selective admissions, students must provide an additional student copy of any and all college transcripts with their selective admissions application.

Note: Student copies must be requested during the current semester in which they are applying for a selective admissions program. Applications for selective programs are updated annually. Students should review current applications to see updated requirements.

Career Development Students

An applicant who is not pursuing an academic credential and desires to be admitted to take specific courses as a Career Development student must meet course prerequisites or have acquired an associate degree or higher from a regionally accredited college or university. If a student chooses to change to a regular program of study at a later date, placement tests may be necessary. Undecided students not selecting a specific program of study may be placed in Career Development status.

A Career Development student is not eligible for federal financial aid programs (e.g. Pell Grants), S.C. state financial aid programs, scholarships or veterans benefits.

High School/Home School Students

Students may want to start college while still attending high school or home school; a great way to get an early start on a college education.

To apply for dual and concurrent enrollment opportunities through Early Start: Dual Enrollment Program, please access the dual enrollment application on the College’s website.
International Students

In addition to meeting regular college and program admission requirements, international applicants must also meet the following requirements if an Immigration and Naturalization Form I-20 is required:

- Complete Admissions Application
- Complete International Student Fact Sheet
- Current Passport and any Visa (if applied for earlier)
- Submit required documents:
  - Academic Transcript and TOEFL Scores Requirements (Documents)
    - Academic transcripts need to be translated in English
    - High school transcripts indicating four years of secondary education (9-12)
    - College transcripts (must be in English)
    - Submit an official TOEFL Score- Minimum of 500 (paper version), 190 (computerized version) or 61 (internet based version)
    - ACT or SAT scores
  - Financial Requirements (Documents)
    - Submit a financial statement(s) minimum balance of at least one years’ cost of attendance $15,000.
    - “Affidavit of Support”—(BCIS form I-134)
    - Submit a certified check for tuition for the first academic year.
  - Health Insurance Requirements (Documents)
    - Proof of health insurance that insures coverage in the United States
    - Immunization record

Additional information about international admissions can be obtained from the Enrollment Services Center. An international student should begin the admission process at least six months prior to the semester for which he/she seeks admission.

Readmission/Readmitted Students

Former Aiken Technical College students who were not enrolled for the preceding two semesters (excluding the summer semester) and who wish to re-enroll must complete a new application for admission prior to re-entry. Students who have attended another college during the interim should ask that college to send an official transcript to the Enrollment Services Center.

Applicants for readmission must meet current admissions criteria (including testing and placement requirements) and are subject to any new graduation requirements in effect at the time of readmission.

Guest/Transient Students

A student already accepted or enrolled at another college may enroll as a transient/guest student at ATC in order to transfer credits back to the primary college.

The guest student should be advised by the primary college concerning recommended courses to be taken at ATC.

An applicant for transient/guest student status must submit an ATC Guest Student application. It is the responsibility of the guest student to request that an ATC transcript be sent to the primary college after completion of ATC courses.

Students will be registered by the Enrollment Services Center and will receive information via email regarding access to their student email account and WebAdvisor. They also are not eligible for financial aid.

Senior Citizens

Applicants who are at least 60 years of age and legal residents of South Carolina may enroll in classes on a space-available basis without paying tuition. These applicants must meet regular admission requirements, submit an application and pay all applicable fees other than tuition. Senior citizens who are employed full-time are not eligible for a tuition waiver. For more information about the enrollment process for Senior Citizens, contact the Enrollment Services Center.
TRANSFER STUDENTS

ATC applicants who have attended a regionally accredited college or university should request that all colleges previously attended send official transcripts directly to the ATC Enrollment Services Center.

These transcripts will be reviewed to determine whether the placement testing requirement will be waived and if transfer credit may be awarded. Unofficial transcripts are used only for admission purposes and are not evaluated. Transfer students are urged not to enroll in any course(s) for which transfer credit is being sought until the transfer question is resolved.

Students maybe asked to provide a course description or a course syllabus to determine transferability.

Transfer Credit

The Enrollment Services Center evaluates “official” college transcripts for transfer of credit for applicants and students. Official transcripts are sent directly from one college to another, presented in a sealed envelope from the previous college or sent via electronic data exchange. If the transcript is opened or is sent electronically to the student, it will not be considered official.

Students wishing to have courses evaluated that are not listed on our transfer guide should request an official transcript sent to the ATC Enrollment Services Center and send copies of course descriptions or course syllabus for courses they wish to have considered from the host college. The Enrollment Services Center will post the approved course(s) to the student’s transcript and notify the student which courses transfer.

The following criteria are used to determine acceptability of prior college course work for advanced standing:

✓ The final grade for the course(s) must be “C” or better.

✓ The course(s) must have been taken at a regionally accredited institution; if from a nonregionally accredited foreign post-secondary institution, the courses must have been recommended by the NACES-member external evaluation service.

✓ The course(s) must be applicable to the AA/AS or technical program in which the student plans to enroll in order for the course to be considered for graduation.

✓ The course(s) must be college-level; no course that is remedial/developmental/transitional in nature will be accepted.

✓ A major consideration in the evaluation of a course for transfer of credit is the equivalency of that course to an ATC course.

Appeals for transfer of credit should be made, in writing, to the Registrar or designee. Documentation such as course description and course syllabus will need to accompany the appeal.

Transfer Credit Limitation

A student must take and earn a minimum of 25 percent of credits required for graduation from a degree, diploma or certificate program of study at ATC.

Regardless of the comparability of courses and the number of courses successfully completed at other accredited post-secondary institutions, a student must successfully complete a minimum of three higher-level courses (as determined by the academic advisor) representative of the major program or discipline at ATC. The total of both courses accepted for transfer and courses exempted cannot exceed 75 percent of the credits required for completion of a program.

LIFE GPA: Transfer students are required to provide official high school and college transcripts for each institution attended. All college coursework attempted at another institution or while in high school will be calculated into the LIFE GPA formula. Students who wish to be considered for the LIFE Scholarship must request a LIFE GPA calculation by the Enrollment Services Center and complete a LIFE Scholarship Assessment Form.
Confidentiality of Records

Enrollment Services is authorized to release student information. This office adheres to the Family Educational Rights and Privacy Act (FERPA) regarding release of student information. A student who does not want directory information released should contact Enrollment Services and complete a form for non-release of directory information. Upon proof of dependency, parents or guardians may receive confidential information regarding their dependent student.

A student who wishes to request nondisclosure of the above items may submit a written request to the Enrollment Services Center. Please download the Directory Information Non-Disclosure Form and submit the completed form to the Enrollment Services Center.

Directory Information

The College may provide directory information in accordance with the provisions of the Act without the written consent of an eligible student, unless that student requests in writing that such information not be disclosed. The items listed below are designated as directory information and may be released on any student for any purpose at the discretion of the College unless a written request for non-disclosure is on file: name, address, e-mail, telephone number, dates of attendance, major field of study, awards, honors, degree(s) conferred and previous institution(s) attended, photographs, and video recordings.

A student who wishes to request nondisclosure of the above items may submit a written request to the Enrollment Services Center. Please download the Directory Information Non-Disclosure Form from the MyATC Portal and submit the completed form to the Enrollment Services Center. The College may not provide the parent of a student over eighteen years of age any information about the student’s progress without the explicit written consent of the student or a copy of IRS tax forms indicating the student is a dependent of the parent seeking such information.

Release of Student Information

The Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, describes the conditions under which information about a student can be released. It is the policy of Aiken Technical College to follow these guidelines to protect the privacy of students. The following student rights are covered by the Act and afforded to all eligible students of the College:

1. The right to inspect and review information in the student’s educational records.
2. The right to request amendment of the contents of the student’s educational records if believed to be inaccurate, misleading, or otherwise in violation of the student’s privacy or other rights.
3. The right to prevent disclosure without consent of personally identifiable information from the student’s records (with certain exceptions).
4. The right to secure a copy of the College’s policy.
5. Parents who can establish proof of dependency by presenting a copy of their tax return to the Registrar or designee may view the records of a dependent without the written consent of said dependent.

The right to file complaints with the U.S. Department of Education concerning alleged failures by the College to comply with the provisions of the Act. Each of these rights, with any limitations or exceptions, is explained in the College’s policy statement which may be obtained from the Enrollment Services Office.

ATC Transcripts

A student can request their official transcript from ATC by visiting the Request an Official Transcript link located on the Student Resources page of the ATC website. Students will need to follow that link in order to request an official transcript from our e-transcript provider, Parchment. Please be aware that Parchment requires a minimum fee of $5.00 per transcript, with additional fees added for requests that require postage and delivery.

ATC provides all official transcripts through an electronic transcript request system. The electronic transcript system allows students to electronically send their transcripts to postsecondary institutions, employers, military, and other entities at their request quickly, securely, and fully compliant with FERPA standards. Students can also have their official transcript mailed for additional fees and shipping. Parchment will accept payment only by debit or credit card.

Any student who has an outstanding obligation (financial or other) to Aiken Technical College will have all academic records frozen and will not be released until all obligations are fulfilled.
Aiken Technical College will disclose personally identifiable information (PII) from a student’s education records only when the eligible student has provided written consent to the College with the following exceptions:

A

To school officials who have a legitimate educational interest in the records and have a need to know. A school official is:

✓ A person employed by the College in an administrative, supervisory, academic, or support staff position, including student employees.

✓ A person employed by or under contract to the College to perform a special task, such as the attorney or auditor.

B

Authorized representatives of the following government entities, if the disclosures is in connection with an audit or evaluation of federal or state supported education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs:

✓ Comptroller General of the U.S.

✓ Secretary of Education

✓ U.S. Attorney General

✓ State and local educational authorities

C

Agents acting on behalf of the institution (contractors, consultants)

D

Schools in which the student seeks or intends to enroll.

E

* A party, such as the Department of Veteran’s Affairs or an employer, providing financial aid to the student.

F

* Organizations conducting studies for or on behalf of educational institutions.

G

* Accrediting organizations for accrediting purposes.

H

Appropriate parties if a health or safety emergency exists and the information will assist in resolving the emergency.

I

* An alleged victim of a crime of violence when the disclosure is the results of a disciplinary hearing regarding the alleged perpetrator of that crime with respect to that crime.

J

The Department of Homeland Security, Immigration and Customs Enforcement for purpose of complying with Request Form ICE relative to the institution’s participation in SEVIS.

K

Military recruiters who request “Student Recruiting Information” for recruiting purposes only.

L

* The Internal Revenue Service, for purposes of complying with the Taxpayer Relief Act of 1997.

M

Anyone, when the disclosure concerns information provided by sex offenders required to register under state or federal law.

N

Parents of dependent students.

O

Parents when their student (under 21) is found to have violated the alcohol or drug policy of the institution.

P

To comply with judicial order or subpoena, including ex parte orders under the USA Patriot Act.

* Additional conditions may exist. Contact the Enrollment Services Office for additional details.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Verification of Grades/GPA

A student who needs to verify grades/GPA for automobile insurance, company reimbursement of tuition, or other purposes should contact Enrollment Services.

Enrollment Certification

Enrollment Services certifies a student’s enrollment for previous loans (through the National Student Loan Clearinghouse), parental insurance coverage, Department of Social Services requirements, employment and other purposes. Verification should be available the third week of class. Verification Letters are available through the “Clearinghouse Self Service” link in the ATC Portal. Forms that must be completed by the College will be available at the front desk in the Enrollment Services Center for student pick-up. Forms that are left for one month will be destroyed.

Graduation

A student who plans to graduate should obtain a graduation application from Enrollment Services. The form must be completed by the student’s academic advisor, signed by the student and submitted to Enrollment Services according to the specified due dates.

Personal Information Changes

The Enrollment Services Center makes an official name change on a student’s records only through a student’s written request to the Enrollment Services Center. Official documentation must accompany the name change form. Official documentation is considered to be one of the following: social security card, marriage license, driver’s license, divorce decree, or court order. Please download the Personal Information Change Form from the MyATC Portal and submit the completed form to the Enrollment Services Center (Room 152). This office also handles requests for residency changes for tuition purposes.
TRANSFER STATEWIDE POLICIES AND PROCEDURES

The South Carolina Commission on Higher Education (CHE) has established transfer policies and procedures which all public institutions must follow.

Obtaining Course Transfer Information
Course transfer information and services are available through ATC’s Enrollment Services Center. Anyone interested in obtaining course transfer information may contact the Enrollment Services Center by phone at (803) 508-7263.

Courses Approved for Transfer
Under the Statewide Articulation Agreement, technical college courses may be transferable to public senior institutions. The courses listed on Transferable Courses page in this catalog are approved for transfer. Consult the Course Descriptions section to determine which courses are offered at ATC.

A student enrolled in a program other than Associate in Arts or Associate in Science should consult the department chair of his or her program of study or the chair’s designee for questions concerning transfer of courses into that program’s curriculum. For further information regarding transfer, students may access the Commission on Higher Education’s web site at www.che.sc.gov or Aiken Technical College’s web site.

Admissions Criteria, Course Grades, GPAs and Validations
All four-year public institutions will issue a transfer guide annually in August or maintain such a guide online. Information published in transfer guides will cover at least the following items:

✔ The institution’s definition of a transfer student.
✔ Requirements for admission both to the institution and, if more selective, requirements for admission to particular programs.
✔ Institutional and, if more selective, programmatic maximums of course credits allowable in transfer.
✔ Information about course equivalencies and transfer agreements.
✔ Limitations placed by the institution or its programs for acceptance of standardized examinations (e.g., SAT, ACT) taken more than a given time ago, for academic coursework taken elsewhere, for coursework repeated due to failure, for coursework taken at another institution while the student is academically suspended at his/her home institution, and so forth.
✔ Information about institutional procedures used to calculate student applicants’ GPAs for transfer admission. Such procedures will describe how nonstandard grades (withdrawal, withdrawal failing, repeated course, etc.) are evaluated; and they will also describe whether all coursework taken prior to transfer or only coursework deemed appropriate to the student’s intended four-year program of study is calculated for purposes of admission to the institution and/or programmatic major.
✔ Institutional policies related to “academic bankruptcy” (i.e., removing an entire transcript or parts thereof from a failed or underachieving record after a period of years has passed) so that re-entry into the four-year institution with course credit earned in the interim elsewhere is done without regard to the student’s earlier record.
✔ “Residency requirements” for the minimum number of hours required to be earned at the institution for the degree.
South Carolina Transfer and Articulation Center (SCTRAC)

All two- and four-year public institutions will publish information related to course articulation and transfer on the South Carolina Transfer and Articulation Center website (www.SCTRAC.org). Course equivalency information listing all courses accepted from each institution in the state and their respective course equivalencies will be made available on www.SCTRAC.org. This course equivalency information will be updated as equivalencies are added or changed and will be reviewed annually for accuracy. Additionally, articulation agreements between public South Carolina institutions of higher education will be made available on www.SCTRAC.org, will be updated as articulation agreements are added or changed, and will be reviewed annually for accuracy. All other transfer information published on www.SCTRAC.org will be reviewed at least annually and updated as needed.

Statewide Articulation of 86 Courses

The Statewide Articulation Agreement of 86 courses approved by the South Carolina Commission on Higher Education for transfer from two- to four-year public institutions is applicable to all public institutions, including two-year institutions and institutions within the same system. In instances where an institution does not have courses synonymous to ones on this list, it will identify comparable courses or course categories for acceptance of general education courses on the statewide list. This list of courses is available online at www.che.sc.gov as well as on www.SCTRAC.org.

Statewide Transfer Blocks

The Statewide Transfer Blocks established in 1996 will be accepted in their totality toward meeting baccalaureate degree requirements at all four-year public institutions in relevant four-year degree programs. Several Transfer Blocks were updated in March 2009: Arts, Humanities, and Social Sciences; Business; Engineering; and Science and Mathematics. Transfer Blocks for Teacher Education were updated in July 2010. Transfer Blocks for Nursing were updated in July 2012. The courses listed in each Transfer Block will be reviewed periodically by the Commission’s Academic Affairs staff in consultation with the Advisory Committee on Academic Programs to ensure their accuracy, and the Transfer Blocks will be updated as needed.

For the Nursing Transfer Block, by statewide agreement, at least 60 semester hours will be accepted by any public four-year institution toward the baccalaureate completion program (BSN) from graduates of any South Carolina public associate degree program in nursing (ADN), provided that the program is accredited by the ACEN (Accreditation Commission for Education in Nursing) and that the graduate has successfully passed the National Licensure Examination (NCLEX) and is a currently licensed Registered Nurse.

Any student who has completed either an Associate of Arts or Associate of Science degree program at any public two-year South Carolina institution that contains the total coursework found in the Arts, Humanities, and Social Sciences or the Science and Mathematics Transfer Block will automatically be entitled to junior-level status or its equivalent at whatever public senior institution to which the student might have been admitted. However, as agreed by the Advisory Committee on Academic Programs, junior status applies only to campus activities such as priority order for registration for courses, residence hall assignments, parking, athletic event tickets, etc. and not in calculating academic degree credits.

For a complete listing of all courses in each Transfer Block, see www.che.sc.gov/InstitutionsEducators/AcademicPolicies,Programs/AcademicTransferArticulation.aspx

Assurance of Transferability of Coursework Covered by the Transfer Policy

ATC Transferability Coursework (i.e., individual courses, transfer blocks, and statewide agreements) covered within this transfer policy will be transferable if the student has completed the coursework with a “C” grade (2.0 on a 4.0 scale) or above. However, the transfer of grades does not relieve the student of the obligation to meet any GPA requirements or other admissions requirements of the institution or program to which application has been made. In addition, any four-year institution which has institutional or programmatic admissions requirements for transfer students with cumulative grade point averages (GPAs) higher than 2.0 on a 4.0 scale will apply such entrance requirements equally to transfer students from regionally accredited South Carolina public institutions regardless of whether students are transferring from a four-year or two-year institution.

Any coursework covered within this transfer policy will be transferable to any public institution without any additional fee and without any further encumbrance such as a “validation examination,” “placement examination/instrument,” “verification instrument,” or any other stricture, notwithstanding any institutional or system policy, procedure, or regulation to the contrary.

Assurance of Quality

All claims from any public two- or four-year institution challenging the effective preparation of any other public institution’s coursework for transfer purposes will be evaluated by the staff of the Commission on Higher Education in consultation with the Advisory Committee on Academic Programs. After these claims are evaluated, appropriate measures will be taken to ensure that the quality of the coursework has been reviewed and approved on a timely basis by sending and receiving institutions alike.
Transfer Officers
Each institution will provide the contact information for the institution’s Transfer Office personnel, including telephone numbers, office address, and e-mail address, on its website and on www.SCTRAC.org. Transfer office personnel will:

✓ Provide information and other appropriate support for students considering transfer and recent transfers.
✓ Serve as a clearinghouse for information on issues of transfer in the state of South Carolina.
✓ Provide definitive institutional rulings on transfer questions for the institution’s students under these procedures.
✓ Work closely with feeder institutions to assure ease in transfer for their students.

Statewide Publication and Distribution of Information on Transfer
The staff of the Commission on Higher Education will place this document on the Commission’s website under the title “Transfer Policies.” In addition, information about transfer, including institutional policies, course equivalencies, and articulation agreements, will be published and distributed by all public institutions through transfer guides and be made available on www.SCTRAC.org. Furthermore, course catalogs for each public two-and four-year institution will contain a section entitled “Transfer: State Policies and Procedures.” This section will:

✓ Include the “Transfer Policy for Public Two-Year and Four-Year Institutions in South Carolina.”
✓ Refer interested parties to www.SCTRAC.org as well as to the institutional Transfer Guide and institutional and Commission on Higher Education’s websites for further information regarding transfer.

FINANCIAL AID

Statement of Good Practice
The Financial Aid Office adheres to the National Association of Student Financial Aid Administrators’ Statement of Good Practice in the administration of all programs and in the disclosure of information to other parties.

Family Education Rights and Privacy Act (FERPA)
A student has the right to inspect and review his/her financial aid records. Such information may not be disclosed to others, including parents or guardians, without written consent. A form authorizing a parent or others to review student financial aid is available in the Enrollment Services Center, and online on the Financial Aid Forms page.

Please refer to the Records Services page for further FERPA information.

Communication and Award Notices
The Financial Aid Office’s (FAO) communication with students is through the MyATC Portal and campus e-mail accounts. These resources are accessible through the ATC web site. It is the student’s responsibility to view these resources regularly.

Principles of Financial Aid
A student who has a satisfactory academic record and is in need of aid may qualify for financial assistance. Although the primary responsibility for financing an education remains with a student and his/her family, ATC participates in several programs designed to supplement the family contribution in order to meet the financial need of the student. Financial aid may consist of a grant, a scholarship, campus employment, a loan, or any combination of these as determined by the policies of the FAO.

The primary principles of administering financial aid programs are as follows:

1. Financial aid is designed to provide financial help to students who need additional resources to pursue their education and career objectives.
2. It is viewed only as supplementary to the efforts of the student and/or family.
3. It may take the form of a job, grant, scholarship, loan, or a combination of any of these.
4. It is based upon the student’s ability to make satisfactory academic progress according to the college’s Financial Aid Standards of Satisfactory Academic Progress (SAP), and
5. Financial aid can be reviewed, adjusted and/or canceled at any time due to changes in funding levels and the financial or the academic status of the student as determined by the FAO.

To determine whether or not a student is eligible for federal student financial aid programs, the student and his or her family must complete the Free Application for Federal Student Aid (FAFSA) and submit all documents requested by the ATC FAO prior to the financial aid priority deadlines for timely consideration. Financial aid is not automatically renewable. The FAFSA must be submitted each year and should be completed on-line at www.fafsa.gov. A student, as well as one parent of a dependent student, must obtain an FSA ID in order to electronically sign the FAFSA.
A student applying and completing his/her financial aid file after the financial aid priority deadline should prepare to pay for the cost of tuition, fees, books and supplies or enroll in a payment plan. If a student is deemed eligible after payment has been made, he or she will be reimbursed based on financial aid eligibility.

To participate in federal student financial aid programs, ATC is required by federal regulations to maintain a financial aid office that coordinates the delivery to students of all funds from all sources. Students who receive aid in addition to federal, state, and/or institutional student financial aid are required to report the amount and source to the FAO.

**Determination of Financial Need**

ATC’s financial aid programs assist students who have financial need as determined by the Department of Education’s federal processor. One of the principles behind need-based aid is that students and their families should pay for educational expenses to the extent they are able. Financial need exists if the resources of the family (expected family contribution or EFC) does not meet the total cost of attendance at the college.

The cost of attendance (student budget) is an estimate of the total costs a student incurs as a full-time student for the nine-month academic period. These costs include tuition, fees, books, supplies, room, board, personal and transportation expenses. Listed below is an estimated sample budget for the 2018-2019 nine-month academic year.

**AIKEN COUNTY RESIDENT**

<table>
<thead>
<tr>
<th></th>
<th>Living with a Parent</th>
<th>All Others</th>
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</thead>
<tbody>
<tr>
<td><strong>TUITION &amp; FEES</strong>*</td>
<td>$4,656</td>
<td>$4,656</td>
</tr>
<tr>
<td>BOOKS/SUPPLIES</td>
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<td>$1,000</td>
</tr>
<tr>
<td>ROOM &amp; BOARD</td>
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<tr>
<td>PERSONAL</td>
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<td>$1,144</td>
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<tr>
<td>TRANSPORTATION</td>
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<td>$2,200</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>$12,600</strong></td>
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**OUT-OF-COUNTY RESIDENT**

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<th></th>
<th>Living with a Parent</th>
<th>All Others</th>
</tr>
</thead>
<tbody>
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<td><strong>TUITION &amp; FEES</strong>*</td>
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</tr>
<tr>
<td>BOOKS/SUPPLIES</td>
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<tr>
<td>ROOM &amp; BOARD</td>
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<tr>
<td>PERSONAL</td>
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</tr>
<tr>
<td>TRANSPORTATION</td>
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<td>$2,200</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$11,200</strong></td>
<td><strong>$13,000</strong></td>
</tr>
</tbody>
</table>

\* Estimated: Tuition and fees are subject to change each year.

\** Estimated: Richmond/Columbia counties include the same components of Aiken County resident with the exception of tuition and fees, which are $4,686, and Out-of-State Resident includes the same components of Aiken County Residents with the exception of tuition and fees which are $6,852.

**Title IV Student Eligibility Requirements**

A student must meet the following eligibility requirements to receive federal assistance:

- Have financial need as determined through the completion of the FAFSA (except for Federal Unsubsidized Direct Loan funding).
- Be enrolled or accepted for enrollment in an eligible program of study offering a certificate, diploma, or degree. Continuing education and career development are not eligible programs.
- Be a regular student (transient students are not eligible).
- Have a high school diploma, GED, or earned 6 hours of college level course work prior to fall 2012.
- Be a U.S. citizen or eligible non-citizen.
- Be registered with Selective Service (males only).
- Not owe a repayment of a Title IV grant aid such as Pell, FSEOG, ACG, or Smart Grant.
- Maintain Title IV satisfactory academic progress.
- Not be concurrently enrolled in an elementary or secondary school.
- Have a valid social security number.
- Not be in default.

**Eligible Programs/Courses and Enrollment Status**

A student should only enroll for those courses required for their specific program of study. Title IV aid will not pay for courses outside of the student’s required curriculum unless those courses have been pre-approved by the advisor as a course substitution. Proper documentation must be on record in the Enrollment Services Center.

The original award letter is based on full-time enrollment for the academic year. A student who is not full-time will have his or her award prorated based on the actual hours enrolled and attended. Full-time status consists of enrollment in a minimum of 12 credit hours. Three-quarter time status consists of 9 to 11 credit hours; half-time status is 6 to 8 credit hours; and less than half-time status is 1 to 5 credit hours. For example, a student who is awarded a Pell Grant for $2,000 for full-time enrollment but only attends three-quarter time, will receive $1,500 rather than $2,000. If that student enrolls half-time, he/she will receive $1,000; or if enrolled less than half-time $500.
**Attendance Requirements**

Attendance is required to receive aid. A student receiving federal financial aid (PELL, FSEOG and Direct Loans) earns aid based on the number days he/she attends class(es). A recipient that fully withdraws from the college before 60% of the term (approximately 9 weeks) is completed will have his/her aid recalculated based on the number of days attended. A student withdrawing prior to the completion of the ninth week of class(es) will likely owe the college and/or the applicable federal aid program(s). A student receiving state financial aid (SC-LTAP, SCNB, SC-CAPS, LIFE) and institutional scholarships earns his/her entitlement based on attendance through the first week of class. The amount of the award will possibly be affected should the student fully or partially drop from classes during the first week of classes.

**Return of Financial Aid**

A student’s federal financial aid eligibility must be recalculated for students who withdraw, drop out, are dismissed or take a leave of absence prior to completing 60% of a semester. Federal financial aid includes the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant (FSEOG), and the Federal Direct Loan Program.

The recalculation of eligibility is based on the percent of earned aid using the following formula:

\[
\text{The number of days attended in the semester divided by the total number of days in the semester.}
\]

Federal financial aid must be returned to the federal government based on the percent of unearned aid using the following formula:

\[
\text{The percent of earned aid multiplied by the amount of federal financial aid disbursed.}
\]

The amount of aid to be returned is the responsibility of the college and the student. However, the student will be responsible for repaying the college for the amount that the college was required to return on his or her behalf. Therefore, a student who does not complete at least 60% of a semester may owe the college and/or the federal government for the amount of unearned federal financial aid.

A student who owes the college may not be permitted to register for a subsequent term or obtain an official academic transcript until the debt is paid. Payment should be made to the ATC Cashier’s Office. Delinquent accounts become subject to the College’s collections procedures.

A student who owes the federal government will be turned over to the U.S. Department of Education and be required to provide documentation of a satisfactory payment arrangement before federal or state financial aid eligibility is restored for college attendance at ATC or elsewhere.

**How You Receive Your Assistance**

A student who applies and completes his/her financial aid file on time and is eligible for financial aid will have direct educational expenses of tuition and fees deducted from the assistance that has been awarded (excluding Federal Work Study awards.) The student has the option to have their books and supplies purchased in the ATC Bookstore deducted from their award as well. The Cashier’s Office will issue a refund through BankMobile for any remaining financial aid funds in approximately 7 to 8 weeks after the beginning of the term.

A student whose financial aid is not approved in time for fee payment must plan to pay for their educational expenses out-of-pocket or through the Deferred Tuition Payment Plan. The student will be reimbursed by the Business Office through BankMobile based on his/her enrollment status and eligibility once financial aid is processed.

A student who receives a federal work-study award and obtains employment through this program is paid once a month by direct deposit for hours worked during the previous month.

**Drops, Withdrawals and Courseload Changes**

**DROPS:** If a student registers for a class and decides not to remain enrolled, the student must officially drop the course by the end of the add/drop period to be eligible for a refund of tuition. Financial aid cannot pay for a class that a student has dropped or failed to attend.

**WITHDRAWALS:** If a student registers for a class and attends past the add/drop period, the student will be charged applicable tuition and fees. If the student withdraws from a class, the student may no longer be entitled to his/her Direct Loan funding. Also, if the student is a federal aid, (PELL, FSEOG, or Direct Loan) recipient and withdraws from all classes prior to the end of the ninth week of classes, the student may owe the college and the applicable federal aid program(s).

**COURSELOAD CHANGES:** The student is required to notify the Financial Aid Office (FAO) of any course load adjustments. The FAO will adjust the financial aid award accordingly. If the student does not notify the FAO, he/she may owe money to the college and/or the applicable federal aid program(s) once the adjustment is made.
Transfer and Guest Student Status
Financial aid awards cannot be transferred from one college to another. Students transferring to ATC must request the results of a previously processed FAFSA to be released to ATC. This can be done by calling the Federal Processor at 1-800-4FEDAID and requesting that our institution be added, or by making a correction to your processed FAFSA online at www.fafsa.gov. ATC’s Title IV school code is 010056.

A student classified as a guest student can only receive financial aid from his/her home institution. A student who attends more than one college in the same enrollment period cannot receive financial aid from both institutions. Financial aid can only be disbursed by the home institution where the student is seeking a degree.

Early Start: Dual Enrollment Program
High school students who have been approved to participate in a dual enrollment program can receive S.C. Lottery Tuition Assistance. For more information, refer to the SC-LTAP section listed under the Types of Financial Aid section.

Repeating Courses
A student can receive financial aid for repeated coursework only under certain circumstances. A course that has been successfully completed can be repeated only one additional time. Courses that are not completed successfully can be repeated multiple times until successfully completed. However, course repeats will be counted towards a student’s Maximum Time Frame as discussed in the following section.

Satisfactory Academic Progress (SAP)
A student wishing to receive financial assistance through a federal or state program must be making satisfactory academic progress toward a degree, diploma or certificate. The Financial Aid Office monitors the progress of all students receiving financial aid to ensure that they are making satisfactory academic progress toward completion of their program in a reasonable period of time. This policy is in addition to the academic standards required by the college. The cumulative review determines the student’s eligibility for financial assistance based on his/her academic history. Whether the student has received financial assistance previously is not a factor in determining eligibility.

Completion Rate
A student must satisfactorily complete at least 67 percent of the total credit hours attempted at ATC. Grades of F, W, WF, U, and NC are not considered satisfactory; however, they are considered as attempted credit hours and may hurt a student’s eligibility for future terms.

Grade Point Average (GPA)
A student must maintain a minimum 2.0 cumulative GPA.

Length of Eligibility, i.e. Maximum Time Frame (MTF)
A student may receive financial aid at Aiken Technical College for up to 150% of the published program length. For example, a student enrolled in a 60 credit hour program is eligible until 90 credit hours are attempted. Transfer hours will be included when assessing the MTF. A student repeating a course will have the repeat counted in determining MTF.

Program Changes
A student is allowed to make a reasonable number of program of study changes before completing a degree, diploma or certificate when receiving financial aid. Excessive program changes may result in suspension of financial aid. A student changing from one program into a different program with fewer total required credit hours may lose federal and state eligibility immediately upon making this change. A student considering a change of program should consult with the FAO to discuss the effect of a change on SAP.

Transitional Studies Course Work
Financial aid recipients may take a maximum of 10 transitional courses including Math and Reading, Writing and Reasoning (RWR). These courses count toward hours attempted and will be considered in determining SAP.

Warning
At the end of each semester, a student’s academic record is evaluated to determine if the student is meeting Title IV Standards of Academic Progress (SAP). A student who is not meeting SAP will be placed on Warning. While under a Warning Status, the student will still receive financial aid; however, if the student fails to meet SAP in the subsequent semester attended, the student will be placed on Financial Aid Suspension.

Probation
A student that is not meeting SAP will be placed on Financial Aid Suspension. The student will have an opportunity to appeal based on unusual or mitigating circumstances. If the appeal is approved, the student’s aid will be reinstated with conditions and the student will be placed on Probation. The student will remain in a probationary status as long as the conditions are being met.
Suspension

After a warning semester, a student who is not meeting SAP will have his/her aid suspended. A student may petition to have his/her aid re-established by submitting a letter of appeal with supporting documentation to the Enrollment Services Center.

A student who has attempted the maximum number of transitional and/or prerequisite courses, maximum number of credit hours allowed for their program of study or has made an excessive number of program of study changes is automatically placed on financial aid suspension.

Each student is notified via student e-mail when placed on Financial Aid Warning, Probation, or Suspension. A student's financial aid and academic standings are also reflected in the student's portal account. It remains the responsibility of the student to be aware of his/her academic standing. A student that is allowed to return on academic probation through the Enrollment Services Center is not automatically eligible for financial aid.

Appeals

Appeals are accepted for students who have been placed on financial aid suspension due to completion rate, grade point average and/or maximum time frame. Appeals are not accepted for exceeding the maximum transitional and/or prerequisite courses. Appeal forms are available on the financial aid forms page of the ATC web site. The appeal should explain the reason(s) why the student is not meeting the minimum standards of academic progress, how the situation has changed, what steps will be taken to ensure that the standards will be met in the future, and should include supporting documentation. Appeals concerning Maximum Time Frame must also include a written Academic Plan and a graduation date from the student's enrollment or faculty advisor. A graduation application may also be required. Appeals that are approved will reinstate a student's financial aid in a probationary status with academic conditions. As long as the student meets the conditions of the reinstatement they will continue to receive financial aid.
Grants

FEDERAL PELL GRANT
The Federal Pell Grant is a student aid program that provides grants for students attending college who have not previously received a baccalaureate degree. Eligibility is based on the student’s and/or family’s resources and determined by a formula developed by the U.S. Department of Education. Federal eligibility requirements are discussed in the Student Eligibility Requirements Section of this catalog. Awards are made up to $6,095 per academic year for full-time enrollment. Awards are prorated based on a student’s enrollment status. Completion of the FAFSA is required to receive Federal Pell Grant funds.

A Pell eligible student is generally awarded half of his/her allocation for the fall and half for the spring. A student that attends during a summer term can receive Pell Grant funds if enrolled at least half-time.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)
The FSEOG program is a federal student aid program from which a student can receive up to $4,000 each year depending on their financial need, the availability of these funds and the amount of other aid received. To qualify for this program, the student must meet all federal eligibility requirements as discussed in the Student Eligibility Requirements section of this catalog and enroll for at least 3 credit hours. The average award for an ATC student is $350 per semester. Completion of the FAFSA is required to receive FSEOG funds and a student must be Pell-eligible.

SOUTH CAROLINA NEED-BASED GRANT (SCNB)
The SCNB Grant program is designed to provide financial assistance to South Carolina’s neediest students. The grant assists students who wish to attend public colleges or universities in the state of South Carolina.

To be eligible, a student must be a:
1. S.C. resident as determined by the Enrollment Services Center
2. enrolled in at least six credit hours
3. have a minimum cumulative GPA of 2.0
4. meet federal eligibility requirements as listed in the Student Eligibility Requirements section of this catalog

Awards are made each year depending on financial need, the availability of funds and the amount of other aid received. The average award for an ATC student is $400 per semester. Recipients of this program will be required to complete and return to the Enrollment Services Center a signed SCNB Grant Affidavit prior to disbursement of funds. Completion of the FAFSA is required.

SOUTH CAROLINA LOTTERY TUITION ASSISTANCE PROGRAM (SC-LTAP)
The SC-LTAP is funded by the state of South Carolina. To be eligible for this program, the student must be a South Carolina resident as determined by the Enrollment Services Center and enroll in at least six credit hours.

To qualify for this program, the student must complete the FAFSA and meet federal eligibility requirements as listed in the Student Eligibility Requirements section of this catalog. However, high school students enrolled in a dual enrollment program, students who have a bachelor’s degree, or students enrolled in certain ATC programs ineligible for federal aid can complete the FAFSA Waiver Form to apply. This form is available in the forms section on the financial aid web page.

The SC-LTAP program is designed to assist in payment of a student’s tuition. It cannot be used to pay for books, supplies, lab fees or other items. It can only be used to receive one certificate, diploma or associate degree unless the student is progressing in the same program of study. A five-year waiting period will be required before the student can receive the SC-LTAP Program for an additional certificate, diploma or associate degree. Please visit the SC State Technical College System website at: www.sctechsystem.edu for more detailed information.
South Carolina National Guard College Assistance Program (SCNG-CAPS)
The SCNG-CAPS is designed to assist members of the SC National Guard with educational expenses toward a one-year certificate or two-year associate degree. Maximum funding is $4,500 for South Carolina National Guard and $9,000 for SC Air National Guard per academic year not to exceed the cost of attendance. Award allocations are prorated based on enrollment. To be eligible, a student must be a member in good standing with the active National Guard, U.S. citizen or eligible non-citizen, enrolled at least part-time as a degree seeking student, and maintain Title IV Standards of Academic Progress. A student who has exceeded 130 semester hours, earned a bachelor’s degree, earned a one-year certificate or two-year associate degree, or receives a full Reserve Officers’ Training Corps Scholarship cannot receive funds from this program. To apply, a student must annually complete and submit the SCNG-CAP application to the National Guard between June 1 and August 1 of each year. Any Applications submitted after the August 1 deadline will not be accepted.

Loans

TOWN & COUNTRY BOOK LOAN
Aiken County students that do not have enough financial aid resources to cover their cost of books and supplies can apply for a Town & Country Loan. The maximum loan amount is $300. This is a loan that must be repaid within the semester that it is borrowed. Town & Country Loan Applications are available in the Enrollment Services Center.

FEDERAL DIRECT LOAN
The Federal Direct Stafford Loan Program is designed to assist students with their cost of education. Unlike a grant, a loan must be paid back. Aiken Technical College offers a vast number of free aid programs and we encourage students to seek all free aid resources before considering loans.

To qualify for a Direct Loan students must meet the following requirements:

- ✔ Meet Title IV Satisfactory Academic Progress (SAP)
- ✔ Enroll in at least 6 credit hours
- ✔ Enroll in an eligible program
- ✔ Not be in default or in a Title IV overpayment status on any federal aid program

ATC FEDERAL DIRECT LOAN APPLICATION PROCESS

1. Complete the Free Application for Federal Student Aid (FAFSA). Be sure to list ATC’s school code: 010056 on the application.

2. Submit all requested documentation to the Financial Aid Office (FAO).

3. Once your file is processed, you will receive an e-mail instructing you to view your award letter on the MyATC Portal. Should you be ineligible for any financial aid, you will receive an e-mail informing you of your options.

4. Apply for a loan through Financial Aid Self-Service or complete a summer paper form.

5. If you are a first time student borrower, you must complete a Master Promissory Note (MPN) at www.StudentLoans.gov. The MPN is a legally binding agreement to repay your loan to the Department of Education and is good for 10 years.

6. If you are a first time student borrower, you must complete the online entrance loan counseling at www.StudentLoans.gov.

7. A new award letter reflecting the student loan award will be issued. You must accept this award letter before the funds will be available for tuition payment purposes or for purchases in the ATC Bookstore.

8. You will receive disbursement information from the Department of Education.

9. Loan funds accepted after initial refunds are issued will be disbursed through BankMobile in about two weeks.
New ATC student borrowers must complete the following items to apply for a Federal Direct Loan.

- Free Application for Federal Student Aid at www.fafsa.gov
- Loan Request through financial aid Self-Service or summer paper form
- Master Promissory Note (MPN) at www.StudentLoans.gov
- Entrance Loan Counseling at www.StudentLoans.gov

Returning ATC student borrowers must complete the following items to apply for a Direct Stafford Loan:

- Free Application for Federal Student Aid at www.fafsa.gov
- Loan request through financial aid Self-Service or summer paper form

Scholarships

Scholarships are offered through a variety of sources with a variety of eligibility requirements. Students can receive scholarships in addition to federal and state aid. However, the total of all scholarships and financial aid received cannot exceed the cost of attendance as determined by the ATC FAO.

INSTITUTIONAL SCHOLARSHIPS

The ATC Foundation awards scholarships to students who have demonstrated outstanding academic achievement in high school or college level course work. Some scholarships are based on general academic achievement, while others are based on potential in specific academic areas. Students are selected during the spring semester for scholarships to be awarded for the following academic year. A listing of the scholarships offered and their eligibility requirements are listed online at www.atc.edu/foundation. Completion of an ATC Foundation Scholarship Application and the FAFSA is necessary to be considered for one of the college’s scholarships. Applications for ATC Scholarships are accepted from November 1 until March 1 for awarding the following fall semester.

STATE LEGISLATIVE INCENTIVE FOR FUTURE EXCELLENCE (LIFE) SCHOLARSHIP

The LIFE Scholarship is an academic scholarship funded by the state of South Carolina and all applicants must meet the following criteria:

- Must be a legal resident of South Carolina
- Must be U. S. Citizen or a permanent resident
- Must have:
  - Graduated from a high school located in the state of South Carolina
  - OR-
  - Graduated from a home school program in SC in the manner required by law
- Must attend an eligible SC public or private college or university
- Must have no felony convictions or any alcohol or other drug related misdemeanors
- Must not be a SC HOPE Scholarship, Palmetto Fellows Scholarship or Lottery Tuition Assistance recipient
- Must not be in default nor owe a refund or repayment on any Federal or State financial aid program

LIFE GPA: Continuing and transfer students are required to provide official high school and college transcripts from each institution attended. All college coursework attempted at another institution or while in high school will be calculated into the LIFE GPA formula after the first year of LIFE receipt.

Students who wish to be considered for the LIFE Scholarship should complete the LIFE Assessment Form and submit it to the ATC Enrollment Services Center to expedite awarding.

To determine if you will need to attend the summer semester in order to remain eligible for a LIFE scholarship, it is recommended that a LIFE GPA calculation be requested from the registrar prior to each summer session.

Additional Criteria for Entering Freshmen

- 3.0 cumulative grade point average (GPA) at the time of high school graduation
- Enroll in 12 or more non-remedial credit hours per semester (15 recommended)

Additional Criteria for Continuing Students

- Complete a minimum of 30 non-remedial credit hours during the previous academic year (including summer) with a cumulative collegiate GPA of 3.0 or greater
- Enroll in 12 or more non-remedial credit hours per semester (15 recommended)

Additional Criteria for Transferring Students

- Complete a minimum of 30 non-remedial credit hours during the previous academic year from all previously attended institutions with a minimum cumulative collegiate GPA of 3.0
- Enroll in 12 or more non-remedial credit hours per semester (15 recommended)
- Submit official transcripts from all post-secondary institutions attended to the Enrollment Service Center
Renewal Criteria
In order to retain eligibility for the LIFE Scholarship after the initial year, the student must:

- Enroll full-time (12 or more credit hours) during the period of scholarship disbursement
- Earn and maintain at least a cumulative 3.0 GPA on a 4.0 scale
- Earn 30 non-remedial credit hours by the end of the academic year, including summer
- Enroll in an associate degree program

The LIFE Scholarship cannot be used for continuing education or transitional courses. Transitional courses begin with zero and are numbered 0 to 99. A student who must take transitional classes and cannot receive the LIFE Scholarship will have the LIFE Scholarship available for the next semester if the student is enrolled in a minimum of 12 non-transitional credits at that time.

The student can receive the LIFE Scholarship for two semesters if enrolled in a one-year program or for four semesters if enrolled in a two-year associate program.

Funding for the LIFE Scholarship is contingent upon state approval each year. These guidelines may not be inclusive of all eligibility requirements and are subject to change.

For more information regarding the LIFE Scholarship and LIFE GPA calculation, visit the SC Commission on Higher Education’s Web site at: www.che.sc.gov

Other Assistance

TECHNICAL SCHOLARS PROGRAM
Sponsorships cover all college tuition, fees, textbooks and provide paid part-time jobs for selected students. Students applying for these sponsorships must be fully accepted into a technical associate degree, meet application criteria, and agree to complete all potential employer’s interviews and required screenings.

Sponsoring employers make the final decision on who is offered a sponsorship based upon their needs and the applicant’s qualifications. Students interested in the Technical Scholars Program should contact Patsy Fields at (803) 508-7278 or Shareffa Harris at (803) 508-7420 in room 1014 of the ITC building.

VOCATIONAL REHABILITATION
A student with a documented disability or impairment may be eligible for assistance through their county vocational rehabilitation office. The vocational rehabilitation office will require completion of a Form 135. In addition, the student must apply for federal financial aid by completing the FAFSA before being considered for this assistance. Residents of Aiken, Edgefield and Barnwell Counties in South Carolina may call (803) 641-7630 or visit the South Carolina web site at www.scvrd.net for more information. Residents of Burke, Columbia, Jefferson, Richmond Counties in Georgia, may call (706) 650-5600 or visit the Georgia web site at gvs.georgia.gov for more information.

Persons seeking accommodations in the classroom should contact Richard Weldon by calling (803) 508-7382.

FREE TUITION FOR CHILDREN OF CERTAIN SOUTH CAROLINA WAR VETERANS
A child of a deceased or permanently disabled wartime veteran may be eligible for this benefit. The program waives tuition only and does not cover books and fees. Eligibility and application information may be obtained at va.sc.gov/documents/ftapp.pdf or for additional information, contact the South Carolina Division of Veterans Affairs Office at (803) 647-2434.
Veterans Assistance

Aiken Technical College is approved for veterans’ benefits by the South Carolina Commission on Higher Education Veteran’s Education Division for training veterans, service members and dependents under Title 38 of the US Code of Federal Regulations and reservists under Title 10 of the US Code of Federal Regulations.

APPLICATION FOR BENEFITS

The Department of Veterans Affairs (DVA) determines eligibility including the amount and dates of payment for all VA Education benefits. To apply for benefits, the veteran or family member must first be accepted into an approved program of study and complete the following:

- ✓ Apply for VA education benefits online at www.gibill.va.gov
- ✓ Complete the VA Intake Packet
- ✓ Meet with the Veterans Enrollment Services Advisor
- ✓ Provide official transcripts for all colleges previously attended

An evaluation of all college and military transcripts must be completed by the end of the second semester of enrollment and by the first semester of a program change. VA Education Benefits cannot be extended beyond two semesters until the evaluation process has been completed.

It is the student’s responsibility to make sure that all transcripts are received and an evaluation of all transcripts have been completed. Information related to transcript evaluation can be obtained from the Enrollment Services Center.

ELIGIBLE PROGRAMS/COURSES AND ENROLLMENT STATUS

Students receiving VA education benefits should enroll only for courses that satisfy requirements outlined for their program of study. The Department of Veterans Affairs will not pay for excessive free electives and courses outside of the student’s required curriculum unless such courses have been pre-approved by the advisor for graduation and proper documentation is on file in the Enrollment Services Center.

DROPS, WITHDRAWALS AND COURSE LOAD CHANGES

DROPS: If a student registers for a class and decides not to remain enrolled, the student must officially drop the course by the end of the add/drop period to be eligible for a refund of tuition. The VA does not pay for classes that a student has dropped or failed to attend.

WITHDRAWALS: Students enrolled past the add/drop period will be charged tuition and fees accordingly. A withdrawal from one or more classes could result into a reduction in benefits or no longer eligible for benefits and may create an overpayment with the VA and an outstanding balance with the College.

COURSE LOAD CHANGES: Students are required to notify the VA advisor/certifying official, and the Department of Veterans Affairs of any course load adjustments. The certifying official will adjust the course load accordingly with the VA. If a student fails to notify the VA advisor or certifying official in a timely manner, he/she may result in an overpayment with the VA and may incur a debt with the College once the adjustment is made.

TRANSITIONAL STUDIES COURSE WORK

VA recipients may take a maximum of 10 transitional courses such as Math, Reading, Writing and Reasoning (RWR).

ATTENDANCE REQUIREMENTS

Attendance is required to receive monthly benefit and to be successful in class. Failure to attend classes could result into an administrative withdrawal. An administrative withdrawal can be imposed by the instructor if a student fails to attend class without a documented excuse or have exceeded the number of allowed absences.

Please be aware that a reduction in credit hours that have been certified for payment whether the drop or withdrawal is initiated by the student or an instructor will generate an overpayment with the VA.

For more information on attendance, see the Attendance Requirements for Satisfactory Progress section of the catalog.

CONDITIONS FOR INTERRUPTION OF VETERANS BENEFITS

At the end of each semester, a student’s academic record is evaluated to determine if the student is meeting the College’s Standards of Progress. To remain in good standing, a student enrolled in regular curriculum classes must maintain a 2.0 grade point average (GPA) as outlined in the Standards of Progress – Satisfactory Academic Progress section of the College’s catalog.

All students receiving VA education benefits must meet and maintain satisfactory progress towards graduation. Failure to do so will result in being placed on warning, probation, and eventually suspension or dismissal. Suspensions and dismissals will result in an interruption or termination of VA educational benefits. Unsatisfactory Progress such as probations, suspensions and dismissals are reported to the Department of Veterans Affairs.

GRADING PROCEDURES FOR VETERANS

In 1976, Congress amended the “G.I. Bill” to encourage veterans to move toward the attainment of their educational career goals. The law provides that no payment will be made to an eligible veteran for auditing a course or taking a course in which the grade assigned is not used in computing graduation requirements.
The following rules apply to those who receive veterans’ benefits:

1. The “I” grade is a non-punitive grade as defined by the Veterans Administration. The grade is not permanent and carries only a message of a temporary condition that will change to a letter grade of A, B, C, D or F.

2. In the event that the veteran receives an “I” at the end of a semester, he/she must accomplish further work in the course at his/her own expense without government reimbursement.

3. A veteran cannot be certified for an “AU,” “E,” or “NC” grade.

4. A veteran cannot be certified for any course not listed in his/her curriculum. If electives are listed as part of the curriculum, the veteran must not exceed the total number of elective hours designated by the program. A veteran must take only electives that are listed as approved electives or electives that have been approved in writing by the department head.

5. A veteran cannot be certified for transitional or prerequisite courses that do not count toward graduation without written verification of test results indicating a need for such courses.

VETERANS CHANGE OF STATUS

Students receiving VA benefits must notify the VA Enrollment Services Advisor or the VA Certifying Official immediately of any changes that may affect his/her pay status. Such changes include a change of program, change of classes, and change of address. Students can obtain the necessary forms and instructions from the VA Enrollment Services Advisor or VA Certifying Official.

Additional information on VA benefits may be obtained by calling the Enrollment Services Center at (803) 508-7263 or the Department of Veterans Affairs at 888-442-4551.
## Tuition and Fees

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Late Registration Fee (Begins 1st day of class) ............ 25.00
Exemption Exam (per exam) .................................... 30.00
Reprocessing Fee ........................................... 30.00

**Part-time tuition, instructional per credit hour**

- Aiken County Resident ........................................ 179.00
- South Carolina Resident not Aiken .......................... 194.00
- Richmond and Columbia counties, GA ....................... 179.00
- Other Georgia counties ..................................... 267.00
- Out-of-State/Foreign ........................................ 267.00
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<td>105.00</td>
<td>488.00</td>
<td></td>
</tr>
</tbody>
</table>
A student must pay all tuition and fees in full before the beginning of each semester, prior to the first day of classes. Deferred tuition payment plans are available. A copy of the terms and conditions may be obtained at the Cashier Office.

Residents of Richmond, GA and Columbia, GA counties pay Aiken County tuition plus a $15 reciprocity fee. Tuition and fees for auditing a class are the same as for credit classes.

A full-time student is enrolled in 12 or more credit hours per semester.

Some classes require lab fees in addition to tuition, technology, and enrollment fees.

### LAB FEES

<table>
<thead>
<tr>
<th>AR Code</th>
<th>Description</th>
<th>Charge Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>APCAL</td>
<td>Advanced Patient Care Asst.</td>
<td>35.00</td>
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<tr>
<td>ACCLB</td>
<td>Accounting Lab Fee</td>
<td>25.00</td>
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<tr>
<td>ACRLB</td>
<td>Air Cond Lab Fees</td>
<td>60.00</td>
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<tr>
<td>AUTLB</td>
<td>Auto Lab Fees</td>
<td>35.00</td>
</tr>
<tr>
<td>BIOLB</td>
<td>Biology Lab Fees</td>
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<tr>
<td>CHMLB</td>
<td>Chemistry Lab Fees</td>
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<td>CNLAB</td>
<td>Certified Nursing Asst Lab Fee</td>
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<tr>
<td>CP160</td>
<td>Computer Pgm CPT160 Vectoor G</td>
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<td>CP293</td>
<td>Computer Pgm 293 Adv. Media Ap</td>
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<td>CP295</td>
<td>Computer Pgm 295 Desktop Pub</td>
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<td>Criminal Justice Lab Fee</td>
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<td>DATLB</td>
<td>Dental Lab Fees</td>
<td>55.00</td>
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<td>ECDLB</td>
<td>Early Childhood Lab Fee</td>
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<td>MNTLB</td>
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<td>MTTLB</td>
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<tr>
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<tr>
<td>NURLB</td>
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<tr>
<td>NURT1</td>
<td>Nursing Test Fee Stu Last Sem.</td>
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<tr>
<td>PARAM</td>
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<tr>
<td>PHMLB</td>
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<tr>
<td>PLBLB</td>
<td>Phelbotomy Lab Fee</td>
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<td>PHYSI</td>
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<td>PNRLB</td>
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<td>RADLB</td>
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<td>WLDLB</td>
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<tr>
<td>WWLAB</td>
<td>Tower Installation Lab Fee</td>
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### NON-REFUNDABLE FEES

<table>
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<tr>
<th>Class</th>
<th>Fee</th>
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<tr>
<td>Enrollment/Activity Fee</td>
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<tr>
<td>Late Registration Fee</td>
<td>$25.00 (begins first day of term)</td>
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<tr>
<td>Exemption Exam</td>
<td>$30.00 (per exam)</td>
</tr>
<tr>
<td>Reprocessing Fee</td>
<td>$30.00 (reinstated in class(es) after being dropped for non-payment)</td>
</tr>
</tbody>
</table>

Any student presenting a check to ATC that is returned by the bank will be charged a $30 processing fee. The student must then pay all fees and collection charges to the 2nd Circuit Solicitor’s Worthless Check Unit, located at 1930 University Parkway, Suite 1500, Aiken, S.C. 29801, phone # (803) 648-8637.

For more information on tuition and fees, contact the Cashier’s Office at (803) 508-7503 or stop by Monday - Thursday 8 a.m. - 6 p.m., Friday 8 a.m. - 1 p.m.
TUITION AND FEES

STUDENT REFUND POLICY

The College will provide a 100 percent tuition and fee refund (includes administrative fees) for students who delete classes before classes begin. In addition, the College will provide a 100 percent tuition refund (excludes administrative fees) for students who drop classes during the add/drop period (usually the first five instructional days for a full term and the first two instructional days for a mini-term). Once the add/drop period has expired, the College will not process a refund for students enrolled in classes. For more information, please contact the Enrollment Services Center at (803) 508-7263.

To view our required disclosures and contract with BankMobile, a Division of Customer Bank, visit www.atc.edu/Offices/Bursar/Refunds.

Title IV Student Aid

A Title IV-sponsored student “earns” aid by successfully attending class. The aid is not fully earned until the ninth week of class is completed. Refunds are consistent with ordinary refund policies, but may result in a student owing the College or the federal government if they withdraw prior to the completion of the ninth week. A student who never attends a class is ineligible for aid for that class.

Should the College cancel a class, the College refunds the full tuition with no action required by the student.

A student who elects to request an exemption exam for course(s) after the add/drop date is not eligible for a refund since a grade will be issued.

When a withdrawal results in the student taking fewer than 12 credit hours, the College recalculates tuition based upon the remaining credit hours. The difference between the tuition after withdrawal and the original charge is the basis for calculating any refund.

The College refunds full tuition and fees for the current term to the beneficiary of any student who dies while enrolled as a credit student.

Should a specified calendar refund date fall on a Saturday, a Sunday or a holiday on which the College’s administrative offices are closed, the applicable calendar day will be the first calendar day the administrative offices are open for business after the Saturday, Sunday or holiday.

Continuing Education Fees

Visit the Training and Business Development page on the website.

Veterans Administration Benefits

A student receiving Veterans Administration benefits while enrolled in a non-degree program receives a prorata refund of tuition and refundable fees calculated on the number of class days attended.

Refunds Due To Academic Suspension

A student who has paid tuition and non-refundable fees for an upcoming term and is subsequently placed on academic suspension for that term receives 100 percent refund of tuition and fees paid.

STUDENT REFUND POLICY FOR MILITARY ACTIVATION

The following became law June 24, 2002:

1. When any person is activated for full-time military service during a time of national crisis and, therefore, is required to cease attending a public institution of higher learning without completing and receiving a grade in one or more courses, the assistance provided in this section is required with regard to courses not completed. A complete refund of tuition and academic fees as are assessed against all students at the institution shall be granted to the student. The refund shall be distributed proportionately to the student after considering other resources received by the student for paying tuition and fee charges. The proportionate distribution shall take into account the appropriate federal and state regulations governing resources received by the student. Students must be offered the maximum price, based on condition, for the textbooks associated with the courses.

2. When a student is required to cease attendance because of such military activation without completing and receiving a grade in one or more courses, the institution shall provide a reasonable opportunity for completion of the courses after deactivation.
English Fluency Requirements
ATC maintains procedures to ensure that all permanent and adjunct faculty possess adequate proficiency in both written and spoken English. The college will respond appropriately to student concerns regarding an instructor’s English fluency. Students should address any concerns about English fluency to an Enrollment Advisor in the Enrollment Services Center.

General Educational Development (GED)
Although the college does not provide testing for the GED or a program for GED students, a student who wishes to prepare to take the General Educational Development (GED) Test to receive a high school equivalency certificate may take classes in writing, reading and math. Day and evening classes are available. To receive a GED, the interested parties should contact the Adult Basic Education Office within their local public school district.

Health Services and First Aid
ATC is a commuter campus, therefore, the college provides only basic first aid for minor injuries. However, the college will assist a student who becomes ill in securing transportation home or to a doctor or hospital.

Student Conduct
The Student Handbook section of this catalog contains the Student Code and the Student Grievance Procedure. It is the responsibility of all students to be aware of their rights and responsibilities while attending ATC.

A student may be dismissed for aggravated or repeated violations of student regulations. A student dismissed because of his/her conduct may be readmitted only upon the recommendation of the Vice President of Academic & Student Affairs and the approval of the college President.

Drug Free Campus Policy
The South Carolina Technical College System prohibits the unlawful manufacture, distribution, dispensation, possession or use of alcohol, narcotics, drugs or other controlled substances at the workplace and in the educational setting. Unlawful use for these purposes is defined as a violation of federal/state/local regulations, policy, procedures, rules and legal statutes.

Educational setting includes both institutional premises and approved educational sites off campus. Students may be suspended or dismissed from the college for violations of this policy. For the complete policy, see the Drug & Alcohol Policy in the Student Handbook section.
The ATC Student Honor Code represents a standard of conduct to which each student should aspire: “As a member of the Aiken Technical College community, I am committed to the ideal and practice of honorable behavior. I will conduct myself in a civil manner, respect the rights and property of others, and support the College’s values and educational mission. I will maintain personal and academic integrity in all aspects of campus life. I recognize the dignity of all individuals and will respect and learn from the ideas represented in our collective diversity. I will uphold the Aiken Technical College standard of excellence.”

Student Insurance
A group policy paid by ATC from student fees provides accident insurance for all registered students. Students are insured while on college premises during scheduled class days and on college-sponsored activities and trips. Coverage does not extend to students attending athletics events as spectators or attending other social activities.

Student Parking
All vehicles on campus must display a current ATC parking permit. Parking permits are valid for the duration of the student’s stay at ATC. Students should obtain permanent and temporary permits during registration or later through the Enrollment Services Center. Students must provide a valid student ID when requesting a parking permit. Permits must be clearly visible and may not be altered. Temporary decals may be obtained in the Enrollment Services Center for students driving a different vehicle on a temporary basis. At no time may an enrolled student park in visitor or faculty parking spaces. Unpaid traffic fines double five working days from issuance. Grades, transcripts and registration privileges will be withheld until all parking fines are paid. For all information on parking regulations and fines, refer to the Campus Safety page on the ATC website.

Telephone Calls
ATC cannot provide for the receipt or delivery of personal messages, flowers, etc. Classes will not be interrupted for this purpose.

Should a family emergency occur such as death, serious illness or serious injury, Enrollment Services staff or Campus Security will attempt to notify the student of the situation.

Tobacco Products
The use of tobacco products is prohibited on the ATC campus. Banned products include, but are not limited to: cigarettes, electronic cigarettes of all types, cigars, pipes and smokeless tobacco. (ATC policy 2-3-106 and 2-3-106.1)

Visitors
Visitors not attending a specific ATC function must check in with the Enrollment Services Center upon their arrival on campus. Students may not take visitors to class with them except with special administrative approval. Under no circumstances should children of students be allowed to enter classrooms or be left unattended on campus. No pets except service animals are allowed on campus. Owners of service animals must make prior arrangements for their animals to accompany them to class.
ACADEMIC SUPPORT SERVICES

Bookstore
The ATC Bookstore, located in the Gregg-Graniteville Student Activities Center, carries textbooks and materials to support all classes offered by the college.

BOOKSTORE HOURS

<table>
<thead>
<tr>
<th>Days</th>
<th>Rush Hours</th>
<th>Normal Hours</th>
</tr>
</thead>
<tbody>
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<td>MONDAY-THURSDAY</td>
<td>9:00 a.m. - 5:00 p.m.</td>
<td>9:00 a.m. - 5:00 p.m.</td>
</tr>
<tr>
<td>FRIDAY</td>
<td>9:00 a.m. - 1:00 p.m.</td>
<td>Closed</td>
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</table>

In addition to textbooks and other school supplies, the bookstore offers a large selection of ATC sportswear.

Textbook ISBN numbers and prices are listed on our website at bookstore.atc.edu.

RETURNS

ACADEMIC TEXTBOOKS: 6 calendar days after start of class, a copy of the student’s class schedule is required when returning textbooks.

NON-TEXTBOOK MERCHANDISE: 10 calendar days from date of purchase, a receipt is required when returning merchandise.

NO RETURNS ON: Reference items, clearance items, print credits, special orders or perishable items.

An original cash register receipt must be presented to the bookstore as proof of purchase on all items. Returned textbooks must be in their original shrink-wrap for return. Textbooks must be in their original condition, free from markings or damage of any manner. Store personnel decisions are final on the condition of the return. Software, multimedia products and electronics are refundable in their original, unopened packaging only.

REFUNDS

If you paid by check, a check refund form must be completed. A refund check will be processed and mailed from the ATC Business Office. If you paid by credit card, your return will be credited back to your credit card account. If you paid by a sponsor voucher or Pell Grant, the return will be credited to the sponsor or Pell.

PRINT CREDITS

Print credits may be purchased in any dollar amount from the bookstore and may be used for library and classroom printing. The bookstore accepts cash and financial aid payments for print credits. Must have a picture ID. Print credits may also be purchased online through the MyATC Portal using a credit card.

BOOK BUYBACK

IN-STORE BOOK BUYBACK: A national wholesale vendor will conduct a book buyback in accordance with the academic calendar scheduling for final exams at the end of each semester. This vendor is available on campus at the end of each term. All books are eligible to receive a wholesale value as determined by the wholesale vendor. Buyback value is determined by the wholesale company and based on the national demand for a title. Not all books have a buyback value.

ONLINE BOOK BUYBACK: Online book buyback is available through MBS on the ATC Bookstore page on the ATC website. This option will be available to students and others when the in-store buyback is not in session.
Online Learning

Aiken Technical College offers a variety of online and hybrid courses. Courses considered to be online are 100% online with no face-to-face meetings, while those that are hybrid are a mix of online and face-to-face work, typically 50/50. While online courses are not place sensitive, occasionally, they may be time sensitive or students may be allowed access to instruction at any time of the day or night. Because instructors and classmates are not physically present, students who take online classes must be strong, independent learners.

More information about online learning is provided in the Online Learning section of the college’s web site. This area also lists hybrid/online course offerings for each semester.

Enrollment procedures are usually, but not always, the same for online and hybrid learning courses as they are for traditional courses. Contact your advisor for information about distance learning courses offered in your program of study.

Library and Learning Resources Center

The ATC Library serves students, faculty, staff and residents of the college’s service area. It contains a collection of more than 55,000 items including books, magazines, journals, newspapers, DVDs, CDs, audiobooks, and online databases.

The library supports the academic, technical and job training programs of the college.

The Library and Learning Resources Center has areas for study and research, private group study rooms, two fully equipped computer labs, articulated & disarticulated skeletons, anatomy models, and television & DVD players. The Library also has the STEAM Room, a Makerspace available for students to use to learn and create on their own.

Two copiers are available in the library, which are also used for printing.

Students must present a valid photo ID to check out materials in the library. Students can check out materials from any other South Carolina college or university library through the PASCAL consortium. Overdue book fines are 25 cents per day for regular two-week loan items.

A limited number of textbooks are available through the ATC Foundation PAGE program. These books are for Library Use Only.

Reference and Research Assistance

- Full library services to Online and Dually enrolled students
- Online databases available off campus
- Subject Guides for all credit programs

Computerized Library Technology

- 78 Computers with Internet access and Microsoft Office
- Wireless internet access

LIBRARY HOURS

<table>
<thead>
<tr>
<th>Days</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY-THURSDAY</td>
<td>7:30 a.m. - 8:00 p.m.</td>
</tr>
<tr>
<td>FRIDAY</td>
<td>7:30 a.m. - 4:00 p.m.</td>
</tr>
<tr>
<td>SATURDAY &amp; SUNDAY</td>
<td>Closed</td>
</tr>
</tbody>
</table>

Variations for holidays, break sessions, and exam periods are posted in the library in advance.

*Computer Use Statement

Student computer workstations are reserved for the express purpose of providing access to computer programs and the Internet, and are not to be used to store a student’s personal or course work information. Unless an instructor has given specific instructions, a student’s personal or class work files must be stored on portable media such as a USB storage device or diskette.

Unauthorized stored files, including those saved on a hard drive, may be deleted without prior notice. The college assumes no liability for the loss of unauthorized stored files.

According to ATC Computer Ethics Procedure (4-4-108.2), the college reserves the right to monitor, manage, and control the usage of computer resources and to make changes in these procedures without prior notice to users. The following is a partial list of the kinds of uses that could subject users to penalties by the college or an outside authority:

- Harassment (unwanted communication)
- Sexual harassment (including accessing pornographic sites offensive to others)
- Violation of another’s privacy
- Destruction of equipment or software
- Violation of computer security system
- Unauthorized use of accounts or access codes
- Attempts to capture or break passwords
- Violation of copyright or software agreements (especially downloading multimedia or other documents)
Academic dishonesty (plagiarizing or purchasing online assignments)

Violation of college policy or local, state or federal law

Criminal, unethical, or dishonest usage: “spamming,” “spoofing,” etc

Using computing facilities for personal gain without contractual agreement with the college

Changing computer settings, such as removing, altering, or installing software, wall paper or screen savers unless instructed to do so as a part of a class, etc.

Student violation of the above may result in the following disciplinary actions initiated by the Vice President of Academic & Student Affairs:

- Verbal warning (usually first offense);
- The assignment of ten (10) hours of Community Service completed within two weeks; or
- Immediate suspension from ATC classes (administrative withdrawal without refund) if the disciplinary action is not completed or the offense warrants immediate action by the college.

RETENTION ALERT

The college’s Retention Alert Program is designed to support student success. Instructors utilize Retention Alert to refer students who face academic or personal challenges in relation to class performance. Examples include frequent absences, poor performance on assignments or tests, or a number of other issues.

Through Retention Alert, students are referred to the Academic Success Center, Counseling Services, the Enrollment Services Center, or other student services.

TEACHING AND TECHNOLOGY CENTER

The Teaching and Technology Center (TTC) provides faculty with support for curriculum and instructional development, as well as course delivery in face-to-face, online, and hybrid learning environments. See the Online Learning section of the College’s website for information on student support for online courses.

TEST CENTER

The Test Center provides a quiet, supervised environment where students can take make-up tests. The testing coordinator administers make-up tests, placement tests and a variety of continuing education and skills certification tests. Students must present a current ATC student ID or a valid government issued picture ID.

### TEST CENTER HOURS

<table>
<thead>
<tr>
<th>Days</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY &amp; THURSDAY</td>
<td>8:00 a.m. - 6:00 p.m.</td>
</tr>
<tr>
<td>TUESDAY &amp; WEDNESDAY</td>
<td>8:00 a.m. - 5:00 p.m.</td>
</tr>
<tr>
<td>FRIDAY</td>
<td>9:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>SATURDAY</td>
<td>9:00 a.m. - 1:30 p.m.</td>
</tr>
<tr>
<td>SUNDAY</td>
<td>Closed</td>
</tr>
</tbody>
</table>

### TUTORING SERVICES

The Academic Success Center (ASC) offers free services to currently enrolled ATC students who need academic tutoring, writing assistance, college success skills training or basic computer assistance. Our goal is to provide friendly, student-oriented support services to enhance learning.

Tutoring services are an integral part of the ASC. Peer tutors, faculty, and professionally qualified graduates provide tutorial assistance to students through open labs, individual and group tutoring, and in various classes.

The ASC offers daily walk-in tutoring for all levels of English and math. Appointments are also available for specific subjects such as:

- Biology
- Accounting
- Chemistry
- Nursing
- Compass Test Prep
- TEAS test

For a complete list of subjects offered, please contact the ASC.

In addition to walk-in services and appointments, the ASC offers all levels of English and math tutoring online, in the evenings. Students can access online tutoring through the MyATCPortal.

The ASC also offers coaching sessions to students. Student Success Coaches provide assistance to students in areas such as time management, note-taking, study skills, and overall college success strategies.

For more information on tutoring services or to schedule an appointment, please contact the ASC at:

- Phone: (803) 508-7482
- Room: 770
- E-mail: success@atc.edu
Career Development and Employment Services

CAREER DEVELOPMENT SERVICES
The college’s Office of Enrollment Services provides prospective and enrolled students with a range of career planning services designed to help students choose a career path. Utilizing various assessment instruments, career exploration resources, and educational program information, counselors help students establish career goals. ATC encourages all students to utilize career services resources.

Career services include consultation on résumé and cover letter development and job search strategies.

Counseling Services
The mission of Counseling Services is to support students by empowering them to address barriers to success. ATC maintains a staff of professional counselors who are available both day and evening to counsel any student confidentially regarding academic, professional, personal or social concerns. Counseling Services staff members also provide assistance for students affected by emergency situations. A student can meet with a counselor on a walk-in basis or by making an appointment.

Orientation
There are several types of orientation available to a student entering ATC. Entering students meet with an enrollment advisor at the point of acceptance to the college. The meeting provides an explanation of placement test scores and information about placement. The meeting also provides students with basic information concerning getting started in college, including policies about transfer, conduct rules, refunds, advanced standing and academic standards. Information will also be provided about academic advising, financial aid opportunities, tutoring and campus safety and locations of key services. In addition, each semester ATC offers a credit course titled College Skills (COL 103). This class provides a student with the resources needed to develop learning strategies, self-management skills, enhance test-taking skills and explore career opportunities. Finally, the college offers a New Student Orientation to provide students and their families with an overview of the college’s programs, an introduction to student support services, a chance to meet program faculty, and an opportunity to tour the college.

Protected Health Information

RELEASE OF STUDENT INFORMATION
The Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, describes the conditions under which information about a student can be released. It is the policy of Aiken Technical College to follow these guidelines to protect the privacy of students.

The following student rights are covered by the Act and afforded to all eligible students of the college:

1. The right to inspect and review information in the student’s educational records.
2. The right to request amendment of the contents of the student’s educational records if believed to be inaccurate, misleading, or otherwise in violation of the student’s privacy or other rights.
3. The right to prevent disclosure without consent of personally identifiable information from the student’s records (with certain exceptions).
4. The right to secure a copy of the college’s policy.
5. Parents who can establish proof of dependency by presenting a copy of their tax return to the Director of Intake Services or designee may view the records of a dependent without the written consent of said dependent.
6. The right to file complaints with the U.S. Department of Education concerning alleged failures by the college to comply with the provisions of the Act.

Each of these rights, with any limitations or exceptions, is explained in the college’s policy statement which may be obtained from Enrollment Services. A form authorizing parents or others to review student financial aid or student services files is available in the Enrollment Services Center.

Note: 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.

DIRECTORY INFORMATION
The college may provide directory information in accordance with the provisions of the Act without the written consent of an eligible student, unless that student requests in writing that such information not be disclosed. The items listed below are designated as directory information and may be released on any student for any purpose at the discretion of the college unless a written request for non-disclosure is on file: name, address, e-mail, telephone number, dates of attendance, major field of study, awards, honors, photographs, certifications, degree(s) conferred and previous institution(s) attended.

A student who wishes to request non-disclosure of the above items may submit a written request to Enrollment Services. The college may not provide the parent of a student over eighteen years of age any information about the student’s progress without the explicit written consent of the student or a copy of IRS tax forms indicating the student is a dependent of the parent seeking such information.

Services for Students with Disabilities
ATC provides special services to students with disabilities. Our goal is to improve the educational development of all students by offering an accessible and supportive campus environment. The Director of Counseling Services coordinates the provision of services for students with disabilities. In order for a student to receive accommodations based on a disability, the student must submit documentation from a qualified professional. The Director of Counseling Services will review the documentation, determine the appropriate accommodation(s), and provide a Faculty Notification Form to the student. Students receiving reasonable accommodations will submit a Faculty Notification Form to their instructor(s) each academic term.
Aiken Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Upon successful completion of program requirements, ATC awards the Associate in Arts degree, the Associate in Science degree, Associate in Applied Science degrees as well as diplomas and certificates.

ADVANCED STANDING

A student who has had similar or equal educational experiences to those required in ATC’s curricula may be granted advanced standing upon approval of the courses for transfer and the successful completion of required exemption examinations. Aiken Technical College also offers advanced standing based on The American Council on Education (ACE) recommendations.

Advanced Placement Tests

ATC accepts results from the College Level Examination Program (CLEP), DANTES (DSST), International Baccalaureate (IB) and the Advanced Placement (AP) tests for advanced placement and exemption of classes.

The College Board (AP), DANTES, and Education Testing Service (CLEP) provide guidelines for awarding credit based on their respective tests. These guidelines are followed by ATC in awarding credit.

International Baccalaureate Credit (IB)

Aiken Technical College will award credit for completion of an IB course with an examination grade of “4” or higher. IB courses taught through the Advanced Placement program (AP) will require a score of “3” or better on the AP examination. Students should notify Enrollment Services that they have earned these scores in order for the Enrollment Services Center to officially post their credit(s).

For each level of credit to be awarded, a specific course prefix and number are listed as an exemption on the student’s transcript. The college updates the list of scores as new information is received from the testing agencies.

EDUCATION DIVISION

CORE EDUCATIONAL OUTCOMES

Aiken Technical College endorses and promotes the following core educational outcomes for all degree and diploma students:

- Graduates will demonstrate effective oral communication skills.
- Graduates will demonstrate effective written communication skills.
- Graduates will solve problems using critical thinking skills and formulate strategies to identify, collect, analyze, develop, and evaluate information.
- Graduates will demonstrate quantitative skills and analysis appropriate to their area of study.

DEGREE, MAJOR AND EMPHASIS OR CONCENTRATION

The following definitions are offered for clarification:

- **Degree**: A broad area of study within a specialization
- **Major**: A general area of study within a specialization
- **Emphasis or Concentration**: A more specific area of study within a specialization
### Advanced Placement Test Score Requirements

<table>
<thead>
<tr>
<th>Test</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>American Government/Politics</td>
<td>3</td>
</tr>
<tr>
<td>Art History</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science: A</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science: AB</td>
<td>3</td>
</tr>
<tr>
<td>English Language &amp; Comp</td>
<td>3</td>
</tr>
<tr>
<td>English Lit. &amp; Comp</td>
<td>3</td>
</tr>
<tr>
<td>European History</td>
<td>3</td>
</tr>
<tr>
<td>Government &amp; Politics (US)</td>
<td>3</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Math: Calculus AB</td>
<td>3</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Physics B</td>
<td>3</td>
</tr>
<tr>
<td>Physics C: Elec. &amp; Mag</td>
<td>3</td>
</tr>
<tr>
<td>Physics C: Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>3</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>United States History</td>
<td>3</td>
</tr>
<tr>
<td>World History</td>
<td>3</td>
</tr>
</tbody>
</table>

### CLEP Test Score Requirements

<table>
<thead>
<tr>
<th>ATC Course</th>
<th>CLEP Exam</th>
<th>Score</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 110</td>
<td>Gen. Chemistry</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td>CPT 101</td>
<td>Info. Systems &amp; Computer Appl</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>ECO 210</td>
<td>Principles of Macroeconomics</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>ECO 211</td>
<td>Principles of Microeconomics</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Freshman College Composition</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Analysis &amp; Inter. of Literature</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>ENG 205</td>
<td>English Lit.</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>FRE 101</td>
<td>Level I French Language</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td>FRE 101 &amp; 102</td>
<td>Level II French Language</td>
<td>52</td>
<td>8</td>
</tr>
<tr>
<td>GER 101</td>
<td>Level I German Language</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td>GER 101 &amp; 102</td>
<td>Level II German Language</td>
<td>52</td>
<td>8</td>
</tr>
<tr>
<td>HIS 101</td>
<td>Western Civ. I</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>HIS 102</td>
<td>Western Civ. II</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>HIS 201</td>
<td>History of U.S. I</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>HIS 202</td>
<td>History of the U.S. II</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>MAT 110</td>
<td>Algebra</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>MAT 111</td>
<td>Trigonometry</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>MAT 140</td>
<td>Calculus w/ Elem. Functions</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td>MGT 101</td>
<td>Principles of Management</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>MKT 101</td>
<td>Principles of Marketing</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>PSC 201</td>
<td>American Gov’t.</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201</td>
<td>Intro. Psychology</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>PSY 203</td>
<td>Human Growth &amp; Development</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>PSY 210</td>
<td>Educational Psychology</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Intro. Sociology</td>
<td>50</td>
<td>3</td>
</tr>
</tbody>
</table>
Qualified students in certain academic programs may receive Technical Advanced Placement (TAP) credit for approved courses completed in high school. Information about TAP credit is available through the Enrollment Services Center and academic program faculty.

Aiken Technical College awards credit based on ACE recommendations. A student must have an official evaluation of their prior learning or workforce training sent directly to the Enrollment Services Center for our evaluation and posting of credit. The acceptance of credit will follow the same criteria as transferring credits from a previous college to Aiken Technical College.

Institutional Credit By Exam

Where approved by the department chair, students may take exemption exams for courses in subject matter they believe they have already mastered. Students must apply to the department chair and pay the required fee of $30 before taking the exemption exam. If the request is denied or the student does not pass the exam, the student must take the course to obtain credit. The exam fee is non-refundable.

### TECHNICAL ADVANCED PLACEMENT (TAP)

### THE AMERICAN COUNCIL ON EDUCATION

### ADVISEMENT

Academic advisement is an essential component of each ATC student’s achievement of his or her educational, career, and personal goals. This achievement is accomplished through the utilization of a full range of college and community resources. To be successful, each student must establish a positive rapport with his or her advisor. Together, the student and advisor will develop a program completion plan which will lead to graduation.

To successfully complete an academic program at ATC, each student should be aware that advisees (students) have a number of responsibilities. Advisees must:

1. State and explain personal goals, values, abilities, inabilities, and interests.
2. Contact the assigned advisor periodically to keep the lines of communication open and to keep the advisor aware of changes, problems, etc.
Make appointments for advisement and registration as early as possible to get the classes desired and keep all scheduled appointments. As a courtesy, we ask that advisees always call if canceling an appointment and reschedule if needed.

Become aware of the College’s policies and procedures as outlined in the ATC Student Handbook.

Bring all essential documents and materials needed for advisement and scheduling.

Accept responsibility for all decisions regarding career, educational and personal goals.

## ATTENDANCE REQUIREMENTS FOR Satisfactory Progress

It is the policy of Aiken Technical College to encourage and support student academic achievement and progress by adopting an 80 percent minimum attendance policy for all credit classes. The calculation of absences begins with the date of the first class meeting. (The only exception to this requirement is in those courses which permit enrollment on an ongoing basis.)

1. One absence is defined as failing to attend one hour of class or lab. For example, if a class meets two hours per day and a student misses one of those hours, then he or she is charged with one absence.

2. A student should attend all class and lab meetings. Individual faculty members are authorized to set attendance standards higher than the 80 percent minimum to reflect the needs and objectives of a given course. It is the student’s responsibility to see the instructor about missed work.

3. Withdrawals: The student is responsible for contacting his or her instructor(s) and asking to be withdrawn online. Disciplinary and attendance violations are administrative withdrawals. Students are not responsible for administrative withdrawals.

4. Violation(s) of attendance requirements and withdrawals may change the eligibility of the student for financial aid or veterans benefits.

## AUDITING COURSES

A student who desires to attend classes regularly but does not wish to take examinations or receive grades or credit may register as an audit student. The decision to be an audit student must be made at the time of registration and approved by the faculty member. Once the class has started, the status cannot be changed.

Once a student has enrolled to audit a course, he or she cannot take the course for credit or vice versa within the same semester. An audit student may choose whether to participate in class discussions and take tests. An audit student must pay the same fees charged to students taking the class for credit.

## CHANGING SCHEDULES

A student may change schedules through the add/drop period each semester.

To drop a course during the add/drop period, the student may use MyATC Portal or visit the Enrollment Services Center. To add a course during the add/drop period, the student may need approval from the course instructor, Department Chair, or Dean.

## COURSE EXEMPTIONS

Exemption exams (Institutional Credit by Exam) may be available for any student who wishes to avoid repeating subject matter which has already been mastered. A student seeking to exempt courses for which he/she has not already registered must complete an Exemption Exam Request Form available through the MyATC Portal. If the exam request is approved by the department chair, a $30 fee will be charged for the exam. Upon the successful completion of the exam under supervision, a grade of “E” will be entered on the student’s transcript for the class exempted. If the student does not pass the exemption exam, he or she must enroll through normal procedures in order to receive credit. See “Advanced Standing” for possible course exemption. A student in this category must request and complete an exemption exam from the instructor before the fifth day of the semester. If the instructor deems such an exam appropriate, they will establish a time, date, and location for the examination prior to the end of the add/drop period and report the results on the standard Course Exemption form. If the student successfully completes the exemption exam, a grade of “E” will be assigned. The grade of “E” is not calculated in the student’s grade point average. No grade is assigned if the student fails the exemption exam. Students failing will be required to remain enrolled in the course for the regular semester length to receive credit for the course. Students who exempt a course or courses in which they have already enrolled and paid their fees and do not elect to add another course will not be eligible for a tuition refund and may have their financial aid award reduced accordingly. Students will still need to pay the $30 exam fee.
GRADE POINT AVERAGE

A grade point average (GPA) is maintained for each credit student. The grade point average is determined by dividing the sum of the grade points earned for each course by the total number of credit hours attempted.

A program GPA of 2.0 is required for graduation. To determine GPA, numerical value grade points are assigned to final grades as follows:

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

To determine the GPA based on the four-point system used by ATC, use the following steps: Write down the courses taken and the grade achieved in each course. Multiply the number of credit hours by the points for each grade earned to determine the quality points for each class. (A = 4, B=3, C=2, D=1, F=0, WF=0) Total the quality points (grade points). Total the credit hours. Divide the quality points (grade points) by the number of credit hours.

EXAMPLE:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201</td>
<td>C(2)</td>
<td>6</td>
</tr>
<tr>
<td>ENG 101</td>
<td>B(3)</td>
<td>9</td>
</tr>
<tr>
<td>BIO 101</td>
<td>A(4)</td>
<td>16</td>
</tr>
<tr>
<td>HIS 202</td>
<td>D(1)</td>
<td>3</td>
</tr>
<tr>
<td>ECO 210</td>
<td>F(0)</td>
<td>0</td>
</tr>
</tbody>
</table>

In this example, the student’s GPA for the semester is 2.12 (34 divided by 16). The cumulative GPA represents the grade point average for all the credit hours the student has pursued. A student can calculate his or her cumulative GPA simply by totaling the number of courses and quality points (grade points) earned in all semesters at ATC, then dividing the total quality points by the total number of credits pursued (See calculation above).

GRADERS

Aiken Technical College students are awarded one of the following grades for each course in which they are officially enrolled based on the stated criteria:

A* Represents excellent work as demonstrated by ability to master course content. “A” is used in GPA calculations, earns credit hours, and carries a value of four grade points for each credit hour.

B* Represents above average work as demonstrated by mastery of a significant portion of course content. “B” is used in GPA calculations, earns credit hours, and carries a value of three grade points for each credit hour.

C* Represents satisfactory work as demonstrated by an average mastery of course content. “C” is used in GPA calculations, earns credit hours, and carries a value of two grade points for each credit hour.

D* Represents work which is below average and shows a minimum comprehension of course content. “D” is used in GPA calculations, earns credit hours, and carries a value of one grade point for each credit hour.

F* Represents a failure to meet minimum course objectives. “F” is used in GPA calculations, earns no credit hours, and carries zero grade points for each credit hour.

I Represents “Incomplete” and is assigned at the discretion of the faculty member when a student is making satisfactory progress toward meeting the course requirements. If at the end of the semester during which the course is taken, the student has not: (a) satisfactorily completed a final project(s) or assignment(s); (b) does not take and/or pass all required tests and has been given the option to make up a test: or (c) misses the final exam for an acceptable reason and has not made it up by the time grades are due, an interim grade of “l” will be given. An "I" does not affect GPA calculations, earns no credit hours, generates no grade points but defaults to an “F” automatically after one semester or term unless the instructor denotes a different period of time.

E Represents “Exempt” and is used when a student passes an AP, CLEP, DANTES, IB or exemption exam for a particular course, or demonstrates proficiency in the skills or content to be mastered in that course through continuing education credits (CEUs), work experience, experiential or military experience training. “E” is not used in GPA calculations and does not generate grade points but does earn credit hours.
TR Represents “Transfer Credit” and is assigned for allowable equivalent credit earned at other colleges for which a minimum grade of “C” was earned. “TR” is not used in GPA calculations and generates no grade points but does earn credit hours.

AU Represents “Audit” and is not used in GPA calculations, earns no credit hours, and carries no grade points.

U Represents “Unsatisfactory” and denotes unsatisfactory progress in a Continuing Education course. “U” does not affect GPA calculations, earns no credit hours or Continuing Education Units (CEUs), and generates no grade points.

W Represents “Withdrawn” and is used in either of the following cases: (a) a student withdraws after the end of the add/drop period but on or before the midterm date or (b) a student withdraws from classes after midterm because of extenuating circumstances and is passing those classes in which he or she is enrolled. “W” is not used in GPA calculations, earns no credit hours, and carries zero grade points for each credit attempted.

WF Represents “Withdrawn Failing” and may be used when a student is failing and formally withdraws from a class after midterm. “WF” is used in GPA calculations, earns no credit hours, and carries zero grade points for each credit hour attempted.

*Note: Grades awarded for transitional studies courses will not be used in GPA calculations. A guide to calculating GPA is in the Student Handbook.

Dean’s List

Both full- and part-time students who are in college credit degree, diploma or certificate programs and who meet specified criteria are eligible for the Dean’s List.

A student must meet the following criteria:

- ✓ Complete a minimum of nine (non-transitional) semester hours for credit courses;
- ✓ Achieve a minimum 3.50 grade point average.

*Note: A student who receives a final grade of “I,” “F,” “WF” or “W” in the semester is not eligible for the Dean’s List.

This notification comes from the Enrollment Services Office after grades are received each semester.
REVIEW OF STUDENT GRADES (APPEALS)

The assignment of grades should be based on information provided in the course syllabus; therefore, grades are given at the discretion of the faculty member. Students must seek a review of their assigned grade through the faculty member, department chair, dean, and Vice President of Academic and Student Affairs.

It is the policy of Aiken Technical College to permit a student to request a grade review if they feel justified in contesting a final grade received in a course taken for credit at Aiken Technical College. Within five working days after the grade or grade change was awarded, the student must go to the faculty member to request a review of the assigned grade and to discuss the reasons that he/she feels that the grade should be changed.

Graduation

Commencement exercises to award degrees, diplomas, and certificates are held annually. A student is eligible for graduation when he/she completes the requirements for a degree, diploma or certificate. The student must complete an Application for Graduation and submit to the Enrollment Services Center by the deadline for the appropriate semester.

Graduation Requirements

All students who expect to receive a degree, diploma or certificate from Aiken Technical College must complete a number of requirements. Specific course requirements for each major are defined later in this catalog. Regardless of the level of award, all students must meet the following requirements:

1. Complete all general education requirements specified for the award.
2. Complete all program credit hours.
3. Complete all academic course credit with a minimum of a cumulative 2.0 program grade point average (GPA).
4. Complete all residency requirements (courses taken at ATC) as specified for each award. A student must take and earn a minimum of 25 percent of credits required for graduation from a degree, diploma or certificate program of study at Aiken Technical College. Regardless of the comparability of courses and the number of courses successfully completed at other accredited post-secondary institutions, a student must successfully complete a minimum of three higher-level courses (as determined by the academic advisor) representative of the major program or discipline at Aiken Technical College. The total of both courses accepted for transfer and courses exempted cannot exceed 75 percent of the credits required for completion of a program.
5. Complete all financial obligations to the college.
6. Complete all proper applications for graduation by the established deadline.
7. A student who achieves a cumulative 4.00 grade point average qualifies to graduate “With Highest Honors.” A student who achieves a cumulative 3.75-3.99 grade point average qualifies to graduate “With High Honors.” A student who achieves a cumulative 3.50-3.74 grade point average qualifies to graduate “With Honors.”

WITNESS OF STUDENT GRADES (APPEALS)

The assignment of grades should be based on information provided in the course syllabus; therefore, grades are given at the discretion of the faculty member. Students must seek a review of their assigned grade through the faculty member, department chair, dean, and Vice President of Academic and Student Affairs.

It is the policy of Aiken Technical College to permit a student to request a grade review if they feel justified in contesting a final grade received in a course taken for credit at Aiken Technical College. Within five working days after the grade or grade change was awarded, the student must go to the faculty member to request a review of the assigned grade and to discuss the reasons that he/she feels that the grade should be changed.

Graduation

Commencement exercises to award degrees, diplomas, and certificates are held annually. A student is eligible for graduation when he/she completes the requirements for a degree, diploma or certificate. The student must complete an Application for Graduation and submit to the Enrollment Services Center by the deadline for the appropriate semester.

Graduation Requirements

All students who expect to receive a degree, diploma or certificate from Aiken Technical College must complete a number of requirements. Specific course requirements for each major are defined later in this catalog. Regardless of the level of award, all students must meet the following requirements:

1. Complete all general education requirements specified for the award.
2. Complete all program credit hours.
3. Complete all academic course credit with a minimum of a cumulative 2.0 program grade point average (GPA).
4. Complete all residency requirements (courses taken at ATC) as specified for each award. A student must take and earn a minimum of 25 percent of credits required for graduation from a degree, diploma or certificate program of study at Aiken Technical College. Regardless of the comparability of courses and the number of courses successfully completed at other accredited post-secondary institutions, a student must successfully complete a minimum of three higher-level courses (as determined by the academic advisor) representative of the major program or discipline at Aiken Technical College. The total of both courses accepted for transfer and courses exempted cannot exceed 75 percent of the credits required for completion of a program.
5. Complete all financial obligations to the college.
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7. A student who achieves a cumulative 4.00 grade point average qualifies to graduate “With Highest Honors.” A student who achieves a cumulative 3.75-3.99 grade point average qualifies to graduate “With High Honors.” A student who achieves a cumulative 3.50-3.74 grade point average qualifies to graduate “With Honors.”
STANDARDS OF PROGRESS

Satisfactory Academic Progress
To remain in good standing, a student enrolled in regular curriculum classes must maintain a 2.0 grade point average (GPA). Financial aid students must also meet other Standards of Academic Progress as outlined in the “Award Terms and Conditions” brochure.

A Degree, Diploma and Certificate Programs: A program GPA of 2.0 is required to graduate from any degree, diploma or certificate program.

B Career Development: A student enrolled as Career Development (CD) must comply with the same standards of progress as described above.

C Transitional Education Courses: An ATC student enrolled in transitional education courses must make satisfactory academic progress in each discipline in which he or she is enrolled in order to proceed to the next course. This requires a student to earn a grade of “A,” “B” or “C” in all transitional education courses.

Academic Warning
The first time a student fails to meet academic standards (semester GPA and/or GPA below the required cutoff hours attempted), they face the following actions:

1. The student is urged to seek study skills assistance or counseling in the Academic Success Center.

2. The student is restricted to taking no more than twelve semester hours in the fall or spring semester (nine semester hours during the summer term).

If a student raises their semester average above the minimal standards but their cumulative GPA remains below standard, the student remains on academic warning status with the same limitations noted above.

Academic Probation
If both the semester and cumulative GPAs are still under a 2.0 GPA after one semester in academic warning status, the student faces the following actions:

1. The student must take any needed transitional course(s).

2. The student is limited to nine semester hours in fall or spring semester (six during summer session).

3. The student should note the potential for suspension following the “probation” semester if they do not maintain the required GPA for the term. In addition, if either the semester or cumulative GPA remains below standard, the student will remain on probation with all of its limitations.

Academic Suspension
If both the cumulative and semester GPAs are below a 2.0 GPA after one semester in academic probation status, the student will be suspended for one semester. If the student has extenuating circumstances and wishes to appeal the one-semester suspension, he/she may appeal in writing to the Vice President of Academic & Student Affairs or designee. A student is not immediately readmitted under normal circumstances.

ACTIONS:
1. A letter will be sent to the student with the status and instructions for appeal.
2. The student is prohibited from enrollment for one semester unless he/she successfully appeals (Summer term does not count as a suspended semester).

The initial decision of the designated college official regarding suspension may be further appealed to the Vice President of Academic & Student Affairs. After consultation with the student and evaluation of the circumstances, the Vice President of Academic & Student Affairs rules on the student’s appeal. The decision of the Vice President of Academic & Student Affairs regarding suspension is final.

If the student is readmitted on appeal or has been readmitted after serving a semester of non-attendance, he/she will be continued/readmitted on probationary status with a limit of nine semester hours.

Academic Dismissal
If a student is readmitted to ATC and fails to maintain a 2.0 GPA during the readmission semester, he/she will be dismissed from the College.

ACTIONS:
1. A letter will be sent to the student with the status and instructions for appeal.
2. The student is prohibited from further academic enrollment at ATC unless readmitted on probationary status after one full year of non-attendance. See “Readmission after Suspension or Dismissal” below.

Suspension/Dismissal Appeals
Suspension or dismissal for academic reasons is based on the College’s Standards of Progress. Students in academic difficulty usually benefit from a period of time to refocus their academic pursuits, earn support funds and review career decisions. Therefore, the College will require these students to withdraw from the college for a selected period of time. Appeals of this suspension or dismissal are made to the Vice President of Academic & Student Affairs or his/her designee.
Examples of acceptable extenuating circumstances for appealing Academic Suspension:

1. Hospitalization for an extended period of time (doctor’s verification must be attached to appeal).
2. Divorce/separation/family crisis causing extreme hardship (Divorce Decree, Separation Agreement, or other verifiable documents must be attached to appeal).
3. Death or serious illness in the immediate family causing extreme hardship (a verifiable document must be attached to appeal).
4. Other verifiable circumstances causing hardship and significantly contributing to poor academic performance (a verifiable document must be attached to the appeal).

Examples of non-acceptable circumstances for appealing Academic Suspension:

- A low GPA
- Transportation problems
- Changes in employment schedule
- Failure to withdraw officially from classes
- Taking too many courses or taking the wrong courses
- Minor illness in immediate family
- Childcare problems

Readmission after Suspension or Dismissal

Aiken Technical College recognizes that the circumstances of a student who has been academically suspended or dismissed may change. A student who has been academically suspended or dismissed may be readmitted after one full academic year of non-attendance.

To be readmitted, the student must appeal to the Vice President of Academic & Student Affairs in writing, asking for an interview to explain how his/her circumstance has changed. After the student completes an interview, a decision will be made regarding the student’s request to be readmitted.

If readmitted under this policy, the student is readmitted on probationary status and can take a maximum of nine credit hours. The student will be permanently dismissed from the College if he/she does not earn a 2.0 GPA for the semester of readmission. The student’s cumulative GPA is not adjusted upon re-entry to the College.

Withdrawal/Termination and its Effect on Satisfactory Progress for all Students Enrolled in Credit Courses

1. Degree, Diploma and Certificate Programs: A program GPA of 2.0 is required to graduate from any degree, diploma or certificate program.
2. Career Development: A student enrolled as Career Development (CD) must comply with the same standards of progress as described above.
3. Transitional Education Courses: An ATC student enrolled in transitional education courses must make satisfactory academic progress in each discipline in which he or she is enrolled in order to proceed to the next course. This requires a student to earn a grade of “A,” “B” or “C” in all transitional education courses.
### BUSINESS PROGRAMS

#### Associate in Applied Science: Major in Management

The Associate in Applied Science with a Major in Management degree prepares the student to perform the basic functions of management including planning, organizing, staffing, directing and controlling. Students also develop skills enabling them to communicate effectively using both written and verbal formats; develop and apply business ethics in managerial decision making; analyze and perform accounting operations; recognize and apply legal principles as they relate to business crimes, torts, and contracts; apply the principles of economics to business; and apply the principles of human resource management to the development of a competent business staff. This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Admission to the Associate in Applied Science with a Major in Management program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>15 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>9 credits</td>
</tr>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>-AND- Select ONE course from the following:</td>
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</tr>
<tr>
<td>SPC 205 Public Speaking</td>
<td>3 credits</td>
</tr>
<tr>
<td>SPC 209 Interpersonal Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>MAT 160 Math for Business and Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>Select ONE course from the following:</td>
<td></td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SOC 101 Introduction to Sociology</td>
<td>3 credits</td>
</tr>
<tr>
<td>MAJOR COURSE REQUIREMENTS</td>
<td>42 CREDITS</td>
</tr>
<tr>
<td>ACC 101 Accounting Principles I</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACC 102 Accounting Principles II</td>
<td>3 credits</td>
</tr>
<tr>
<td>BAF 201 Principles of Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>BUS 121 Business Law I</td>
<td>3 credits</td>
</tr>
<tr>
<td>BUS 130 Business Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td>MGT 101 Principles of Management</td>
<td>3 credits</td>
</tr>
<tr>
<td>MGT 120 Small Business Management</td>
<td>3 credits</td>
</tr>
<tr>
<td>MGT 150 Fundamentals of Supervision</td>
<td>3 credits</td>
</tr>
<tr>
<td>MGT 201 Human Resource Management</td>
<td>3 credits</td>
</tr>
<tr>
<td>MGT 240 Managerial Decision-Making</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKT 101 Marketing</td>
<td>3 credits</td>
</tr>
<tr>
<td>Select THREE courses from the following:</td>
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</tr>
<tr>
<td>BAF 230 Computers in Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>BUS 135 Wage/Salary Administration</td>
<td>3 credits</td>
</tr>
<tr>
<td>CPT 295 Desktop Publishing</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKT 110 Retailing</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKT 120 Sales Principles</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKT 140 e-Marketing</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKT 240 Advertising</td>
<td>3 credits</td>
</tr>
<tr>
<td>BUS 275 Business Internship</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL COURSE REQUIREMENTS</th>
<th>3 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Introduction to Computers</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED**... **60 CREDITS**
### Small Business Management Certificate
The Small Business Management Certificate is designed for the student who is currently working for, operating or considering starting a small business. Entrepreneurial decision making and opportunity analysis on a practical level are emphasized.

**GENERAL EDUCATION ........ 6 CREDITS**
- ENG 101 English Composition I 3 credits
- MAT 160 Math for Business and Finance 3 credits

**MAJOR COURSE REQUIREMENTS ...............18 CREDITS**
- ACC 101 Accounting Principles I 3 credits
- BAF 230 Computers in Finance 3 credits
- BUS 135 Wage and Salary Administration 3 credits

**ADDITIONAL COURSE REQUIREMENTS ........... 3 CREDITS**
- CPT 101 Introduction to Computers 3 credits

**TOTAL CREDITS REQUIRED .... 27 CREDITS**

### Business Transfer Certificate
The Business Transfer Certificate provides the student with the opportunity to take entry level courses necessary to transfer to a four year Business program.

Aiken Technical College has an articulation agreement with the University of South Carolina Aiken (USCA) that will allow a student who completes the Business Transfer Certificate to transfer all of the credits earned in the certificate to USCA.

To enter the Business Transfer Certificate, students must successfully complete MAT 102 or earn acceptable test scores to be directly placed into MAT 110.

**GENERAL EDUCATION ............. 24 CREDITS**
- Humanities/Fine Arts 12 credits
  - ENG 101 English Composition I 3 credits
  - ENG 102 English Composition II 3 credits
  - SPC 205 Public Speaking 3 credits
- Select one of the following:
  - HIS 201 American History to 1877 3 credits
  - HIS 202 American History 1877+ 3 credits

- Physical Sciences, Natural Sciences and Mathematics 12 credits
  - Select 6 credits from the following:
    - MAT 110 College Algebra 3 credits
    - MAT 122 Finite College Math 3 credits
    - MAT 130 Elementary Calculus 3 credits

**Social/Behavioral Sciences ............. 6 credits**
- ECO 210 Macroeconomics 3 credits
- ECO 211 Microeconomics 3 credits

**MAJOR COURSE REQUIREMENTS... 12 CREDITS**
- ACC 101 Accounting Principles I 3 credits
- ACC 102 Accounting Principles II 3 credits
- MGT 101 Principles of Management 3 credits
- MKT 101 Marketing 3 credits

**ADDITIONAL COURSE REQUIREMENTS ........... 3 CREDITS**
- CPT 101 Introduction to Computers 3 credits

**TOTAL CREDITS REQUIRED .... 39 CREDITS**
**Associate in Applied Science: Major in Marketing**

The Associate in Applied Science with a Major in Marketing degree prepares the student to perform the basic marketing functions including advertising, personal sales, public relations and sales promotion. The student will also develop the skills necessary to communicate effectively both in written and verbal form; recognize patterns of consumer behavior; develop and apply basic market planning techniques; and have a general understanding of fundamental business operations, including accounting, computer applications and economic principles. This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Admission to the Associate in Applied Science with a Major in Marketing program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

### GENERAL EDUCATION . . . . . .15 CREDITS

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

- **AND- Select ONE course from the following:**
  - SPC 205 Public Speaking | 3 credits
  - SPC 209 Interpersonal Communications | 3 credits

<table>
<thead>
<tr>
<th>Physical Sciences, Natural Sciences</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 160 Math for Business and Finance</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social/Behavioral Sciences</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select ONE course from the following:</td>
<td></td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
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<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SOC 101 Introduction to Sociology</td>
<td>3 credits</td>
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### MAJOR REQUIREMENTS . . . . .42 CREDITS

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>3 credits</th>
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<tbody>
<tr>
<td>ACC 101 Accounting Principles I</td>
<td></td>
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<tr>
<td>ACC 102 Accounting Principles II</td>
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<tr>
<td>BAF 201 Principles of Finance</td>
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<td>BUS 121 Business Law I</td>
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<td>BUS 130 Business Communications</td>
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<td>MGT 101 Principles of Management</td>
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<td>MKT 140 e-Marketing</td>
<td></td>
</tr>
<tr>
<td>MKT 240 Advertising</td>
<td></td>
</tr>
</tbody>
</table>

- **AND- Select ONE course from the following:**
  - CPT 162 Intro to Webpage Publishing | 3 credits
  - CPT 295 Desktop Publishing Applications | 3 credits

- **AND- Select TWO courses from the following:**
  - BAF 230 Computers in Finance | 3 credits
  - MGT 120 Small Business Management | 3 credits
  - BUS 275 Business Internship | 3 credits

### ADDITIONAL REQUIREMENTS . .3 CREDITS

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>3 credits</th>
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<tbody>
<tr>
<td>CPT 101 Introduction to Computers</td>
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</tbody>
</table>

### TOTAL CREDITS REQUIRED . . .60 CREDITS
### Associate in Applied Science: Major in Accounting

The Associate in Applied Science with a Major in Accounting prepares the student to record and post transactions, prepare adjusting entries and financial statements, perform general accounting operations, process accounting information using a microcomputer to produce various accounting records and maintain books for municipalities, state and government agencies. A graduate will be prepared to work independently or as a team member with management.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Admission to the Associate in Applied Science with a Major in Accounting program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

#### GENERAL EDUCATION . . . . . . 15 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>9</td>
</tr>
<tr>
<td>ENG 101 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
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</table>

-AND- Select ONE course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC 205 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPC 209 Interpersonal Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Sciences, Natural Sciences</td>
<td>3</td>
</tr>
<tr>
<td>and Mathematics</td>
<td></td>
</tr>
<tr>
<td>MAT 160 Math for Business and Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Select ONE course from the following:</td>
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</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101 Introduction to Sociology</td>
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#### MAJOR REQUIREMENTS . . . . 45 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ACC 101 Accounting Principles I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 102 Accounting Principles II</td>
<td>3</td>
</tr>
<tr>
<td>ACC 120 Federal Income Tax</td>
<td>3</td>
</tr>
<tr>
<td>ACC 150 Payroll Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC 201 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 202 Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACC 230 Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 231 Cost Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACC 240 Computerized Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC 265 Not-For-Profit Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BAF 201 Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>BAF 230 Computers in Finance</td>
<td>3</td>
</tr>
<tr>
<td>BUS 121 Business Law I</td>
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<tr>
<td>BUS 130 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MGT 101 Principles of Management</td>
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#### ADDITIONAL REQUIREMENTS . . 3 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Intro to Computers</td>
<td>3</td>
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</tbody>
</table>

#### TOTAL CREDITS REQUIRED . . . .63 CREDITS
Associate in Applied Science: Major in Early Care and Education

The Associate in Applied Science: Major in Early Care and Education degree is designed to prepare students for a variety of careers working with children and families in the field of early care and education. Academic, technical, and professional knowledge and skills are cultivated by learning opportunities based on best practices and current research in the field. The program offers a balance of developmental and educational theory and practice; a foundation in ethics, advocacy, and leadership skills; supervised hands-on experiences and general core coursework necessary for successful employment.

Program graduates are qualified for employment in early care and education settings including Head Start, child care centers and 4K programs, elementary school paraprofessional positions, and other agencies serving children and families. The program is accredited by the National Association for the Education of Young Children (NAEYC).

The successful student in the Early Care and Education program must possess effective communication skills with adults and children, strong critical thinking and decision making skills, as well as a well-grounded professional work ethic. These students must enjoy a variety of creative activities and be able to be actively involved with children for extended periods of time.

For all courses requiring off-site field work and the capstone field placement course leading to graduation, the Early Care and Education program requires the following prerequisites:

- ✔ Clear criminal background check
- ✔ Health assessment denoting good health
- ✔ Negative tuberculosis skin test
- ✔ Student liability insurance
- ✔ Current certification in First Aid and Infant, Child, and Adult CPR (EDU 243)

Admission to the Associate in Applied Science with a Major in Early Care and Education program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

A criminal record could make a student ineligible for enrollment or participation in a supervised field experience, creating an inability to graduate from the program. Persons who have been convicted of a felony offense are not employable in the early care and education field.

GENERAL EDUCATION .......... 15 CREDITS

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
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<tr>
<td>Select Humanities/Fine Arts courses totaling 3 credits from the course list.</td>
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</tbody>
</table>

-AND- Select ONE course from the following:

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<tr>
<th>Physical Sciences, Natural Sciences and Mathematics</th>
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<tbody>
<tr>
<td>SPC 205 Public Speaking</td>
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</table>

Select ONE course from the following:

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<thead>
<tr>
<th>Social/Behavioral Sciences</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

MAJOR COURSE REQUIREMENTS ............ 45 CREDITS

<table>
<thead>
<tr>
<th>ECD 101 Intro to Early Childhood</th>
<th>3 credits</th>
</tr>
</thead>
</table>

TOTAL CREDITS REQUIRED .......... 60 CREDITS

Note: Every student must obtain certification in CPR and First Aid prior to graduation.
Early Childhood Development Certificate

The Early Childhood Development Certificate provides the student with the skills to assume the role and responsibilities of a person employed in the early childhood profession, to assume the personal qualities necessary for effective care giving and to demonstrate an awareness of a curriculum which is developmentally appropriate for young children.

**GENERAL EDUCATION .......... 6 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAT 101 Beginning Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAJOR COURSE REQUIREMENTS .............. 30 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECD 101 Intro to Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>ECD 102 Growth and Development I</td>
<td>3</td>
</tr>
<tr>
<td>ECD 105 Guidance and Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>ECD 107 Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>ECD 108 Family and Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>ECD 135 Health, Safety, and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ECD 203 Growth and Development II</td>
<td>3</td>
</tr>
<tr>
<td>ECD 201 Principles of Ethics &amp; Leadership in Early Care &amp; Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED .... 36 CREDITS**

Note: Every student must obtain certification in CPR and First Aid prior to graduation.

Childcare Management Certificate

The Childcare Management Certificate provides the student with knowledge and skills related to management, supervision and administration of early care and education environments. In addition, this certificate introduces small business management concepts, necessary interpersonal competencies and professional ethics required to work with multi-age groups of diverse children, parents, colleagues and the community.

This certificate is designed to enhance the skills of an individual with extensive work experience in the early care and education classroom in preparation for supervision/management positions. Students must currently hold a related associate, bachelor or master’s degree to earn this certificate. Admission to this certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair.

For all courses requiring off-site field work and the capstone field placement course leading to graduation, the Childcare Management Certificate requires the following prerequisites:

- ✔ Clear criminal background check
- ✔ Health assessment denoting good health
- ✔ Negative tuberculosis skin test
- ✔ Student liability insurance
- ✔ Current certification in First Aid and Infant, Child, and Adult CPR (EDU 243)

A criminal record could make a student ineligible for enrollment or participation in an off-site field experience and capstone course, creating an inability to graduate from the certificate. Persons who have been convicted of a felony offense are not employable in the early care and education field.

**MAJOR COURSE REQUIREMENTS .............. 30 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECD 101 Intro to Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>ECD 102 Growth and Development I</td>
<td>3</td>
</tr>
<tr>
<td>ECD 105 Guidance and Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>ECD 107 Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>ECD 108 Family and Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>ECD 109 Administration and Supervision</td>
<td>3</td>
</tr>
<tr>
<td>ECD 135 Health, Safety, and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ECD 203 Growth and Development II</td>
<td>3</td>
</tr>
<tr>
<td>ECD 201 Principles of Ethics &amp; Leadership in Early Care &amp; Education</td>
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</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS .... 6 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAC 101 Introduction to School-Age Child Care</td>
<td>3</td>
</tr>
<tr>
<td>MGT 101 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 201 Human Resources Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED .... 36 CREDITS**

Note: Every student must obtain certification in CPR and First Aid prior to graduation.
The Associate in Arts: Early Childhood Education Transfer Track

The Associate in Arts – Early Childhood Education Transfer Track degree provides ATC transfer students with the first two years of undergraduate credit towards a degree in Early Childhood Education at the University of South Carolina - Aiken. All of the courses listed below, even those not found on the Technical College Courses Transferable to Senior Institutions list*, will transfer to USCA under the ATC-USCA Early Childhood Education articulation agreement. AA-ECE transfer students must maintain a minimum 2.75 GPA and are expected to complete the Praxis Exam before transferring to USCA.

GENERAL EDUCATION .......... 52 CREDITS

Humanities/Fine Arts 32 credits
- ENG 101 English Composition I 3 credits
- ENG 102 English Composition II 3 credits
- ENG 201, ENG 202, ENG 205, or ENG 206 3 credits
- Foreign Language I 4 credits
- Foreign Language II 4 credits
- HIS 101 or HIS 102 (Western Civ.) 3 credits
- HIS 201 or HIS 202 (U.S. History) or PSC 201 3 credits
- MUS 105 Music Appreciation 3 credits
- REL 103 Comparative Religion 3 credits
- SPC 205 Public Speaking 3 credits

Physical Sciences, Natural Sciences and Mathematics 14 credits
- BIO 101 Biological Science I or
- BIO 105 Principles of Biology 4 credits
- GLY 101 Physical Geology 4 credits
- MAT 110 College Algebra 3 credits
- MAT 120 Probability & Stats 3 credits
- Social/Behavioral Sciences 6 credits
- PSY 201 General Psychology 3 credits
- SOC 101 Introduction to Sociology 3 credits

MAJOR COURSE REQUIREMENTS .......... 18 CREDITS

- ECD 106 Observation of Young Children* 3 credits
- ECD 107 Exceptional Children* 3 credits
- ECD 108 Family and Community Relations* 3 credits
- ECD 121 Language Arts* 3 credits
- ECD 135 Health, Safety, and Nutrition* 3 credits
- ECD 138 Movement and Music for Young Children* 3 credits

TOTAL CREDITS REQUIRED .......... 70 CREDITS

The 70 ATC credit hours listed above will transfer to USCA’s Department of Education as 65 hours of undergraduate credit. Transfer of any of the eight AA-ECE courses marked with an * above to any college other than USCA would require approval on a case-by-case basis.
GENERAL EDUCATION ........ 31 CREDITS

**Humanities/Fine Arts** ........ 12 credits
ENG 101 English Composition I 3 credits

*Select ONE course from the following*
ENG 102 English Composition II 3 credits
-OR-
SPC 205 Public Speaking 3 credits

*Select Humanities/Fine Arts courses totaling 6 credits from the course list*

**Social/Behavioral Sciences** ........ 6 credits
Select Social/Behavioral Sciences courses totaling 6 credits from the course list.

**Physical Sciences, Natural Sciences and Mathematics** ........ 7 credits
MAT 102 Intermediate Algebra 3 credits
-OR-
MAT 110 College Algebra 3 credits

-AND-
BIO 101 Biological Science I 4 credits
-OR-
BIO 102 Biological Science II 4 credits
-OR-
BIO 210 Anatomy and Physiology I 4 credits
-OR-
CHM 110 College Chemistry I 4 credits
-OR-
PHY 201 Physics I 4 credits
-OR-
BIO 112 Basic Anatomy and Physiology 4 credits

*(With approval from the Department Chair)*

GENERAL EDUCATION ELECTIVE ........ 6 CREDITS
Select courses totaling 6 credits from the course list.

TOTAL CREDITS REQUIRED ... 31 CREDITS

All courses taken toward this certificate MUST be selected from the list of college transfer courses on Course Listings. Other courses that are on an approved articulation agreement may be considered on a case-by-case basis. All courses that apply to the Associate in Arts and/or Associate in Science degrees may be applied to the General Studies Certificate.

Interdisciplinary Studies

ATC offers several courses in Interdisciplinary Studies (IDS). A student may take these courses as Humanities/Fine Arts choices in all of ATC’s Associate’s degree programs and the General Studies Certificate. A student may use IDS courses as electives in many of the college’s programs. A student should consult his/her program coordinator or advisor about specific program electives. A student who wishes to transfer IDS courses should consult the institution to which he/she plans to transfer.
GENERAL TECHNOLOGY

Associate in Applied Science: Major in General Technology

The Associate in Applied Science with a Major in General Technology Program enables a student to acquire expertise in a minimum of two technical specialties and to become multi-skilled. The program core consists of a primary technical specialty requiring a minimum of 21 semester hours, a secondary technical specialty requiring a minimum of 12 semester hours and additional semester hours of any other courses as required to meet the 60 semester hour minimum to complete the degree program.

Admission to the Associate in Applied Science with a Major in General Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION ........ 15 CREDITS

Communications 3 credits
Select ONE course specified for your intended emphasis area:
ENG 101 English Composition I 3 credits
ENG 160 Technical Communications 3 credits

Humanities/Fine Art 3 credits minimum
Select course(s) as specified in your intended emphasis area

Physical Sciences, Natural Sciences and Mathematics 3 credits minimum
Select course(s) as specified in your intended emphasis area

Social/Behavioral Sciences 3 credits minimum
Select course(s) as specified in your intended emphasis area

PRIMARY SPECIALTY .......................... 21 CREDITS MINIMUM
Single Content Area

SECONDARY SPECIALTY .......................... 12 CREDITS MINIMUM
Approved degree, programs or technical certificate

OTHER HOURS REQUIRED FOR GRADUATION .......................... 12 CREDITS APPROXIMATELY

General Technology Emphasis Areas

Recommended plans of study for the following selected emphasis areas have been developed to assist students.

- Associate in Applied Science: Major in General Technology: Emphasis in Engineering Graphics Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Heating, Ventilation, Air Conditioning
- Associate in Applied Science: Major in General Technology: Emphasis in Paramedic
- Associate in Applied Science: Major in General Technology: Emphasis in Tower & Wireless Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Welding Technology

Admission to the Associate in Applied Science with a Major in General Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL TECHNOLOGY

Associate in Applied Science: Major in General Technology

The Associate in Applied Science with a Major in General Technology Program enables a student to acquire expertise in a minimum of two technical specialties and to become multi-skilled. The program core consists of a primary technical specialty requiring a minimum of 21 semester hours, a secondary technical specialty requiring a minimum of 12 semester hours and additional semester hours of any other courses as required to meet the 60 semester hour minimum to complete the degree program.

Admission to the Associate in Applied Science with a Major in General Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION ........ 15 CREDITS

Communications 3 credits
Select ONE course specified for your intended emphasis area:
ENG 101 English Composition I 3 credits
ENG 160 Technical Communications 3 credits

Humanities/Fine Art 3 credits minimum
Select course(s) as specified in your intended emphasis area

Physical Sciences, Natural Sciences and Mathematics 3 credits minimum
Select course(s) as specified in your intended emphasis area

Social/Behavioral Sciences 3 credits minimum
Select course(s) as specified in your intended emphasis area

PRIMARY SPECIALTY .......................... 21 CREDITS MINIMUM
Single Content Area

SECONDARY SPECIALTY .......................... 12 CREDITS MINIMUM
Approved degree, programs or technical certificate

OTHER HOURS REQUIRED FOR GRADUATION .......................... 12 CREDITS APPROXIMATELY

- Or choose one of these -

GENERAL TECHNOLOGY Emphasis Areas

Recommended plans of study for the following selected emphasis areas have been developed to assist students.

- Associate in Applied Science: Major in General Technology: Emphasis in Engineering Graphics Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Heating, Ventilation, Air Conditioning
- Associate in Applied Science: Major in General Technology: Emphasis in Paramedic
- Associate in Applied Science: Major in General Technology: Emphasis in Tower & Wireless Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Welding Technology

Admission to the Associate in Applied Science with a Major in General Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL TECHNOLOGY

Associate in Applied Science: Major in General Technology

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GENERAL EDUCATION ........ 15 CREDITS

Communications 3 credits
Select ONE course specified for your intended emphasis area:
ENG 101 English Composition I 3 credits
ENG 160 Technical Communications 3 credits

Humanities/Fine Art 3 credits minimum
Select course(s) as specified in your intended emphasis area

Physical Sciences, Natural Sciences and Mathematics 3 credits minimum
Select course(s) as specified in your intended emphasis area

Social/Behavioral Sciences 3 credits minimum
Select course(s) as specified in your intended emphasis area

PRIMARY SPECIALTY .......................... 21 CREDITS MINIMUM
Single Content Area

SECONDARY SPECIALTY .......................... 12 CREDITS MINIMUM
Approved degree, programs or technical certificate

OTHER HOURS REQUIRED FOR GRADUATION .......................... 12 CREDITS APPROXIMATELY

- Or choose one of these -

GENERAL TECHNOLOGY Emphasis Areas

Recommended plans of study for the following selected emphasis areas have been developed to assist students.

- Associate in Applied Science: Major in General Technology: Emphasis in Engineering Graphics Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Heating, Ventilation, Air Conditioning
- Associate in Applied Science: Major in General Technology: Emphasis in Paramedic
- Associate in Applied Science: Major in General Technology: Emphasis in Tower & Wireless Technology
- Associate in Applied Science: Major in General Technology: Emphasis in Welding Technology

Admission to the Associate in Applied Science with a Major in General Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.
# Health Sciences

## Associate in Applied Science: Major in Nursing

The Associate in Applied Science with a Major in Nursing degree prepares graduates to provide direct patient care in a safe, effective manner across multiple settings and prepares students for licensure examination for registered nurses (NCLEX-RN). The course of study includes both theory presentation and supervised experience at affiliating health care agencies.

Students applying for any of the Health Science Programs must go through a separate application after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office.

Students will be required to participate in off-campus clinical facilities and therefore will need reliable transportation. It is the student’s responsibility to maintain current health records while in the nursing program. The nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN).

### General Education ........ 30 Credits

- **Humanities/Fine Arts** 9 credits
  - ENG 101 English Composition I - 3 credits
  - SPC 205 Public Speaking - 3 credits
  - Select Humanities/Fine Arts courses totaling 3 credits from the course list.

- **Physical Science, Natural Science and Mathematics** 15 credits
  - BIO 210 Anatomy & Physiology I - 4 credits
  - BIO 211 Anatomy & Physiology II - 4 credits
  - BIO 225 Microbiology - 4 credits
  - MAT 120 Probability & Statistics - 3 credits

- **Social/Behavioral Sciences** 6 credits
  - PSY 201 General Psychology - 3 credits
  - PSY 203 Human Growth & Development - 3 credits

### Major Course Requirements .......... 38 Credits

- NUR 101 Fundamentals of Nursing - 6 credits
- NUR 106 Pharmacologic Basics in Nursing Practice - 2 credits
- NUR 131 Introduction to Pharmacology - 1 credit
- NUR 162 Psychiatric & Mental Health Nursing I - 3 credits
- NUR 165 Nursing Concepts & Clinical Practice I - 6 credits
- NUR 211 Nursing Care of the Childbearing Family - 4 credits
- NUR 212 Nursing Care of Children - 4 credits
- NUR 265 Concepts Clinical Practice II - 6 credits
- NUR 267 Nursing Concepts & Clinical Practice IV - 6 credits

### Total Credits Required .......... 68 Credits
## Licensed Practical Nurse to Associate Degree Nurse Transition

Licensed Practical Nurses (LPN) may also apply to continue their education by taking a transition course and then taking the final two semesters of the ADN program. This will lead to the awarding of the Associate Degree in Applied Science: Major in Nursing and prepares students for the licensure examination for registered nurses (NCLEX-RN).

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office. The LPN to ADN Transition program is accredited by the Accreditation Commission for Education in Nursing (ACEN).

### General Education ......... 30 Credits

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>SPC 205 Public Speaking</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Select Humanities/Fine Arts courses totaling 3 credits from the course list.

### Physical Science, Natural Science and Mathematics ......... 15 Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 210 Anatomy &amp; Physiology I</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 211 Anatomy &amp; Physiology II</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 225 Microbiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 120 Probability &amp; Statistics</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

### Social/Behavioral Sciences ......... 6 Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 203 Human Growth &amp; Development</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

### Major Course Requirements ......... 35 Credits

* Prior learning credit is awarded through exemption credit earned after successful completion of the transition semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 101 Fundamentals of Nursing</td>
<td>6 credits*</td>
</tr>
<tr>
<td>NUR 131 Introduction to Pharmacology</td>
<td>1 credits</td>
</tr>
<tr>
<td>NUR 162 Psychiatric &amp; Mental Health Nursing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>NUR 165 Nursing Concepts &amp; Clinical Practice I</td>
<td>6 credits</td>
</tr>
<tr>
<td>NUR 201 Transition Nursing</td>
<td>3 credits</td>
</tr>
<tr>
<td>NUR 212 Nursing Care of Children</td>
<td>4 credits</td>
</tr>
<tr>
<td>NUR 265 Concepts Clinical Practice II</td>
<td>6 credits</td>
</tr>
<tr>
<td>NUR 267 Nursing Concepts &amp; Clinical Practice IV</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

### Total Credits Required ......... 65 Credits

Licensed Practical Nurses (LPN) may also apply to continue their education by taking a transition course and then taking the final two semesters of the ADN program. This will lead to the awarding of the Associate Degree in Applied Science: Major in Nursing and prepares students for the licensure examination for registered nurses (NCLEX-RN).

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office. The LPN to ADN Transition program is accredited by the Accreditation Commission for Education in Nursing (ACEN).
Diploma in Applied Science: Major in Nursing (PN)

The Diploma in Applied Science with a Major in Nursing (PN) prepares graduates to provide direct patient care in a safe, effective manner across multiple settings and prepares students for licensure examination for practical nurses (NCLEX-PN). The course of study includes both theory presentation and supervised clinical experience at affiliating health care agencies.

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office.

Students will be required to participate in off-campus training in working clinical facilities therefore students will need reliable transportation, since assigned clinical sites are off campus. The nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN).

**GENERAL EDUCATION ........ 17 CREDITS**

| Humanities/Fine Arts                      | 3 credits |
| ENG 101 English Composition I            | 3 credits |

**Physical Science, Natural Science and Mathematics**

| BIO 210 Anatomy & Physiology I            | 4 credits |
| BIO 211 Anatomy & Physiology II           | 4 credits |
| MAT 110 College Algebra                   | 3 credits |
| Social/Behavioral Sciences                | 3 credits |
| PSY 201 General Psychology                | 3 credits |

**MAJOR COURSE REQUIREMENTS ............ 30 CREDITS**

| PNR 110 Fundamentals of Nursing           | 5 credits |
| PNR 122 Pharmacology                      | 3 credits |
| PNR 128 Medical-Surgical Nursing I        | 7 credits |
| PNR 138 Medical-Surgical Nursing II       | 7 credits |
| PNR 154 Maternal, Infant, and Child Nursing | 5 credits |
| PNR 181 Medical Calculations              | 1 credits |
| PNR 182 Nursing of the Older Adult         | 2 credits |

**TOTAL CREDITS REQUIRED ........ 47 CREDITS**
The Pre-Allied Health Certificate program provides students with the general academic background required to be successful in a variety of health care related fields. It is also designed to prepare students to meet prerequisites for admission into several health care specialty programs at ATC. Students will earn credits that help meet specific program prerequisites and apply toward program completion should the student be admitted to a selected program. Students should work closely with academic advisors to select courses that will help confirm their career choices and strengthen their academic skills.

### Emphasis: Expanded Duty Dental Assisting

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>3 Credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Science, Natural Science and Mathematics</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 112 Basic Anatomy &amp; Physiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 101 Beginning Algebra</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**Total Credits Required**: 16 Credits

### Emphasis: Radiologic Technology

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>3 Credits</td>
</tr>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Science, Natural Science and Mathematics</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 210 Anatomy &amp; Physiology I</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 110 College Algebra</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**Total Credits Required**: 16 Credits

### Emphasis: Surgical Technology

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>-OR-</td>
<td></td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Science, Natural Science and Mathematics</td>
<td>11 Credits</td>
</tr>
<tr>
<td>BIO 112 Basic Anatomy &amp; Physiology</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Course Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SUR 123 Sterile Processing Technology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SUR 125 Sterile Processing Practicum</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

**Total Credits Required**: 28 Credits
### Pre-Nursing Certificate
The student who successfully completes the Pre-Nursing Certificate will also have the necessary requirements to apply to the DAS Nursing and/or AAS Nursing Programs. To receive points for competitive admission, the student must score “A’s” and “B’s” in all courses.

Students need to work closely with academic advisors to select courses that will help confirm their career choices and strengthen their academic skills.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>SPC 205 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>BIO 210 Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 211 Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 225 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>MAT 110 College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>-OR-</td>
<td></td>
</tr>
<tr>
<td>MAT 120 Probability &amp; Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

### Perioperative Nursing Certificate
The Perioperative Nursing Certificate has been designed to provide graduates with the skills necessary to practice safely within their defined scope of practice to promote, protect and improve the health in the operating room. The student will complete the certificate with the necessary skills to function as an entry-level Perioperative Nurse.

**DISCLAIMER:** This Certificate program is an organized series of credit courses consisting of 9 credit hours and concentrates on study in a particular field. The certificate is intended to provide the graduate with the training necessary to receive a job in the applicable field. Courses are non-transferrable and are considered the beginning and ending of certification. The certificate does not build into any other diploma or degree.

**ENTRANCE REQUIREMENTS:** Admission to the college and the successful licensure in Georgia and South Carolina as a Registered Nurse with an unencumbered license

**EMPLOYMENT OPPORTUNITIES:** Operating Room in any hospital or surgical center setting

**Mandatory Requirements**

- Students must have evidence of valid AHA Healthcare Provider CPR certification, and preclinical orientation as applicable
- Completed health physical including required immunizations
- A criminal background check is required for clinical experiences
- Students must be able to attend all clinical experiences
- A negative 10-panel drug screen is required; random drug screens may be performed throughout the program

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUR 114 Surgical Specialty Practicum</td>
<td>7</td>
</tr>
<tr>
<td>SUR 120 Surgical Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . . . . 30 CREDITS**
Associate in Applied Science: Major in Radiologic Technology

The Associate in Applied Science with a Major in Radiologic Technology degree prepares entry-level individuals to take and successfully pass the certification examination administered by the American Registry of Radiologic Technologists (ARRT) and to develop good communication and strong interpersonal skills to be able to competently perform within the healthcare environment.

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office.

Students will be required to participate in off-campus training in working clinical facilities and therefore will need reliable transportation to get to these locations.

The Joint Review Committee on Education in Radiologic Technology (JRCERT) promotes excellence in education and elevates the quality and safety of patient care through the accreditation of educational programs in radiography, radiation therapy, magnetic resonance, and medical dosimetry. The JRCERT is the only agency recognized by the United States Department of Education (USDE) and the Council for Higher Education Accreditation (CHEA), for the accreditation of traditional and distance delivery educational programs in radiography, radiation therapy, magnetic resonance, and medical dosimetry.

GENERAL EDUCATION ........ 23 CREDITS

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>SPC 205 Public Speaking</td>
<td>3 credits</td>
</tr>
<tr>
<td>Select Humanities/Fine Arts courses totaling 3 credits from the course list</td>
<td></td>
</tr>
</tbody>
</table>

Physical Science, Natural Science and Mathematics .......... 11 credits

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 210 Anatomy and Physiology I</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 211 Anatomy and Physiology II</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 110 College Algebra</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

MAJOR COURSE REQUIREMENTS ............. 62 CREDITS

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAD 102 Radiology Patient Care Procedures</td>
<td>2 credits</td>
</tr>
<tr>
<td>RAD 101 Introduction to Radiography</td>
<td>2 credits</td>
</tr>
<tr>
<td>RAD 110 Radiographic Imaging I</td>
<td>3 credits</td>
</tr>
<tr>
<td>RAD 115 Radiographic Imaging II</td>
<td>3 credits</td>
</tr>
<tr>
<td>RAD 121 Radiographic Physics</td>
<td>4 credits</td>
</tr>
<tr>
<td>RAD 130 Radiographic Procedures I</td>
<td>3 credits</td>
</tr>
<tr>
<td>RAD 136 Radiographic Procedures II</td>
<td>3 credits</td>
</tr>
<tr>
<td>RAD 155 Applied Radiography I</td>
<td>5 credits</td>
</tr>
<tr>
<td>RAD 167 Applied Radiography II</td>
<td>7 credits</td>
</tr>
<tr>
<td>RAD 201 Radiation Biology</td>
<td>2 credits</td>
</tr>
<tr>
<td>RAD 205 Radiographic Pathology</td>
<td>2 credits</td>
</tr>
<tr>
<td>RAD 230 Radiographic Procedures III</td>
<td>3 credits</td>
</tr>
<tr>
<td>RAD 235 Radiography Seminar I</td>
<td>1 credits</td>
</tr>
<tr>
<td>RAD 256 Advanced Radiography I</td>
<td>6 credits</td>
</tr>
<tr>
<td>RAD 268 Advanced Radiography II</td>
<td>8 credits</td>
</tr>
<tr>
<td>RAD 278 Advanced Radiography III</td>
<td>8 credits</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS... 3 CREDITS

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED .... 88 CREDITS
Diploma in Applied Science: Major in Expanded-Duty Dental Assisting

The Diploma in Applied Science with a Major in Expanded-Duty Dental Assisting prepares the student to work closely with the dentist as a chair-side assistant, office manager and laboratory assistant providing preventative and restorative care.

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process.

Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office.

The program in dental assisting is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of “approval without reporting requirements”. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

Students will be required to participate in off-campus training in working clinical facilities and therefore will need reliable transportation to get to these locations. Students may be exposed to blood-borne pathogens or infectious diseases when in the clinical setting and are required to follow written infection control protocol. Students may obtain a copy of policies associated with bloodborne pathogens and infectious disease by contacting the EDDA program coordinator, Mrs. Amelia Johnson.

**GENERAL EDUCATION . . . . . . .13 CREDITS**

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**Physical Science, Natural Science and Mathematics**

| BIO 112 Anatomy and Physiology | 4 credits |
| MAT 101 Beginning Algebra      | 3 credits |

**Social/Behavioral Sciences**

| PSY 105 Personal/ Interpersonal Psychology | 3 credits |

<table>
<thead>
<tr>
<th><strong>MAJOR COURSE REQUIREMENTS . . . . . . .38 CREDITS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 113 Head and Neck Anatomy</td>
</tr>
<tr>
<td>DAT 105 Dental Charting and Documentation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DAT 113 Dental Materials</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAT 115 Ethics and Professionalism</td>
<td>1 credit</td>
</tr>
<tr>
<td>DAT 118 Dental Morphology</td>
<td>2 credits</td>
</tr>
<tr>
<td>DAT 121 Dental Health Education</td>
<td>2 credits</td>
</tr>
<tr>
<td>DAT 122 Dental Office Management</td>
<td>2 credits</td>
</tr>
<tr>
<td>DAT 123 Oral Medicine/Oral Biology</td>
<td>3 credits</td>
</tr>
<tr>
<td>DAT 124 Expanded Functions/Specialties</td>
<td>1 credit</td>
</tr>
<tr>
<td>DAT 127 Dental Radiography</td>
<td>4 credits</td>
</tr>
<tr>
<td>DAT 154 Clinical Procedures I</td>
<td>4 credits</td>
</tr>
<tr>
<td>DAT 164 Clinical Procedures II</td>
<td>4 credits</td>
</tr>
<tr>
<td>DAT 177 Dental Office Experience</td>
<td>7 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . .51 CREDITS**
Diploma in Applied Science: Major in Surgical Technology

The Diploma in Applied Science with a Major in Surgical Technology will provide students with the surgical technology skills needed for employment in medical facilities. Upon successful completion, the student will be eligible to take the national certification exam administered through The National Board of Surgical Technology and Surgical Assisting (NBSTSA).

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center and the Dean of Health Sciences Office, and the college website.

This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), on recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC-STSA). Graduates are eligible to take the national certification exam.

Students will be required to participate in off-campus training in working clinical facilities therefore students will need reliable transportation, since assigned clinical sites are off campus.

**GENERAL EDUCATION . . . . . . . . . . . . . . 17 CREDITS**

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Science, Natural Science and Mathematics</td>
<td>11 credits</td>
</tr>
<tr>
<td>BIO 112 Anatomy and Physiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 225 Microbiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 101 or higher</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology -OR-</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**MAJOR COURSE REQUIREMENTS . . . . . . . . . . . . . . . . . . . . 35 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SUR 101 Introduction to Surgical Technology</td>
<td>5 credits</td>
</tr>
<tr>
<td>SUR 102 Applied Surgical Technology</td>
<td>5 credits</td>
</tr>
<tr>
<td>SUR 103 Surgical Procedures I</td>
<td>4 credits</td>
</tr>
<tr>
<td>SUR 106 Advanced Surgical Procedures</td>
<td>2 credits</td>
</tr>
<tr>
<td>SUR 110 Introduction to Surgical Practicum</td>
<td>5 credits</td>
</tr>
<tr>
<td>SUR 113 Advanced Surgical Practicum</td>
<td>6 credits</td>
</tr>
<tr>
<td>SUR 116 Basic Surgical Procedures</td>
<td>3 credits</td>
</tr>
<tr>
<td>SUR 120 Surgical Seminar</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . . . . .52 CREDITS**
**Associate in Applied Science: Major in General Technology Emphasis in Paramedic**

The Associate in Applied Science: Major in General Technology Emphasis in Paramedic prepares the student to work in a pre-hospital setting.

Students applying for any of the Health Science Programs must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to each of these programs. The competitive admissions criteria is updated annually and students should review the current information for changes in the admissions process.

Information packets detailing the application process for each competitive admissions program are available in the Enrollment Services Center.

The program is currently seeking accreditation by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). A program graduate is eligible to take the National Registry of Emergency Medical Technicians.

Students will be required to participate in off-campus training in working clinical facilities and therefore will need reliable transportation to get to these locations. Students may be exposed to blood-borne pathogens or infectious diseases when in the clinical setting and are required to follow written infection control protocol. Students may obtain a copy of policies associated with blood-borne pathogens and infectious disease by contacting the Paramedic Program Director.

Aiken Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges. The paramedic program is seeking accreditation through Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions. Upon graduation, students receive the Associate in Applied Science Degree in Paramedic. Program graduates are eligible to apply for the National Registry of Emergency Medical Technician Certification. Individuals who pass the examination are known as Nationally Registered Paramedics.

Admission to the Associate in Applied Science with a Major in General Technology Emphasis in Paramedic program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students will need to complete all prerequisite and program courses with a grade of “C” or better. Candidates entering into EMS 111 or EMS 210 must have a current South Carolina or National Registry EMT Basic certification and maintain the certification throughout the course.

**GENERAL EDUCATION ........ 19 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Science, Natural Science and Mathematics</td>
<td>7 credits</td>
</tr>
<tr>
<td>MAT 155 Contemporary Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>BIO 112 Basic Anatomy and Physiology</td>
<td>4 credits</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td><strong>3 credits</strong></td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Other Requirements</strong></td>
<td><strong>6 credits</strong></td>
</tr>
<tr>
<td>CPT 101 Introduction to Computers</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Humanities/Fine Arts</strong></td>
<td><strong>3 credits</strong></td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**MAJOR COURSE REQUIREMENTS ............... 46 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Medical Technician: Basic</td>
<td>7 credits</td>
</tr>
<tr>
<td>EMS 110 Emergency Medical Technician</td>
<td>5 credits</td>
</tr>
<tr>
<td>EMS 212 EMS Field Internship</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

**Emergency Medical Technician: Advanced**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 111 Intermediate Emergency Care</td>
<td>5 credits</td>
</tr>
<tr>
<td>EMS 120 Pharmacology</td>
<td>3 credits</td>
</tr>
<tr>
<td>EMS 271 Advanced Emergency Operations</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

**Paramedic**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 151 Paramedic Clinical I</td>
<td>2 credits</td>
</tr>
<tr>
<td>EMS 210 Advanced Emergency Medical Care I</td>
<td>5 credits</td>
</tr>
<tr>
<td>EMS 217 Introduction to Electrocardiography</td>
<td>2 credits</td>
</tr>
<tr>
<td>EMS 231 Paramedic Clinical II</td>
<td>2 credits</td>
</tr>
<tr>
<td>EMS 220 Paramedic Internship I</td>
<td>3 credits</td>
</tr>
<tr>
<td>EMS 213 Advanced Emergency Medical Care II</td>
<td>4 credits</td>
</tr>
<tr>
<td>EMS 221 Paramedic Internship II</td>
<td>3 credits</td>
</tr>
<tr>
<td>EMS 119 EMS Operations</td>
<td>2 credits</td>
</tr>
<tr>
<td>EMS 272 Paramedic Capstone</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED ........ 65 CREDITS**
Emergency Medical Technician: Basic Certificate
This academic credit program provides instruction and practice in dealing with medical and traumatic emergencies. Topics include medical, legal and ethical issues, obtaining vital signs, airway management, oxygen administration, airway devices, CPR and AED operation, scene and patient assessments, physical examination, obtaining a medical history, pharmacology, medical emergencies such as heart attack, respiratory distress, strokes, diabetics and poisonings, traumatic injuries such as bleeding control, wound care, shock management, splinting fractures, motor vehicle collisions, and head and spine injuries. Also included are IV maintenance, obstetrics, childbirth, special patient populations, ambulance operations including communication, documentation, infection control, HAZMAT (Hazardous Materials), weapons of mass destruction, terrorism and mass casualty incidents and more. Use of diagnostic equipment, operation of stretchers and ambulances and skills related to prehospital emergency care will be covered in lab sessions and in internship on a 911 ambulance.

Graduates of the Emergency Medical Technician program may be eligible to participate in the National Registry of Emergency Medical Technicians’ (NREMT) practical and written certification examinations and are immediately employable upon certification.

Prior to enrollment in the EMS pathway, students must place into MAT 155.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>10 CREDITS</th>
<th>EMERGENCY MEDICAL TECHNICIAN: BASIC</th>
<th>7 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 155 Contemporary Mathematics</td>
<td>3 credits</td>
<td>EMS 110 Emergency Medical Technician</td>
<td>5 credits</td>
</tr>
<tr>
<td>BIO 112 Basic Anatomy and Physiology</td>
<td>4 credits</td>
<td>EMS 212 EMS Field Internship</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED: 17 CREDITS

Emergency Medical Technician: Advanced Certificate
This academic credit program provides instruction and practice in dealing with medical and traumatic emergencies. Topics include medical, legal and ethical issues, obtaining vital signs, airway management, oxygen administration, airway devices, CPR and AED operation, scene and patient assessments, physical examination, obtaining a medical history, pharmacology, medical emergencies such as heart attack, respiratory distress, strokes, diabetics and poisonings, traumatic injuries such as bleeding control, wound care, shock management, splinting fractures, motor vehicle collisions, and head and spine injuries. Also included are IV maintenance, obstetrics, childbirth, special patient populations, ambulance operations including communication, documentation, infection control, HAZMAT (Hazardous Materials), weapons of mass destruction, terrorism and mass casualty incidents and more. Use of diagnostic equipment, operation of stretchers and ambulances and skills related to prehospital emergency care will be covered in lab sessions and in internship on a 911 ambulance.

Graduates of the Advanced Emergency Medical Technician program may be eligible to participate in the National Registry of Emergency Medical Technicians’ (NREMT) practical and written certification examinations and are immediately employable upon certification.

To be accepted into this program, candidate must have a current South Carolina or National Registry EMT Basic certification.

Prior to enrollment in the EMS pathway, students must place into MAT 155.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>10 CREDITS</th>
<th>EMERGENCY MEDICAL TECHNICIAN: ADVANCED</th>
<th>12 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 155 Contemporary Mathematics</td>
<td>3 credits</td>
<td>EMS 111 Intermediate Emergency Care</td>
<td>5 credits</td>
</tr>
<tr>
<td>BIO 112 Basic Anatomy and Physiology</td>
<td>4 credits</td>
<td>EMS 120 Pharmacology</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
<td>EMS 271 Advanced Emergency Operations</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED: 22 CREDITS
Patient Care Assistant Certificate

**DISCLAIMER:** This certificate program is an organized series of credit courses, consisting of 22 credit hours and concentrates on study in a particular field. The certificate is intended to provide the graduate with the training necessary to receive a job in the applicable field. Courses are non-transferrable and are considered the beginning and ending of certification. The certificate does not build into any other diploma or degree.

**MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 117 Certified Nursing Assistant</td>
<td>4 credits</td>
</tr>
<tr>
<td>AHS 163 Long-Term Care</td>
<td>5 credits</td>
</tr>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3 credits</td>
</tr>
<tr>
<td>AHS 143 Phlebotomy Skills</td>
<td>6 credits</td>
</tr>
<tr>
<td>AHS 179 Cardiac Monitoring Practicum</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 112 Basic Anatomy and Physiology</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS........26 CREDITS**

**Mission Statement**

The Patient Care Assistant Program offers a certificate that has been designed to provide graduates with the skills necessary to practice safely within their defined scope of practice to promote, protect and improve the health of diverse communities. The student will graduate with the necessary skills to function as an entry-level patient care technician.

**Entrance Requirements**

☑ Admission to the college and the successful completion of the Work Keys Assessments (Reading for information, Applied Math and Locating Information). Applicants may also opt to take the Aiken Technical College Placement Test (Accuplacer) as part of the admissions process.

☑ Applicant must have a high school diploma and be at least 18 years old (unless taking advantage of the Dual Enrollment process).

**Type of Program**

☑ The program is offered at various times and is completed in two semesters.

☑ Graduates of this program are eligible to apply to take the Competency Exams for state certification in Phlebotomy, Electrocardiography and Certified Nursing Assistant (must be taken within one year of completion of courses). A C or better is required in all core courses.

**Type of Degree:** Certificate

**Employment Opportunities:** Hospitals, doctors’ offices, medical clinics, nursing homes, home health

This program provides students with the knowledge and skills to prepare for a position as a patient care technician, which is an unlicensed, assistive person working under the direction and supervision of a registered nurse.

**Mandatory Requirements once accepted into the program:**

☑ Students must have evidence of valid AHA Healthcare Provider CPR certification, and preclinical orientation as applicable.

☑ Completed health physical including required immunizations prior to starting the PCA program.

☑ A criminal background check is required for clinical experiences.

☑ Students must be able to attend all clinical experiences.

☑ A negative 10-panel drug screen is required. Random screens can be performed throughout the program.

☑ After registering for the PCA program, students are required to attend a scheduled mandatory orientation meeting.
Advanced Patient Care Assistant Certificate

The Advanced Patient Care Assistant (APCA) Certificate provides additional education and training for those who have completed the Patient Care Assistant Certificate. It provides an opportunity for Patient Care Assistants to expand their knowledge and technical skills to function as a Dialysis Technician and Unit Clerk. The APCA is a two semester 18 credit hour certificate.

DISCLAIMER: This certificate program is an organized series of credit courses, consisting of 18 credit hours and concentrates on study in a particular field. The certificate is intended to provide the graduate with the training necessary to receive a job in the applicable field of study. Courses are non-transferrable and are considered the beginning and ending of certification.

FIRST SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>AHS 222 Introduction to Dialysis Technician</td>
<td>2</td>
</tr>
<tr>
<td>AHS 223 Dialysis Technician Practicum</td>
<td>4</td>
</tr>
</tbody>
</table>

SECOND SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 105 Medical Law &amp; Ethics</td>
<td>2</td>
</tr>
<tr>
<td>AHS 131 Computers in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>AHS 176 Patient Care Clerical Principles (Unit Clerk)</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL CREDIT HOURS 18 CREDITS

Pharmacy Technician Certificate

The Pharmacy Technician Certificate provides comprehensive quality training to students desiring to work as pharmacy technicians under the supervision of a licensed pharmacist. Students learning outcomes will include interpersonal knowledge and skills, medications and medication orders, dosage calculations, sterile and non-sterile compounding concepts, billing reimbursement and inventory management, patient and medication safety, technology and informatics, regulatory issues, and quality assurance to pharmacy operations.

After acceptance to the college, students must complete an additional application, schedule an information session with the Pharmacy Technician Program Coordinator, and be accepted into the Pharmacy Technician Program. Certain prerequisites must be completed prior to a student being admitted to this programs as listed below. See the Enrollment Services Center or department chair for further information.

The admission criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each admission program can be downloaded from the ATC website or are available in the Enrollment Services Center.

In addition, the student must complete a physical exam, provide proof of immunizations, pass a background check/ drug screening, complete a BLS course, purchase a uniform and ATC patch, obtain SC/GA state boards of pharmacy licensure and have student liability insurance.

Students will be required to participate in off-campus training in clinical facilities. Therefore, students will need reliable transportation since assigned clinical sites are off campus. The Pharmacy Technician Certificate is accredited by the ASHP/ACPE Accredited: American Society for Health System Pharmacists/Accreditation Council for Pharmacy Education.

GENERAL EDUCATION ........ 6 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 160 Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENG 101 English Composition I</td>
<td></td>
</tr>
<tr>
<td>AND SPC 205 Public Speaking can be substituted for ENG 160: Technical Communications</td>
<td></td>
</tr>
<tr>
<td>MAT 101 Beginning Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

MAJOR COURSE REQUIREMENTS ........... 33 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS 102 Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>PHM 101 Introduction to Pharmacy</td>
<td>3</td>
</tr>
<tr>
<td>PHM 102 Computer Applications for Pharmacy</td>
<td>2</td>
</tr>
<tr>
<td>PHM 110 Pharmacy Practice</td>
<td>4</td>
</tr>
<tr>
<td>PHM 112 Pharmacy Math</td>
<td>2</td>
</tr>
<tr>
<td>PHM 113 Pharmacy Calculations</td>
<td>3</td>
</tr>
<tr>
<td>PHM 114 Therapeutic Agents</td>
<td>3</td>
</tr>
<tr>
<td>PHM 118 Community Pharmacy Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PHM 124 Therapeutic Agents II</td>
<td>3</td>
</tr>
<tr>
<td>PHM 152 Pharmacy Technician Practicum I</td>
<td>2</td>
</tr>
<tr>
<td>PHM 164 Pharmacy Technician Practicum II</td>
<td>4</td>
</tr>
<tr>
<td>PHM 250 Special Topics in Pharmacy</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED ........ 39 CREDITS
**Medical Coding Certificate**

The medical coder is a health information professional trained to assign diagnostic and procedural codes, applying classification systems for optimal reimbursement in a variety of health care settings. The medical coder will establish a familiarity with other coding and classification systems utilized in nontraditional health care settings as well as reimbursement-related issues and skills including DRG assignment/validation, federal reimbursement systems and operations of third party payers and billing departments. Students completing the program are encouraged to sit for the national certification examinations administered by the American Health Information Management Association (AHIMA) and/or the American Academy of Professional Coders (AAPC).

After acceptance to the college, students must complete an additional application and be accepted into the medical coding program. Certain prerequisites must be completed prior to a student being admitted to this program or taking any of the HIM courses listed below. See the Enrollment Services Center or department chair for further information.

Hands-on coding practice will be achieved in virtual lab settings, and when possible, at clinical sites located throughout the community.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION ........ 10 CREDITS</th>
<th>MAJOR COURSE REQUIREMENTS ...............26 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts ........ 3 Credits</td>
<td>AHS 105 Medical Law and Ethics .................. 2 credits</td>
</tr>
<tr>
<td>ENG 101 English Composition I ........ 3 credits</td>
<td>AHS 121 Basic Pharmacology ...................... 2 credits</td>
</tr>
<tr>
<td>Physical Science, Natural Science and Mathematics ........ 7 Credits</td>
<td>HIM 102 Introduction to Coding and Classification Systems .......... 1 credit</td>
</tr>
<tr>
<td>MAT 101 Beginning Algebra ........ 3 credits</td>
<td>HIM 130 Billing and Reimbursement .................. 3 credits</td>
</tr>
<tr>
<td>*BIO 112 Basic Anatomy &amp; Physiology ........ 4 credits</td>
<td>HIM 135 Medical Pathology .................... 3 credits</td>
</tr>
<tr>
<td>OTHER REQUIREMENTS ........ 3 CREDITS</td>
<td>HIM 140 Current Procedural Terminology I .......... 3 credits</td>
</tr>
<tr>
<td>* AHS 102 Medical Terminology ........ 3 credits</td>
<td>HIM 141 Current Procedural Terminology II .......... 3 credits</td>
</tr>
<tr>
<td>* Must be successfully completed prior to taking any HIM courses.</td>
<td>HIM 150 Coding Practicum I .................... 3 credits</td>
</tr>
<tr>
<td></td>
<td>HIM 216 Coding and Classification I ........ 3 credits</td>
</tr>
<tr>
<td></td>
<td>HIM 225 Coding and Classification II ........ 3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED ............39 CREDITS**
Medical Assistant Certificate

The Medical Assistant Certificate Program prepares the student to assist the physician in performing selected diagnostic tests as well as business office procedures.

Students applying for the Medical Assistant Program must go through a separate application process after being admitted to the college. There are additional requirements in order to qualify for admission to this program. The admission criteria is updated annually and students should review the current information for changes in the admissions process. Information packets detailing the application process for each admission program can be downloaded from the ATC website or are available in the Enrollment Services Center and the Dean of Health Sciences Office.

In addition, the student must complete a physical exam, provide proof of immunizations, pass a background check, pass a drug screen check and have student liability insurance.

The Medical Assistant Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Medical Assisting Education Review Board (MAERB).

Students will be required to participate in off-campus training in working clinical facilities therefore students will need reliable transportation, since assigned clinical sites are off campus.

### GENERAL EDUCATION . . . . . . .13 CREDITS

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>3 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Science, Natural Science and Mathematics</th>
<th>7 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 112 Basic Anatomy and Physiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 101 Beginning Algebra</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social/Behavioral Sciences</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201 General Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

### MAJOR COURSE REQUIREMENTS . . . . . . .27 CREDITS

<table>
<thead>
<tr>
<th>AHS 102 Medical Terminology</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED 103 Medical Assisting Introduction</td>
<td>3 credits</td>
</tr>
<tr>
<td>MED 105 Medical Assisting Office Skills I</td>
<td>5 credits</td>
</tr>
<tr>
<td>MED 107 Medical Office Management</td>
<td>4 credits</td>
</tr>
<tr>
<td>MED 112 Medical Assisting Pharmacology</td>
<td>2 credits</td>
</tr>
<tr>
<td>MED 114 Medical Assisting Clinical Procedures</td>
<td>4 credits</td>
</tr>
<tr>
<td>MED 156 Clinical Experience I</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

### TOTAL CREDITS REQUIRED . . .40 CREDITS
Pre-Physical Therapist Assistant Certificate (Phase I)

The Pre-Physical Therapist Assistant Certificate contains general education courses required for application to the Physical Therapist Assistant Associate Degree Program.

The Physical Therapist Assistant is a skilled technical healthcare worker who carries outpatient treatment programs under the supervision of a physical therapist. The assistant works to relieve pain and/or increase function in patients via therapeutic application of heat, cold, light, water, electricity, sound, massage, exercise, gait and functional activity.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION ........ 23 CREDITS</th>
<th>Social/Behavioral Sciences 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td>ENG 101 English Composition I</td>
<td>PSY 201 General Psychology 3 credits</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>PSY 203 Human Growth &amp; Development</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Science, Natural Science</td>
<td>ADDITIONAL REQUIREMENTS ... 3 CREDITS</td>
</tr>
<tr>
<td>and Mathematics</td>
<td></td>
</tr>
<tr>
<td>BIO 210 Anatomy &amp; Physiology I</td>
<td>AHS 102 Medical Terminology 3 credits</td>
</tr>
<tr>
<td>BIO 211 Anatomy &amp; Physiology II</td>
<td></td>
</tr>
<tr>
<td>MAT 120 Probability and Statistics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL CREDITS ... 26</td>
</tr>
</tbody>
</table>
Associate in Applied Science: Major in Computer Technology

Students majoring in Computer Technology may select an emphasis in either Networking or Programming. The major requirements for both emphasis areas are the same and allow the student to study operating systems, computer hardware, programming languages, web page creation, database management and system analysis and design.

The Networking emphasis provides students with the knowledge and skills in hardware and software-specific concepts needed to install, maintain and troubleshoot today’s complex interconnected business systems.

The Programming emphasis provides students with the knowledge and skills in desktop and web programming languages and software applications needed to create, maintain, and troubleshoot software systems and web sites for today’s businesses.

Admission to the Associate in Applied Science with a Major in Computer Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.
**Computer Networking Certificate**

Graduates who earn the Computer Networking Certificate have the training and skills necessary to design, build and install personal computers and network systems. Personal computer troubleshooting, high-level TCP/IP design and active directory administration are among the skills taught in this certificate.

Admission to the Computer Networking Certificate is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**GENERAL EDUCATION ........ 21 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 160 CPT 209 Computer Systems</td>
<td>3</td>
</tr>
<tr>
<td>CPT 257 Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>IST 201 Cisco Internetworking Concepts</td>
<td>3</td>
</tr>
<tr>
<td>IST 202 Cisco Router Configuration</td>
<td>3</td>
</tr>
<tr>
<td>IST 203 Advanced Cisco</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . 21 CREDITS**

---

**Internet Programming Certificate**

The Internet Programming Certificate prepares students with the skills and training in programming techniques to create, maintain, and troubleshoot web pages and web sites that contain complex programming for E-commerce, dynamic content delivery from databases, and continual updates of web page layout.

Admission to the Internet Programming Certificate is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**GENERAL EDUCATION ........ 21 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 162 Introduction to Web Page Publishing</td>
<td>3</td>
</tr>
<tr>
<td>CPT 212 Visual Basic Programming</td>
<td>3</td>
</tr>
<tr>
<td>CPT 232 C++ Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CPT 238 Internet Scripting</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . 21 CREDITS**

---

**Computer Game Design Certificate**

The Computer Game Design Certificate provides students with the skills to understand and apply computer game design and development concepts. Students are prepared for entry-level employment in game design and related fields. Topics covered include game programming fundamentals, game math and physics, 2D and 3D graphics, and animation.

Admission to the Computer Game Design Certificate is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**GENERAL EDUCATION ........ 21 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 208 Special Topics in Computer Technology</td>
<td></td>
</tr>
<tr>
<td>CPT 212 Visual Basic Programming</td>
<td>3</td>
</tr>
<tr>
<td>CPT 232 C++ Programming I</td>
<td>3</td>
</tr>
<tr>
<td>CPT 233 C++ Programming II</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . 21 CREDITS**
Associate in Applied Science: Major in Network Systems Management

The Network Systems Management degree is an ideal degree path for students with prior learning experiences. The intent of the program is to allow students to attain this degree without having to attend Aiken Technical College as traditional students. Students will be able to complete the proposed degree program with a combination of approved military training courses, Aiken Technical College on-line courses and industry recognized Information Technology certifications that align with courses in the degree.

Admission to the Associate in Applied Science with a Major in Network Systems Management program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION ........ 15 CREDITS

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

*Select Humanities/Fine Arts courses totaling 6 credits from the course list.*

<table>
<thead>
<tr>
<th>Physical Sciences, Natural Sciences and Mathematics</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 102 Intermediate Algebra</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social/Behavioral Sciences</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Select Social/Behavioral Sciences courses totaling 3 credits from the course list.*

MAJOR COURSE REQUIREMENTS ............ 45 CREDITS

<table>
<thead>
<tr>
<th>CPT 101 Introduction to Computers</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 209 Computer Systems Management (A+)</td>
<td>3 credits</td>
</tr>
<tr>
<td>CPT 257 Operating Systems (Proctored Exemption)</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 201 Cisco Internetworking Concepts (CCNA1)</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 202 Cisco Router Configuration (CCNA2)</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 203 Advanced Cisco Router Configuration (CCNA3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 204 Cisco Troubleshooting (CCNA4)</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IST 241 Network Architecture 1 (Network+)</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 263 Server Network Configuration (Server+)</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 290 Special Topics</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 291 Network Security 1 (Security+)</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

*Select ONE course from the following:*

<table>
<thead>
<tr>
<th>IST 222 Data Communications</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 259 Electronic Messaging</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

*Select ONE course from the following:*

<table>
<thead>
<tr>
<th>IST 246 Integrated Digital Network</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 265 Windows Directory Service</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

*Select ONE course from the following:*

<table>
<thead>
<tr>
<th>CPT 242 Database</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 295 Fundamentals of Voice over IP</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

*Select ONE course from the following:*

<table>
<thead>
<tr>
<th>IST 261 Advanced Network Administration</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 292 Network Security 2 (CCNA Security)</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED ........ 60 CREDITS
Cyber-Security Networking Certificate

Graduates who earn the Cyber-Security Networking Certificate have the training and skills necessary to successfully prevent, troubleshoot and mitigate security issues on computing devices in a networked environment. Students will learn how to design secure networks as well as how to secure existing networks. Students will learn about threats to networks and the function and use of security tools to detect and remediate insecure networks.

Admission to the Cyber-Security Networking Certificate program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a “C” or better.

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
<th>18 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 257 Operating Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 201 Cisco Internetworking Concepts</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 202 Cisco Router Configuration</td>
<td>3 credits</td>
</tr>
<tr>
<td>IST 267 Network Vulnerability Assessment</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

| IST 268 Computer Forensics | 3 credits |
| IST 291 Fundamentals of Network Security I | 3 credits |

TOTAL CREDITS REQUIRED . . . 18 CREDITS
MANUFACTURING PROGRAMS

Associate in Applied Science: Major in Industrial Maintenance Technology

The Associate in Applied Science with a Major in Industrial Maintenance Technology degree combines the detailed study of Industrial Electricity/ Electronics and Industrial Maintenance Mechanics to prepare the student to be an electromechanical technician capable of the installation, repair and calibration of both basic and contemporary types of industrial machinery. The program’s goal is to produce a graduate with the workmanship, design and problem solving capabilities to allow him/her to excel as a multi-trade technician.

Admission to the Associate in Applied Science with a Major in Industrial Maintenance program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION .......... 15 CREDITS
Communication 3 credits
ENG 160 Technical Communications 3 credits
Humanities/Fine Arts 3 credits
PHI 110 Ethics 3 credits
Physical Sciences, Natural Sciences and Mathematics 3 credits
MAT 155 Contemporary Mathematics 3 credits
Social/Behavioral Sciences 6 credits
PSY 105 Personal/Interpersonal Psychology 3 credits
SOC 101 Introduction to Sociology 3 credits

MAJOR REQUIREMENTS ........... 46 CREDITS
CIM 131 Computer Integrated Manufacturing* 3 credits
EEM 145 Control Circuits 3 credits
EEM 162 Process Control 3 credits
EEM 166 Commercial/Industrial Wiring 4 credits
EEM 201 Electronics Devices I 3 credits
EEM 215 DC/AC Machines 3 credits
EEM 221 DC/AC Drives 3 credits
EEM 251 Programmable Controllers 3 credits
EEM 275 Technical Troubleshooting 3 credits
EET 140 Digital Electronics* 3 credits
IMT 113 Power Tools Operations 2 credits
IMT 121 Drive Systems 2 credits
IMT 122 Couplings 2 credits
IMT 126 Introduction to Mechanical Installation 2 credits
IMT 131 Hydraulics and Pneumatics 4 credits
IMT 151 Piping Systems 3 credits

ADDITIONAL REQUIREMENTS . . . 9 CREDITS
EGR 105 Safety in the Workplace 1 credit
EGT 123 Industrial Print Reading 2 credits
MTT 145 Machining of Metals 3 credits
WLD 130 Welding Fundamentals 3 credits

TOTAL CREDITS REQUIRED .... 70 CREDITS
### Electrical/Maintenance Certificate

The Electrical/Maintenance Certificate develops competencies in electrical and mechanical areas as related to Maintenance Mechanics.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION . . . . . . . 6 CREDITS</th>
<th>IMT 113 Power Tools Operations 2 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 160 Technical Communications 3 credits</td>
<td>IMT 121 Drive Systems 2 credits</td>
</tr>
<tr>
<td>MAT 155 Contemporary Mathematics 3 credits</td>
<td>IMT 122 Couplings 2 credits</td>
</tr>
</tbody>
</table>

**MAJOR REQUIREMENTS . . . . . . . 21 CREDITS**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEM 145 Control Circuits</td>
<td>3 credits</td>
</tr>
<tr>
<td>EEM 166 Commercial/Industrial Wiring</td>
<td>4 credits</td>
</tr>
<tr>
<td>EEM 215 DC/AC Machines</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . 27 CREDITS**

### Associate in Applied Science:

**Major in General Technology - Emphasis in Welding Technology**

The Associate in Applied Science with a Major in General Technology with Emphasis in Welding Technology degree provides students with the practical skills necessary for welding practices, theories and techniques, metallurgy, quality assurance and welding design.

Admission to the Associate in Applied Science with a Major in General Technology, Emphasis in Welding Technology degree is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair.

Admission to the Associate in Applied Science with a Major in General Technology Emphasis in Welding Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION . . . . . . . 15 CREDITS</th>
<th>WLD 132 Gas Tungsten Arc Welding - Ferrous 4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>WLD 141 Weld Quality 2 credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communications 3 credits</td>
<td>WLD 170 Qualification Welding 4 credits</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>WLD 225 ARC Welding Pipe I 4 credits</td>
</tr>
</tbody>
</table>

**Physical Sciences, Natural Sciences and Mathematics**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 155 Contemporary Mathematics 3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**Social/Behavioral Sciences**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 105 Personal/ Interpersonal Psychology 3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>SOC 101 Introduction to Sociology 3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**MAJOR REQUIREMENTS . . . . . . . 33 CREDITS**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLD 108 Gas Metal Arc Welding 4 credits</td>
<td>WLD 111 Arc Welding I 4 credits</td>
</tr>
<tr>
<td>WLD 111 Arc Welding I 4 credits</td>
<td>WLD 113 Arc Welding II 4 credits</td>
</tr>
<tr>
<td>WLD 117 Specialized Arc Welding 4 credits</td>
<td>WLD 130 Welding Fundamentals 3 credits</td>
</tr>
<tr>
<td>WLD 201 Welding Metallurgy 2 credits</td>
<td>CPT 101 Intro to Computers 3 credits</td>
</tr>
</tbody>
</table>

**SECONDARY REQUIREMENTS . . . .12 CREDITS**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMT 113 Power Tool Operations 2 credits</td>
<td>EGT 117 Welding Print Principles 2 credits</td>
</tr>
<tr>
<td>EGT 123 Industrial Print Reading 2 credits</td>
<td>IMT 219 Maintenance Welding 3 credits</td>
</tr>
<tr>
<td>MTT 145 Machining of Metals 3 credits</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**OTHER COURSES . . . . . . . . 8 CREDITS**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLD 208 Advanced Pipe Welding 3 credits</td>
<td>CPT 101 Intro to Computers 3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . 68 CREDITS**
**General Education**

- MAT 155 Contemporary Mathematics: 3 credits

**Major Requirements**

- EGT 117 Welding Print Principles: 2 credits
- WLD 117 Specialized Arc Welding: 4 credits
- WLD 141 Weld Quality: 2 credits

**Total Credits Required: 27 Credits**

---

**Welding Certificate**

The Welding Certificate is designed for students that can demonstrate basic welding skills. The Certificate courses cover welding symbols, common weld metal discontinuities, AWS and ASME welder performance qualification requirements and destructive and nondestructive testing methods. Welding proficiency of SMAW, FCAW of full penetration welds on mild steel and GTAW and GMAW of fillet and full penetration welds on aluminum will be accomplished. Students will become proficient in all positions of SMAW and GTAW Pipe.

Admission to the Welding Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair or welding faculty.

**Associate in Applied Science: Major in General Technology - Emphasis in Heating, Ventilation, Air Conditioning**

The Associate in Applied Science with a Major in General Technology with Emphasis in Heating, Ventilation, Air Conditioning degree provides students with the skills necessary for the installation, repair and calibration of air conditioning, refrigeration and heating systems.

Admission to the Associate in Applied Science with a Major in General Technology Emphasis in Heating, Ventilation, Air Conditioning program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**General Education**

- Humanities/Fine Arts: 6 credits
  - ENG 160 Technical Communications: 3 credits
  - PHI 110 Ethics: 3 credits

- Physical Sciences, Natural Sciences and Mathematics: 3 credits
  - MAT 155 Contemporary Mathematics: 3 credits

- Social/Behavioral Sciences: 6 credits
  - PSY 105 Personal/Interpersonal Psychology: 3 credits
  - SOC 101 Introduction to Sociology: 3 credits

**Major Requirements**

- ACR 101 Fundamentals of Refrigeration: 5 credits
- ACR 110 Heating Fundamentals: 4 credits
- ACR 120 Basic Air Conditioning: 4 credits
- ACR 131 Commercial Refrigeration: 4 credits
- ACR 140 Automatic Controls: 3 credits

**Total Credits Required: 64 Credits**
**Heating, Ventilation, Air Conditioning and Refrigeration Certificate**

The Heating, Ventilation, Air Conditioning and Refrigeration Certificate provides students with those additional skills necessary for the installation, repair and calibration of air conditioning, refrigeration and heating systems.

Admission to the Heating, Ventilation, Air Conditioning, and Refrigeration Certificate is restricted to those students who have an associate degree or higher education in a related technical discipline. The Certificate supplements previous education by providing the student with the opportunity to develop the skills necessary as a heating, ventilation, and air conditioning technician.

**GENERAL EDUCATION . . . . . . . 3 CREDITS**

MAT 155 Contemporary Mathematics 3 credits

**MAJOR REQUIREMENTS . . . . . . . 5 CREDITS**

ACR 101 Fundamentals of Refrigeration 5 credits
ACR 110 Heating Fundamentals 4 credits
ACR 120 Basic Air Conditioning 4 credits
ACR 131 Commercial Refrigeration 4 credits

**ADDITIONAL REQUIREMENTS . . . 9 CREDITS**

EEM 117 AC/DC Circuits 4 credits
EGT 123 Industrial Print Reading 2 credits

**TOTAL CREDITS REQUIRED . . . 34 CREDITS**

**Computerized Numerical Control (CNC) Certificate**

The Computerized Numerical Control Certificate is for machinists desiring to upgrade or start CNC programming. This program includes the principles of CNC and programming, as well as Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM).

Admission to the Computerized Numerical Control (CNC) Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate in Computerized Numerical Control (CNC) is designed to enhance skills of those who are experienced machinist desiring to upgrade or start CNC programming.

*Note: Twelve semester-hours in Machine Tool or equivalent related experience approved by the department chair is required for admission to the certificate.*

**GENERAL EDUCATION . . . . . . . 3 CREDITS**

MAT 155 Contemporary Mathematics 3 credits

**MAJOR REQUIREMENTS . . . . . . . 30 CREDITS**

EGR 105 Safety in Workplace 1 credits
EGT 123 Industrial Print Reading 2 credits
EGT 130 Geometric Dimensioning/Tolerancing Applications 3 credits
EGT 152 Fundamentals of CAD 3 credits
IMT 113 Power Tools Operations 2 credits

MTT 123 Machine Tool Theory II 3 credits
MTT 143 Precision Measurements 2 credits
MTT 145 Machining of Metals 3 credits
MTT 171 Industrial Quality Control 2 credits
MTT 250 Principles of CNC 3 credits
MTT 254 CNC Programming I 3 credits
CIM 131 Computer Integrated Manufacturing 3 credits

**TOTAL CREDITS REQUIRED . . . 33 CREDITS**
Basic Tower and Wireless Installation Certificate

The Basic Tower and Wireless Installation Certificate is intended to provide the student with the necessary theory and hands-on education necessary to receive a job in the applicable field. Topics covered include safety, basic rigging and fall protection, principles of electricity, fiber optics, wireless technology, cell components, antenna basics, and spectrum management. Students can progress to the Advanced Tower and Wireless Installation Certificate and work towards the Associate in Applied Science: Major in General Technology – Emphasis in Tower & Wireless Technology.

COURSE REQUIREMENTS . . . . . . . 16 CREDITS

All courses will be offered during 7 week (M-F, 8-5) mini terms each semester.

- AHS 120 Responding to Emergencies (First Aid, CPR, OSHA) 2 credits
- ELW 101 Introduction to Wireless Technology 1 credit
- ELW 102 Introduction to Tower Safety 3 credits
- ELW 103 Introduction to Cable Accessories & Standards 2 credits
- ELW 111 Introduction to Electrical Line Worker 3 credits
- ELW 114 Introduction to Overhead Line Construction I 3 credits
- ELT 251 Special Topics in Electronics (Telecommunications) 2 credits

TOTAL CREDITS REQUIRED . . . 16 CREDITS

Advanced Tower and Wireless Installation Certificate

The Advanced Tower and Wireless Installation Certificate furthers the education of graduates of the Basic Tower and Wireless Installation Certificate or current industry workers that have field and on the job experience. The Advanced certificate prepares students for the intermediate level positions in the industry. This certificate shall be available to existing industry workers as well as graduates of the Basic Tower and Wireless Installation Certificate and all courses will be available to the students in an online and hybrid format. The certificate courses will introduce new information and build on existing fundamentals with scenario based examination of situations to provide the most desirable outcomes.

Graduates from the existing Basic Tower and Wireless Installation Certificate may enroll in the Advanced Tower and Wireless Installation Certificate. Existing industry workers must show mastery of all subjects in the Basic Tower and Wireless Installation Certificate through a prior learning assessment that will include written and practical assessment. Enrollment will require wireless instructor approval.

Both certificates, herein named, lead to a student earning an Associate in Applied Science: Major in General Technology - Emphasis in Tower & Wireless Technology.

MAJOR REQUIREMENTS . . . . .16 CREDITS

- ELW 104 Advanced Rigging Techniques 2 credits
- ELW 105 A&L Mapping and Structural Inspections 3 credits
- ELW 107 Siting and Zoning 3 credits
- TEL 106 Civil & Ground for Wireless Telecom 3 credits
- TEL 107 Wireless Carrier Cellular Technician 4 credits
- TEL 108 Elements of a Telecom Job 1 credit

TOTAL CREDITS REQUIRED . . . 16 CREDITS

Type of Program: Certificate

Requirements once accepted into the program:

- ✓ Possess the physical ability, agility and desire to work outdoors
- ✓ Possess the physical ability to lift and carry up to 70lbs
- ✓ Interested in working flexible hours
- ✓ After registering for the Tower Installation program, students are required to attend a scheduled orientation on the first day of the five week period.
## NUCLEAR PROGRAMS

### Associate of Applied Science: Major in Nuclear Quality Systems

The Associate in Applied Science with a Major in Nuclear Quality Systems (NQS) provides the student with the opportunity to develop the skills necessary to perform quality assurance and quality control duties for construction, operation, maintenance, and manufacturing activities. The program offers two emphasis areas: Quality Control, which focuses on practices, techniques, and inspections in the fields of mechanical technology, electrical technology, and instruments and control technology; Quality Assurance which focuses on types of quality systems and standards, programmatic compliance audits, continuous improvement processes, management of QA records and documentation, and problem solving/critical thinking.

Admission to the Associate in Applied Science with a Major in Nuclear Quality Systems program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

### General Education  15 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>9</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>ENG 260 Advanced Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 155 Contemporary Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>- OR -</td>
<td></td>
</tr>
<tr>
<td>MAT 102 Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Nuclear Quality Systems Core Courses  18 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 101 Introduction to Nuclear Quality Systems</td>
<td>3</td>
</tr>
<tr>
<td>NQS 105 Nuclear Quality Standards and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>NQS 120 Overview of Associated Nuclear Quality Programs</td>
<td>3</td>
</tr>
<tr>
<td>NQS 110 Introduction to Nuclear Quality Control Inspection</td>
<td>3</td>
</tr>
<tr>
<td>NQS 111 Introduction to Nuclear Quality Assurance Audits</td>
<td>3</td>
</tr>
<tr>
<td>QAT 202 Metrology &amp; Calibration</td>
<td>3</td>
</tr>
</tbody>
</table>

### Nuclear Technology Core Course Requirements  8 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET 105 Reactor Components and Systems</td>
<td>3</td>
</tr>
<tr>
<td>NET 130 Radiation Protection</td>
<td>3</td>
</tr>
<tr>
<td>NET 237 Nuclear Reactor Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

### Nuclear Quality Control Inspector Track  12 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 211 Mechanical Inspection I</td>
<td>3</td>
</tr>
<tr>
<td>NQS 212 Mechanical Inspection II</td>
<td>3</td>
</tr>
<tr>
<td>NQS 201 Electrical and I/C Inspection I</td>
<td>3</td>
</tr>
<tr>
<td>NQS 202 Electrical and I/C Inspection II</td>
<td>3</td>
</tr>
</tbody>
</table>

### Nuclear Quality Assurance Auditor Track  12 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 221 Nuclear Quality Assurance Auditor</td>
<td>3</td>
</tr>
<tr>
<td>NQS 222 Nuclear Quality Assurance Lead Auditor</td>
<td>3</td>
</tr>
<tr>
<td>NQS 261 Nuclear Quality Engineering Principles I</td>
<td>3</td>
</tr>
<tr>
<td>NQS 262 Nuclear Quality Engineering Principles II</td>
<td>3</td>
</tr>
</tbody>
</table>

### Other Course Requirements  11 Credits

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>EGR 105 Safety in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>EGT 123 Industrial Printing</td>
<td>2</td>
</tr>
<tr>
<td>MTT 143 Precision Measurements</td>
<td>2</td>
</tr>
</tbody>
</table>

### Nuclear Quality Control Inspector Track  12 Credits

### Nuclear Quality Assurance Auditor Track  12 Credits

### Total Credits Required  64 Credits

81
Certificate of Applied Science: Major in Nuclear Quality Engineering Principles

This certificate is designed to develop the skills necessary to perform quality engineering duties related to the design of construction, operation, maintenance, and manufacturing related projects. These duties include understanding types of quality systems and standards, following the continuous improvement process (plan, do, check, act), planning programmatic compliance audits, managing records and documentation, applying quality assurance practices to the procurement cycle, awareness of how software affects quality, and practicing problem solving/critical thinking.

Admission to the Nuclear Quality Engineering Principles Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate Nuclear Quality Engineering Principles is designed to augment skills of those who already have a related associate or higher degree, significant work experience in quality systems, or related credentials.

<table>
<thead>
<tr>
<th>NUCLEAR QUALITY SYSTEMS CORE COURSES</th>
<th>24 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 101 Introduction to Nuclear Quality Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 105 Nuclear Quality Standards and Specifications</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 111 Introduction to Nuclear Quality Assurance Audits</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 120 Overview of Associated Nuclear Quality Programs</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 221 Nuclear Quality Assurance Auditor</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 261 Nuclear Quality Engineering Principles I</td>
<td>3 credits</td>
</tr>
<tr>
<td>NQS 262 Nuclear Quality Engineering Principles II</td>
<td>3 credits</td>
</tr>
<tr>
<td>QAT 202 Metrology &amp; Calibration</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NUCLEAR TECHNOLOGY CORE COURSE REQUIREMENTS</th>
<th>8 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET 105 Reactor Components and Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>NET 130 Radiation Protection</td>
<td>3 credits</td>
</tr>
<tr>
<td>NET 237 Nuclear Reactor Safety</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OTHER COURSE REQUIREMENTS</th>
<th>8 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGR 104 Engineering Technology Foundations</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGT 123 Industrial Printing</td>
<td>2 credits</td>
</tr>
<tr>
<td>ENG 260 Advanced Technical Communication</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED** . . . **40 CREDITS**
## Certificate of Applied Science: Major in Electrical & I/C Nuclear Quality Control Inspection

The certificate supplements the previous education by providing the student with the opportunity to develop the skills necessary to perform quality control duties in the fields of mechanical technology. These duties include understanding and applying quality systems, following the continuous improvement process (plan, do, check, act), managing quality records and documentation, practicing problem solving/ critical thinking, awareness of NDE (nondestructive examination), source inspection, receipt inspection, in-process inspection (during fabrication or construction), final inspection, and the use of witness and hold points.

Admission to the Mechanical Nuclear Quality Control Inspection Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate in Mechanical Nuclear Quality Control Inspection is designed to augment skills of those who already have a technical-related associate or higher degree, significant work experience in quality control inspection, or related credentials.

### NUCLEAR QUALITY SYSTEMS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 101 Introduction to Nuclear Quality Systems</td>
<td>3</td>
</tr>
<tr>
<td>NQS 110 Introduction to Nuclear Quality Control Inspection</td>
<td>3</td>
</tr>
<tr>
<td>NQS 115 Nuclear Quality Standards and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>NQS 120 Overview of Associated Nuclear Quality Programs</td>
<td>3</td>
</tr>
<tr>
<td>NQS 201 Electrical and I/C Inspection I</td>
<td>3</td>
</tr>
<tr>
<td>NQS 202 Electrical and I/C Inspection II</td>
<td>3</td>
</tr>
<tr>
<td>QAT 202 Metrology &amp; Calibration</td>
<td>3</td>
</tr>
</tbody>
</table>

### NUCLEAR TECHNOLOGY CORE

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET 105 Reactor Components and Systems</td>
<td>3</td>
</tr>
<tr>
<td>NET 130 Radiation Protection</td>
<td>3</td>
</tr>
<tr>
<td>NET 237 Nuclear Reactor Safety</td>
<td>3</td>
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</tbody>
</table>

### OTHER COURSE REQUIREMENTS

<table>
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<tr>
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<tbody>
<tr>
<td>EGR 104 Engineering Technology Foundations</td>
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</tr>
<tr>
<td>EGT 123 Industrial Printing</td>
<td>2</td>
</tr>
<tr>
<td>ENG 260 Advanced Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>MTT 143 Precision Measurements</td>
<td>2</td>
</tr>
</tbody>
</table>

### TOTAL CREDITS REQUIRED

... 39 CREDITS
Certificate of Applied Science: Major in Mechanical Nuclear Quality Control Inspection

The certificate supplements the previous education by providing the student with the opportunity to develop the skills necessary to perform quality control duties in the fields of electrical technology and instruments and control technology. These duties include understanding and applying quality systems, following the continuous improvement process (plan, do, check, act), managing Quality records and documentation, practicing problem solving/ critical thinking, source inspection, receipt inspection, in-process inspection (during fabrication or construction), final inspection, and the use of witness and hold points.

Admission to the Electrical & I/C Nuclear Quality Control Inspection Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate Electrical & I/C Nuclear Quality Control Inspection is designed to augment skills of those who already have a technical-related Associate or higher degree, significant work experience in quality control inspection, or related credentials.

<table>
<thead>
<tr>
<th>NUCLEAR QUALITY SYSTEMS CORE COURSES</th>
<th>NUCLEAR TECHNOLOGY CORE COURSE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQS 101 Introduction to Nuclear Quality Systems 3 credits</td>
<td>NET 105 Reactor Components and Systems 3 credits</td>
</tr>
<tr>
<td>NQS 105 Nuclear Quality Standards and Specifications 3 credits</td>
<td>NET 130 Radiation Protection 3 credits</td>
</tr>
<tr>
<td>NQS 110 Introduction to Nuclear Quality Control Inspection 3 credits</td>
<td>NET 237 Nuclear Reactor Safety 3 credits</td>
</tr>
<tr>
<td>NQS 120 Overview of Associated Nuclear Quality Programs 3 credits</td>
<td></td>
</tr>
<tr>
<td>NQS 211 Mechanical Inspection I 3 credits</td>
<td></td>
</tr>
<tr>
<td>NQS 212 Mechanical Inspection II 3 credits</td>
<td></td>
</tr>
<tr>
<td>QAT 202 Metrology &amp; Calibration 3 credits</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED . . . 39 CREDITS

Nuclear Fundamentals Certificate for Savannah River Nuclear Systems

The Nuclear Fundamentals Certificate for Savannah River Nuclear Systems prepares students for entry level positions within the nuclear industry. The certificate is a blend of applied chemistry, physics and engineering that expose students to a broad spectrum of learning outcomes associated with modern nuclear facilities.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>MAJOR REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics 11 credits</td>
<td>CHT 224 Current Topics in Industrial Chemistry 4 credits</td>
</tr>
<tr>
<td>CHM 115 Applied Chemistry for the Nuclear Industry I 4 credits</td>
<td>MET 224 Hydraulics and Pneumatics 3 credits</td>
</tr>
<tr>
<td>CHM 116 Applied Chemistry for the Nuclear Industry II 4 credits</td>
<td>EEM 162 Process Control 3 credits</td>
</tr>
<tr>
<td>PHY 181 Integrated Physics 3 credits</td>
<td>RPT 103 Radiation Fundamentals 4 credits</td>
</tr>
</tbody>
</table>

TOTAL CREDITS REQUIRED . . . 25 CREDITS
Certificate of Applied Science: Major in Nuclear Quality Assurance Auditing

The certificate supplements the previous education by providing the student with the opportunity to develop the skills necessary to perform quality assurance duties for construction, operation, maintenance, and manufacturing activities. These duties include understanding the types of quality systems and standards, following the continuous improvement process (plan, do, check, act), conducting programmatic compliance audits, managing quality assurance records and documentation, applying quality assurance practices to the procurement cycle, and practice problem solving/critical thinking.

Admission to the Nuclear Quality Assurance Auditing Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate Nuclear Quality Assurance Auditing is designed to augment skills of those who already have a related associate or higher degree, significant work experience in quality systems, or related credentials.

Nuclear Quality Systems Core Courses ............. 21 Credits
NQS 101 Introduction to Nuclear Quality Systems 3 credits
NQS 105 Nuclear Quality Standards and Specifications 3 credits
NQS 111 Introduction to Nuclear Quality Assurance Audits 3 credits
NQS 120 Overview of Associated Nuclear Quality Programs 3 credits
NQS 221 Nuclear Quality Assurance Auditor 3 credits
NQS 222 Nuclear Quality Assurance Lead Auditor 3 credits
QAT 202 Metrology & Calibration 3 credits

Nuclear Technology Core Course Requirements .......... 8 Credits
NET 105 Reactor Components and Systems 3 credits
NET 130 Radiation Protection 3 credits
NET 237 Nuclear Reactor Safety 3 credits

Other Course Requirements ............... 8 Credits
EGR 104 Engineering Technology Foundations 3 credits
EGT 123 Industrial Printing 2 credits
ENG 260 Advanced Technical Communication 3 credits

Total Credits Required ...... 37 Credits

Certificate of Applied Science: Nuclear Welding

The Nuclear Welding Certification will develop the knowledge and skills to prepare employable students to weld in accordance with the nuclear industry standards. The Nuclear Welding certification will be obtained after students have completed an accredited Applied Associate of Science degree in welding or equivalent program.

The program will be a one-year intensive pipe welding technology program that can be either a stand-alone program for experienced welders or an add-on certificate for an emphasis area of study. The educational courses will enhance the student’s knowledge and skills of material types welded and fabrication methods used in the nuclear industry.

The nuclear welding certificate will include lecture and laboratory courses: Nuclear pipe codes and stainless steel pipe welding; Needle Injection Purge Welding; Limited Access Pipe Welding; Weld Repair; Orbital Welding; Pipefitting and Welding; generic Radiation Worker Training; Respiratory Protection Training; Confined Space Training; and OSHA 10 Certification.

Course Requirements .......... 30 Credits
WLD 115 Arc Welding III (Nuclear Structural Welding) 4 credits
WLD 154 Pipefitting and Welding I 4 credits
WLD 206 Orbital Welding 2 credits
WLD 228 Inert Gas Welding (Limited Access Pipe Welding) 4 credits
WLD 231 Gas Metal Arc/Flux Cored Arc Welding Pipe (GMAW/FCAW Pipe Welding I) 4 credits
NQS 102 Nuclear Codes 3 credits
WLD Stainless Steel Pipe Welding 4 credits
WLD Orbital Special Lab 1 credits
WLD Nuclear Repair Welding 4 credits

Total Credits Required ...... 30 Credits

Employment Opportunities: The Applied Science Certificate with an emphasis in Nuclear Welding prepares graduates to work in the Commercial Nuclear power sector and nuclear welding vendors.
### Associate in Applied Science: Major in Radiation Protection Technology

The Associate in Applied Science with a Major in Radiation Protection Technology (RPT), also known as Radiological Control (RADCON), provides the student with the opportunity to develop the skills necessary to evaluate a work site requiring radiological controls. Students will be able to design a plan to minimize personnel exposure to radiation, perform required radiological surveys for radiation and radioactive contamination, and manage a radiation protection program at a nuclear or Department of Energy (DOE) facility within the boundaries of radiological protection standards. Additionally, students will examine radiological survey data to detect and resolve errors in equipment operations.

Admission to the Associate in Applied Science with a Major in Radiation Protection Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

<table>
<thead>
<tr>
<th>General Education</th>
<th>37 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>9 credits</td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENG 260 Advanced Technical Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td>Select Humanities/Fine Arts courses totaling 3 credits from the course list.</td>
<td></td>
</tr>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics</td>
<td>25 credits</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td>4 credits</td>
</tr>
<tr>
<td>BIO 101 Biological Science I</td>
<td>4 credits</td>
</tr>
<tr>
<td><strong>Chemistry</strong></td>
<td>4 credits</td>
</tr>
<tr>
<td>CHM 105 General/Organic/Biochemistry</td>
<td>4 credits</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>9 credits</td>
</tr>
<tr>
<td>MAT 110 College Algebra</td>
<td>3 credits</td>
</tr>
<tr>
<td>MAT 111 College Trigonometry</td>
<td>3 credits</td>
</tr>
<tr>
<td>MAT 120 Probability &amp; Statistics</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Physics</strong></td>
<td>8 credits</td>
</tr>
<tr>
<td>PHY 201 Physics I</td>
<td>4 credits</td>
</tr>
<tr>
<td>PHY 202 Physics II</td>
<td>4 credits</td>
</tr>
<tr>
<td><strong>Social/Behavioral Sciences</strong></td>
<td>3 credits</td>
</tr>
<tr>
<td>Select Social/Behavioral Sciences courses totaling 3 credits from the course list.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>29 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET 105 Reactor Components and Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>RPT 101 Introduction to Radiation Protection</td>
<td>1 credits</td>
</tr>
<tr>
<td>RPT 103 Radiation Fundamentals</td>
<td>4 credits</td>
</tr>
<tr>
<td>RPT 113 Radiation Monitoring</td>
<td>4 credits</td>
</tr>
<tr>
<td>RPT 120 Hazardous Waste Operations &amp; Emergency Response</td>
<td>1 credits</td>
</tr>
<tr>
<td>RPT 223 Radiation Dosimetry</td>
<td>3 credits</td>
</tr>
<tr>
<td>RPT 233 Radioactive Materials Handling</td>
<td>3 credits</td>
</tr>
<tr>
<td>RPT 243 Radiological Safety and Response</td>
<td>4 credits</td>
</tr>
<tr>
<td>RPT 253 Radiation Protection</td>
<td>3 credits</td>
</tr>
<tr>
<td>RPT 290 RPT Internship</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>4 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Intro to Computers</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGR 105 Safety in the Workplace</td>
<td>1 credits</td>
</tr>
</tbody>
</table>

**Total Credits Required** 70 Credits
### Radiological Control Technology Certificate
The Certificate in Radiological Control Technology (RADCON), also known as Radiation Protection Technology, is meant for those students who possess an associate degree or higher in a science-related discipline. The certificate supplements the previous education by providing the student with the opportunity to develop the skills necessary to evaluate a work site requiring radiological controls. Students will be able to design a plan to minimize personnel exposure to radiation, perform required radiological surveys for radiation and radioactive contamination, and manage a radiation protection program at a nuclear or Department of Energy (DOE) facility within the boundaries of radiological protection standards. Additionally, students will examine radiological survey data to detect and resolve errors in equipment operations.

Admission to the Radiological Control (RADCON) Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the Department Chair. The Certificate in Radiological Control (RADCON) is designed to augment skills of those who already have a science-related Associate or Bachelor degree.

### GENERAL EDUCATION .............11 CREDITS
- **Humanities/Fine Arts** 3 credits
- ENG 260 Advanced Technical Communications 3 credits
- **Physical Sciences, Natural Sciences and Mathematics** 8 credits
  - Select TWO courses from the following:
    - PHY 201 Physics I 4 credits
    - PHY 202 Physics II 4 credits
    - BIO 101 Biological Science I 4 credits
    - CHM 105 General/Organic/Biochemistry 4 credits

### MAJOR REQUIREMENTS ........26 CREDITS
- NET 105 Reactor Components and Systems 3 credits
- RPT 101 Introduction to Radiation Protection 1 credits
- RPT 103 Radiation Fundamentals 4 credits
- RPT 113 Radiation Monitoring 4 credits
- RPT 120 Hazardous Waste Operations & Emergency Response 1 credits
- RPT 223 Radiation Dosimetry 3 credits
- RPT 233 Radioactive Materials Handling 3 credits
- RPT 243 Radiological Safety and Response 4 credits
- RPT 253 Radiation Protection 3 credits

### TOTAL CREDITS REQUIRED ....37 CREDITS
PUBLIC SAFETY PROGRAMS

Associate in Applied Science: Major in Criminal Justice

The Associate in Applied Science with a Major in Criminal Justice degree is designed for the student currently working in the Criminal Justice field who wants to complete a degree program that will allow him/her to transfer to a senior institution and for the student who does not want to transfer to a senior institution, but seeks to complete a formal educational process in his/her chosen professional field. It is also designed for the student who is seeking an introduction to higher education in the field of Criminal Justice.

Admission to the Associate in Applied Science with a Major in Criminal program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION ........ 21 CREDITS

Humanities/Fine Arts 12 credits
ENG 101 English Composition I 3 credits
ENG 102 English Composition II 3 credits
PHI 110 Ethics 3 credits

-AND- Select ONE course from the following:
SPC 205 Public Speaking 3 credits
SPC 209 Interpersonal Communications 3 credits

Physical Sciences, Natural Sciences and Mathematics 3 credits
MAT 102 Intermediate Algebra 3 credits

Social/Behavioral Sciences 6 credits
PSY 201 General Psychology 3 credits
SOC 210 Juvenile Delinquency 3 credits

MAJOR COURSE REQUIREMENTS ............ 36 CREDITS

CRJ 101 Introduction to Criminal Justice 3 credits
CRJ 125 Criminology 3 credits
CRJ 130 Police Administration 3 credits
CRJ 202 Criminalistics 3 credits
CRJ 218 Crisis Intervention 3 credits
CRJ 224 Police Community Relations 3 credits
CRJ 230 Criminal Investigations I 3 credits
CRJ 235 Practical Crime Scene Investigations 3 credits
CRJ 239 Terrorism & Homeland Security 3 credits
CRJ 242 Correctional Systems 3 credits
CRJ 246 Special Problems in Criminal Justice 3 credits

-AND- Select ONE course from the following:
CRJ 115 Criminal Law I 3 credits
CRJ 120 Constitutional Law 3 credits

ADDITIONAL COURSE REQUIREMENTS ............ 3 CREDITS

Select ONE of the courses below:
CPT 101 Introduction to Computers 3 credits
CRJ 110 Police Patrol 3 credits
PSC 215 State and Local Government 3 credits

TOTAL CREDITS REQUIRED .... 60 CREDITS
**GENERAL EDUCATION . . . . . . . . . . 41 CREDITS**

**Humanities/Fine Arts**  
ENG 101 English Composition I 3 credits  
ENG 102 English Composition II 3 credits  
Select **ONE** course from the following:  
SPC 205 Public Speaking 3 credits  
SPC 209 Interpersonal Communications 3 credits  
Select **TWO** courses from the following:  
ART 101 Art History and Appreciation 3 credits  
ART 105 Film as Art 3 credits  
ART 108 History of Western Art 3 credits  
MUS 105 Music Appreciation 3 credits  
PHI 101 Introduction to Philosophy 3 credits  
PHI 110 Ethics 3 credits  
PHI 115 Contemporary Moral Issues 3 credits  
REL 103 Comparative Religion 3 credits  
THE 101 Introduction to Theatre 3 credits  
Select **ONE** sequence as follows:  
HIS 101 and HIS 102 (Western Civ.) 6 credits  
- **OR** -  
HIS 201 and HIS 202 (U.S. History) 6 credits  

**Physical Sciences, Natural Sciences and Mathematics**  
Select **TWO** courses from the following:  
MAT 110 College Algebra 3 credits  
MAT 120 Probability and Statistics 3 credits  
MAT 122 Finite College Math 3 credits  
Select **TWO** courses from the following:  
BIO 101 Biological Science I 4 credits  
BIO 102 Biological Science II 4 credits  
CHM 110 College Chemistry I 4 credits  
CHM 111 College Chemistry II 4 credits  
PHY 201 Physics I 4 credits  
PHY 202 Physics II 4 credits  

**Social/Behavioral Sciences**  
Select **TWO** courses from the following:  
PSY 201 General Psychology 3 credits  
PSC 201 American Government 3 credits  
SOC 101 Introduction to Sociology 3 credits  

**MAJOR COURSE REQUIREMENTS . . . . . . . . . . 27 CREDITS**

CPT 101 Intro to Computers 3 credits  
CRJ 101 Intro to Criminal Justice 3 credits  
CRJ 125 Criminology 3 credits  
CRJ 224 Police Community Relations 3 credits  
Select **FIVE** courses from the following:  
CRJ 120 Constitutional Law 3 credits  
CRJ 202 Criminalistics 3 credits  
CRJ 230 Criminal Investigations I 3 credits  
CRJ 239 Terrorism & Homeland Security 3 credits  
CRJ 242 Correctional Systems 3 credits  
CRJ 250 Criminal Justice Internship I 3 credits  
SOC 210 Juvenile Delinquency 3 credits  

**TOTAL CREDITS REQUIRED . . . . . . . . . . . . . 68 CREDITS**

Note: The 68 ATC credit hours listed above will transfer to the Citadel’s Criminal Justice program as 68 hours of undergraduate credit.
### SCIENCE & TECHNOLOGY PROGRAMS

#### Associate in Applied Science: Major in Electronic Engineering Technology

The Associate in Applied Science with a Major in Electronic Engineering Technology degree prepares technicians who support electrical/electronics engineers and other technical professionals in the design, development, modification and testing of electronic circuits, devices and systems. This major and emphasis also includes instruction in science, mathematics and the electronics necessary to support learning in practical circuit feasibility, prototype development and testing, systems analysis (including design, selection, installation, calibration, and testing), solid-state and microminiature circuits and the application of technical data to specific problems in the electronics field.

Admission to the Associate in Applied Science with a Major in Electronic Engineering Technology program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

### GENERAL EDUCATION .... 22 CREDITS

<table>
<thead>
<tr>
<th>Category</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>ENG 160 Technical Communications</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>PHI 110 Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics</td>
<td>MAT 110 College Algebra</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>MAT 111 College Trigonometry</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>PHY 201 Physics I</td>
<td>4 credits</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td>SOC 101 Introduction to Sociology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

### MAJOR REQUIREMENTS .... 41 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET 113 Electrical Circuits I</td>
<td>4 credits</td>
</tr>
<tr>
<td>EET 114 Electrical Circuits II</td>
<td>4 credits</td>
</tr>
<tr>
<td>EET 130 Network Devices</td>
<td>3 credits</td>
</tr>
<tr>
<td>EET 140 Digital Electronics*</td>
<td>3 credits</td>
</tr>
<tr>
<td>EET 141 Electronic Circuits</td>
<td>4 credits</td>
</tr>
<tr>
<td>EET 227 Electrical Machinery</td>
<td>3 credits</td>
</tr>
<tr>
<td>EET 231 Industrial Electronics</td>
<td>4 credits</td>
</tr>
<tr>
<td>EET 235 Programmable Controllers</td>
<td>3 credits</td>
</tr>
<tr>
<td>EET 241 Electronic Communications</td>
<td>4 credits</td>
</tr>
<tr>
<td>EET 251 Microprocessor Fundamentals</td>
<td>4 credits</td>
</tr>
<tr>
<td>EGR 130 Engineering Technology</td>
<td>3 credits</td>
</tr>
<tr>
<td>Applications and Programming*</td>
<td></td>
</tr>
<tr>
<td>EGR 255 Engineering Technology</td>
<td>2 credits</td>
</tr>
<tr>
<td>Senior Systems Project</td>
<td></td>
</tr>
</tbody>
</table>

### ADDITIONAL COURSE REQUIREMENTS .... 9 CREDITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Introduction to Computers</td>
<td>3 credits</td>
</tr>
<tr>
<td>CIM 131 Computer Integrated Manufacturing*</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGT 152 Fundamentals of CAD</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

### TOTAL CREDITS REQUIRED .... 72 CREDITS

Courses marked with an asterisk (**) may be substituted by corresponding Project Lead The Way courses taken elsewhere and successfully completed with a C or better: EET 140 = PLTW DE, EGR 130 = PLTW POE, EGT 152 = PLTW IED, CIM 131 = PLTW CIM.
**Computer Electronics Certificate**

Admission to the Computer Electronics Certificate requires the completion of the prerequisites listed below. Graduates of the Certificate in Computer Electronics receive the skills and training in digital electronics, microprocessor interfacing, computer hardware/software and networking. Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks and other areas requiring knowledge of electronics and computer systems.

Admission to the Computer Electronics Certificate is restricted to those who have met the prerequisite requirements and/or have the permission of the department chair. The Certificate in Computer Electronics is designed to enhance skills of those who already have the Associate in Applied Science with a Major in Electronics Engineering Technology degree.

Entry into this program is restricted to those students having met all prerequisites for the following courses.

**MAJOR REQUIREMENTS . . . . . . . 20 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 168 Programming Logic &amp; Design</td>
<td>3</td>
</tr>
<tr>
<td>CPT 209 Computer Systems</td>
<td>3</td>
</tr>
<tr>
<td>CPT 257 Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>EET 141 Electronic Circuits</td>
<td>4</td>
</tr>
<tr>
<td>EET 251 Microprocessor Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>IST 201 Cisco Internetworking Concepts</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . . . . 20 CREDITS**

**Associate in Applied Science: Major in General Technology - Emphasis in Engineering Graphics**

The Associate in Applied Science with a Major in General Technology, Emphasis in Engineering Graphics Technology degree is the combined study of Industrial Drafting, Computer-Aided Drafting and Computer-Aided Manufacturing.

This degree is designed to produce a drafter capable of creating detailed engineering drawings. Emphasis is on computer-generated drawings and programming for Computer-Aided Manufacturing using AutoCAD and MICROSTATION software for computer-aided drafting and FeatureCAM software for computer-aided manufacturing.

Admission to the Associate in Applied Science with a Major in General Technology Emphasis in Engineering Graphics program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**GENERAL EDUCATION . . . . . . . 15 CREDITS**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>ENG 160 Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>PHI 110 Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Physical Sciences, Natural Sciences and Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>MAT 155 Contemporary Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>6</td>
</tr>
<tr>
<td>PSY 105 Personal/Interpersonal Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>SOC 101 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAJOR REQUIREMENTS . . . . . . 3 CREDITS**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Technical Specialty</td>
<td>30</td>
</tr>
<tr>
<td>EGT 130 Geometric Dimensioning/Tolerancing Applications</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGT 215 Mechanical Drawing Applications</td>
<td>4 credits</td>
</tr>
<tr>
<td>EGT 110 Engineering Graphics I</td>
<td>4</td>
</tr>
<tr>
<td>EGT 150 Basic CAD (AutoCAD)</td>
<td>2</td>
</tr>
<tr>
<td>EGT 152 Fundamentals of CAD*</td>
<td>3</td>
</tr>
<tr>
<td>EGT 220 Structural and Piping Applications</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGT 225 Architectural Drawing Applications</td>
<td>4 credits</td>
</tr>
<tr>
<td>EGT 245 Principles of Parametric CAD</td>
<td>3 credits</td>
</tr>
<tr>
<td>EGT 281 Prototype Modeling</td>
<td>3</td>
</tr>
</tbody>
</table>

**Secondary Technical Specialty 13 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTT 143 Precision Measurements</td>
<td>2</td>
</tr>
<tr>
<td>MTT 145 Machining of Metals</td>
<td>3</td>
</tr>
<tr>
<td>MTT 250 Principles of CNC</td>
<td>3</td>
</tr>
<tr>
<td>MTT 171 Industrial Quality Control</td>
<td>2</td>
</tr>
<tr>
<td>CIM 131 Computer Integrated Manufacturing*</td>
<td>3</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS . . . . . . . 7 CREDITS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT 101 Intro to Computers</td>
<td>3</td>
</tr>
<tr>
<td>EGR 105 Safety in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>EGR 130 Engineering Technology Applications and Programming*</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS REQUIRED . . . . . . 65 CREDITS**
**Engineering Transfer Certificate**

The Engineering Transfer Certificate provides the student with the opportunity to develop the skills necessary for transfer to a four-year engineering program.

Aiken Technical College has an articulation agreement with the University of South Carolina that will allow a student who completes the Engineering Transfer Certificate to transfer all of the credits earned in the Certificate to USC-Columbia.

**GENERAL EDUCATION . . . . . . .33 CREDITS**

<table>
<thead>
<tr>
<th>Humanities/Fine Arts</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENG 102 English Composition II</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Select ONE course from the following:

| HIS 201 American History: Discovery to 1877 | 3 credits |
| HIS 202 American History: 1877 to Present | 3 credits |
| MUS 105 Music Appreciation | 3 credits |
| ART 101 Art History and Appreciation | 3 credits |

**Physical Sciences, Natural Sciences and Mathematics**

| MAT 140 Analytical Geometry & Calculus I | 4 credits |

**MAJOR REQUIREMENTS . . . . . . .9 CREDITS**

| EGT 152 Fundamentals of CAD (*IED) | 3 credits |
| EGR 130 Engineering Technology Applications and Programming (*POE) | 3 credits |
| EET 140 Digital Electronics (*DE) | 3 credits |

**TOTAL CREDITS REQUIRED . . .42 CREDITS**

---

**Computer Aided Design (CAD) Certificate**

The Computer Aided Design Certificate provides the person already possessing conventional drafting skills an opportunity to acquire Computer-Aided Drafting skills. Admission to the Computer Aided Design Certificate is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a 'C' or better.

**GENERAL EDUCATION . . . . . . .3 CREDITS**

| MAT 155 Contemporary Mathematics | 3 credits |

**MAJOR REQUIREMENTS . . . . . .23 CREDITS**

| EGR 105 Safety in the Workplace | 1 credits |
| EGT 110 Engineering Graphics I | 4 credits |
| EGT 130 Geometric Dimensioning/ Tolerancing Applications | 3 credits |

**EGT 215 Mechanical Drawing Applications | 4 credits**

**EGT 150 Basic CAD | 2 credits**

**EGT 152 Fundamentals of CAD | 3 credits**

**EGT 245 Principles of Parametric CAD | 3 credits**

**EGT 281 Prototype Modeling | 3 credits**

**TOTAL CREDITS REQUIRED . . .26 CREDITS**

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### Pre-Engineering Certificate
This certificate is designed for students who are interested in pursuing a career or advanced education in a STEM-related field. The Certificate courses were selected based on their transferability to engineering or engineering technology two-year and four-year degree programs. The course sequence is intended to provide students with broad exposure to the various engineering disciplines including electrical, mechanical, industrial, manufacturing, and civil engineering.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION .......... 14 CREDITS</th>
<th>MAJOR REQUIREMENTS .......... 12 CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 140 Analytical Geometry and Calculus I</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 141 Analytical Geometry and Calculus II</td>
<td>4 credits</td>
</tr>
<tr>
<td>Select 6 credits from the following:</td>
<td></td>
</tr>
<tr>
<td>ECO 210 Macroeconomics</td>
<td>3 credits</td>
</tr>
<tr>
<td>HIS 201 American History: Discovery to 1877</td>
<td>3 credits</td>
</tr>
<tr>
<td>HIS 202 American History: 1877 to Present</td>
<td>3 credits</td>
</tr>
<tr>
<td>PSC 201 American Government</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
UNIVERSITY TRANSFER

Associate in Arts
The Associate in Arts degree prepares the student to transfer to a four-year college or university to study in the areas of fine arts, education, humanities, social sciences or business.

Admission to the Associate in Arts program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

GENERAL EDUCATION . . . . . . .35 CREDITS

Humanities/Fine Arts 15 credits
ENG 101 English Composition I  3 credits
ENG 102 English Composition II  3 credits
SPC 205 Public Speaking  3 credits

-AND-
Select Humanities/Fine Arts courses totaling 6 credits from the course list.

Physical Sciences, Natural Sciences and Mathematics 14 credits
MAT 110 College Algebra  3 credits

AND Select ONE course from:
MAT 111 College Trigonometry  3 credits
MAT 120 Probability and Statistics  3 credits
MAT 122 Finite College Mathematics  3 credits

-AND-
Select Physical Sciences and/or Natural Sciences courses totaling 8 credits from the course list.

Social/Behavioral Sciences 6 credits
Select Social/Behavioral Sciences courses totaling 6 credits from the course list.

MAJOR REQUIREMENT . . . . . . .15 CREDITS

Courses totaling 15 credit hours must be selected from those listed on the Transferable Courses page. However, you should consult with your advisor to select courses that will meet your particular transfer objectives.

ELECTIVES . . . . . . . . . . . . . . .11 CREDITS

Courses must be selected from those listed on the Transferable Courses page. However, you should consult with your advisor to select electives that will meet your particular transfer objectives.

TOTAL CREDITS REQUIRED . . .61 CREDITS

Note: All courses taken toward this degree MUST be selected from the list of college transfer courses on Transferable Courses.

Other courses that are listed on an official articulation agreement may be considered on a case-by-case basis. For clarification on which courses count towards Humanities and Fine Arts, Social and Behavioral Sciences, or Physical and Natural Science credit requirements, please consult the Course Listings.
Associate in Science

The Associate in Science degree prepares a student to transfer to a four-year college or university to study in the areas of natural/physical sciences, mathematics, engineering or business. With the assistance of an academic advisor, a student may plan a program of study to meet the requirements of the college to which the student wishes to transfer using the guidelines below.

Admission to the Associate in Science program is open to all students who have met the appropriate prerequisites or have acceptable placement scores. Students must successfully meet all applicable course prerequisites before enrolling in program courses. Students that place into either RWR 032 or MAT 032 must complete the course with a ‘C’ or better.

**GENERAL EDUCATION . . . . . . . . . . . . . . . . . . . . . . .39 CREDITS**

**Humanities/Fine Arts**

ENG 101 English Composition I 3 credits
ENG 102 English Composition II 3 credits
SPC 205 Public Speaking 3 credits

-AND-

Select Humanities/Fine Arts courses totaling 6 credits from the course list.

**Physical Sciences, Natural Sciences and Mathematics**

MAT 110 College Algebra 3 credits
MAT 111 College Trigonometry 3 credits
MAT 140 Analytical Geometry & Calculus I 4 credits

-AND-

Select Biology courses totaling 8 credits from the course list.

**Social/Behavioral Sciences**

Select Social/Behavioral Sciences courses totaling 6 credits from the course list.

**MAJOR REQUIREMENT . . . . . . . . . . . . . . . . . . . . . . .15 CREDITS**

Select Chemistry or Physics courses totaling 8 credit hours from the course list.

-AND-

Courses totaling 7 credit hours must be selected from those listed on the list of Transferable Courses. However, you should consult with your advisor to select courses that will meet your particular transfer objectives.

**ELECTIVES . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .7 CREDITS**

Courses must be selected from those listed on Transferable Courses. However, you should consult with your advisor to select electives that will meet your particular transfer objectives.

**TOTAL CREDITS REQUIRED . . . . . . . . . . . . . . . . .61 CREDITS**

Note: All courses taken toward this degree MUST be selected from the list of college transfer courses on Transferable Courses.

Other courses that are listed on an official articulation agreement may be considered on a case-by-case basis. For clarification on which courses count towards Humanities and Fine Arts, Social and Behavioral Sciences, or Physical and Natural Science credit requirements, please consult the Course Listings.
## Humanities/Fine Arts Course List

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ART 101</td>
<td>History/Appreciation of Art</td>
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<tr>
<td>ART 105</td>
<td>Film as Art</td>
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<tr>
<td>ART 108</td>
<td>History of Western Art</td>
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<tr>
<td>ENG 201</td>
<td>American Literature I</td>
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<tr>
<td>ENG 236</td>
<td>African-American Literature</td>
</tr>
<tr>
<td>HIS 101</td>
<td>Western Civilization to 1689</td>
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<td>HIS 102</td>
<td>Western Civilization: Post 1689</td>
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<td>HIS 201</td>
<td>American History: Discovery to 1877</td>
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<td>HIS 202</td>
<td>American History: 1877 to Present</td>
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<tr>
<td>IDS 101</td>
<td>Human Thought and Learning</td>
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<td>IDS 201</td>
<td>Leadership Development</td>
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<td>MUS 105</td>
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<tr>
<td>PHI 101</td>
<td>Introduction to Philosophy</td>
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<td>PHI 110</td>
<td>Ethics</td>
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<td>PHI 115</td>
<td>Contemporary Moral Issues</td>
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<td>REL 103</td>
<td>Comparative Religion</td>
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<td>THE 101</td>
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## Physical/Natural Sciences & Mathematics Courses

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<td>BIO 102</td>
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<td>BIO 105</td>
<td>Principles of Biology</td>
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<tr>
<td>BIO 210</td>
<td>Anatomy and Physiology I</td>
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<td>Organic Chemistry I</td>
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<td>GLY-101</td>
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<td>MAT 102</td>
<td>Intermediate Algebra</td>
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<td>MAT 110</td>
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<td>MAT 111</td>
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<td>Elementary Calculus</td>
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<td>MAT 140</td>
<td>Analytical Geometry &amp; Calculus I</td>
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<td>Analytical Geometry &amp; Calculus II</td>
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<td>MAT 155</td>
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<td>MAT 160</td>
<td>Math for Business &amp; Finance</td>
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<td>MAT 250</td>
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<td>University Physics I</td>
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<tr>
<td>PHY 222</td>
<td>University Physics II</td>
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</table>

## Special Note:

General Education elective courses listed here may be applied only once to satisfy curriculum requirements. They may NOT be applied to both categories at any time.
## TECHNICAL COLLEGE COURSES

TRANSFERABLE TO SENIOR INSTITUTIONS

College transfer courses are widely accepted for academic credit in South Carolina and other states; however, the acceptance of transfer credits is strictly the responsibility of the receiving institution. Therefore, students are encouraged to contact the institution they wish to attend for guidance. Many of these institutions will accept transfer credits for official transfer courses as well as many other courses taught at Aiken Technical College.

**NOTE:** Students enrolled in the Associate in Arts, Associate in Science and General Studies Certificate Programs MUST select courses from the official college transfer courses listed below to fulfill degree and certificate requirements.

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<tr>
<th>Course</th>
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<td>ACC 101</td>
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<td>ANT 101</td>
<td>General Anthropology ................................ 3</td>
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<td>ART 101</td>
<td>History &amp; Appreciation of Art ........................ 3</td>
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<td>ART 105</td>
<td>Film as Art ........................................ 3</td>
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<td>AST 101</td>
<td>Solar System Astronomy ................................ 4</td>
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<td>Stellar Astronomy ..................................... 4</td>
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<tr>
<td>BIO 101</td>
<td>Biological Science I .................................. 4</td>
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<td>State &amp; Local Government ................................ 3</td>
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<td>PSY 203</td>
<td>Human Growth &amp; Development .......................... 3</td>
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<td>ACR-102</td>
<td>Tools and Service Techniques</td>
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<td>Medical Vocabulary/Anatomy</td>
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<td>Head and Neck Anatomy and Physiology</td>
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<td>AHS-117</td>
<td>The Care of Patients</td>
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<tr>
<td>AHS-118</td>
<td>Medical Coding and Insurance</td>
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</table>
AHS-120 Responding to Emergencies  CREDITS: 2
This course is a study of emergency care procedures utilizing first aid and CPR. 2.0-0.0-2.0
PREREQUISITE(S): None

AHS-121 Basic Pharmacology  CREDITS: 2
This course covers the nature of drugs, their actions in the body and side effects. 2.0-0.0-2.0
PREREQUISITE(S): AHS-102 and BIO-112

AHS-126 Health Calculations  CREDITS: 1
This course is a study of the mathematical concepts needed in health science studies. 0.0-3.0-1.0
PREREQUISITE(S): MAT-032

AHS-131 Computers in Healthcare  CREDITS: 3
This course is the study of hardware used in various healthcare settings including information systems, computerized medical interfaces, telemedicine, networking, as well as other basic computer applications. 2.0-3.0-3.0
PREREQUISITE(S): AHS-117 AHS-163 AHS-143

AHS-143 Phlebotomy Skills  CREDITS: 6
This course is a study of phlebotomy equipment, procedures, techniques, and practical experience. 4.0-6.0-6.0
PREREQUISITE(S): AHS-117 and AHS-163

AHS-144 Phlebotomy Practicum  CREDITS: 5
This course provides a detailed study and practice of phlebotomy procedures utilized in hospital settings, clinical facilities, and physician’s offices. 1.0-12.0-5.0
PREREQUISITE(S): None

AHS-155 Special Topics in Health Care  CREDITS: 3
This course emphasizes specialized job-related education in health care. 1.0-6.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

AHS-163 Long Term Care  CREDITS: 5
This course emphasizes the basic skills needed to care for residents in the long-term care setting. Students will apply practical use of these skills through clinical experiences in a long-term care facility. 3.0-6.0-5.0
PREREQUISITE(S): AHS-117

AHS-171 Introduction to Medical Coding  CREDITS: 4
This course is an introduction to the concepts of health care billing and reimbursement using guidelines of Current Procedural Terminology (CPT) nomenclature and ICD9 (International Classification of Disease).
PREREQUISITE(S): None

AHS-172 Med Coding and Classification Systems  CREDITS: 5
This course is an advanced study and application of CPT and ICD9 principles as related to the procedures used by private and governmental health insurance programs. Ethical concerns related to reimbursement principles will be emphasized. 5.0-0.0-5.0
PREREQUISITE(S): None

AHS-174 Medical Coding Practicum  CREDITS: 3
This course is a practicum with the focus on application of coding skills and interface with billing methodologies. 0.0-9.0-3.0
PREREQUISITE(S): AHS-172

AHS-176 Patient Care Clerical Principles  CREDITS: 4
This course provides a study of the practical applications related to receptionist and patient care clerical duties such as data entry, transferring physician orders, and coordinating unit communications in a variety of health care settings. 3.0-3.0-4.0
PREREQUISITE(S): AHS-117 AHS-163 AHS-143

AHS-177 Cardiac Monitoring Application  CREDITS: 4
This course is a study of cardiac monitoring techniques including basic cardiovascular anatomy and physiology, electrophysiology, rhythms and dysrhythmia recognition and equipment maintenance. 2.0-6.0-4.0
PREREQUISITE(S): None

AHS-179 Cardiac Monitoring Practicum  CREDITS: 4
This course provides a comprehensive cardiac monitoring experience in a clinical setting. This is a practicum experience designed to enhance student performance as a health unit coordinator. Students will also observe monitored patients for any type of cardiac involvement. 2.0-6.0-4.0
PREREQUISITE(S): AHS-117 and AHS-163

AHS-222 Introduction to Dialysis Technician  CREDITS: 2
This course covers the basics of renal failure and renal replacement therapies, including hemodialysis. 2.0-0.0-2.0
PREREQUISITE(S): AHS-105 AHS-131 AHS-176
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHS-223</td>
<td>Dialysis Technician Practicum</td>
<td>4</td>
<td>This course covers the basics of renal failure and renal replacement therapies, including hemodialysis. Topics include the role of dialysis technicians in the everyday care of the dialysis patient, phlebotomy, and the operation of dialysis machines. 2.0-6.0-4.0</td>
<td>AHS-105 AHS-131 AHS-176</td>
</tr>
<tr>
<td>ANT-101</td>
<td>General Anthropology</td>
<td>3</td>
<td>This course is the study of physical and cultural anthropology. The course explores subfields of anthropology to examine primatology, human paleontology, human variation, archaeology, and ethnology. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ANT-202</td>
<td>Cultural Anthropology</td>
<td>3</td>
<td>This course includes an exploration and comparison of selected contemporary cultures, including their languages. The course also includes an introduction to the concepts, methods, and data of sociocultural anthropology and anthropological linguistics. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ART-101</td>
<td>Art History and Appreciation</td>
<td>3</td>
<td>This is an introductory course to the history and appreciation of art, including the elements and principles of the visual arts. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ART-105</td>
<td>Film As Art</td>
<td>3</td>
<td>This course provides an introduction to the appreciation of film and covers the elements and principles of cinema with historical and contemporary examples. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ART-108</td>
<td>History of Western Art</td>
<td>3</td>
<td>This course is a visual and historical survey of western art forms from the Renaissance through modern times. The techniques, forms, and expressive content of painting, sculpture, and architecture will be studied within the context of the cultural environment which produced them. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ART-111</td>
<td>Basic Drawing I</td>
<td>3</td>
<td>This course provides an introduction to the materials and basic techniques of drawing. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ART-112</td>
<td>Basic Drawing II</td>
<td>3</td>
<td>This course covers a study of the materials and the basic techniques of drawing building on the techniques covered in Art 111. 3.0-0.0-3.0</td>
<td>ART-111</td>
</tr>
<tr>
<td>ART-289</td>
<td>Digital Photography</td>
<td>3</td>
<td>This course is an exploration of the opportunities and possibilities of the digital photography revolution. The class will include instruction and assignments in the theory, practice, and use of digital cameras, scanners, and printers. 2.0-3.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ARV-121</td>
<td>Design</td>
<td>3</td>
<td>This course covers basic theories, vocabulary, principles, techniques, media and problem solving in basic design. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ARV-212</td>
<td>Digital Photography</td>
<td>3</td>
<td>This course is a study of the principles, terminology, techniques, tools, and materials of basic digital photography. Images produced in this course will address the needs of the visual communication industry. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>BAF-201</td>
<td>Principles of Finance</td>
<td>3</td>
<td>This is an introductory course to the field of finance. The monetary and credit system are examined along with how the demand for funds is met in both the public and private sector. Quantitative features include financial rations, the time value of money, capital budgeting and working capital budgeting. 3.0-0.0-3.0</td>
<td>ACC-101 and MAT-160</td>
</tr>
</tbody>
</table>
BAF-230 Computers in Finance  
This course is a study of the operations of computers and available software. Spreadsheet software for financial applications, including amortization schedules, capital budgeting and times value problems is utilized. Quickbooks software application for the small business entrepreneur is utilized.  
PREREQUISITE(S): ACC-101 and CPT-101

BIO-101 Biological Science I  
This course is a study of the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution, and ecology. Laboratory exercises supplement lectures.  
PREREQUISITE(S): RWR-032 or acceptable placement scores. High school biology is recommended.

BIO-102 Biological Science II  
This course is a study of the classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses). Vertebrate animals and vascular plants are emphasized. Laboratory exercises supplement lectures.  
PREREQUISITE(S): BIO-101 or permission of the Department Chair

BIO-105 Principles of Biology  
This is an introductory biology course, unifying biology concepts and principles at all levels. Emphasis is on current topics in biology.  
PREREQUISITE(S): RWR-032 or acceptable placement scores. High school biology is recommended.

BIO-112 Basic Anatomy and Physiology  
This course is a basic integrated study of the structure and function of the human body. Laboratory sessions relate closely to lecture material.  
PREREQUISITE(S): RWR-032 or acceptable placement scores. High school biology is recommended.

BIO-115 Basic Microbiology  
This is a general course in microbiology, including epidemiology, presence, control, and identification of microorganisms. The student performs routine microbiologic laboratory procedures with emphasis on practical application of classroom studies.  
PREREQUISITE(S): RWR-032 or acceptable placement scores and successful completion of any college science course with laboratory or consent of the Department Chair.

BIO-126 Career Options for Health Professions  
This course is designed for student interested in a healthcare-related career. Students will study how social determinants of health contribute to health inequities and assess research evidence presented in health science. Skills that promote academic and clinical success are emphasized.  
PREREQUISITE(S): None

BIO-150 Anatomy Review for Kinesiology  
This course is a study of the fundamentals of human movement to include detailed musculoskeletal and neuromuscular anatomy, an introduction to kinesiological terms, joint planes of movement, and analysis of motion.  
PREREQUISITE(S): BIO-210 and BIO-211

BIO-210 Anatomy and Physiology I  
This is the first in a sequence of courses, including an intensive coverage of the body as an integrated whole. All body systems are studied. Laboratory sessions emphasize microscopic studies and dissections.  
PREREQUISITE(S): RWR-032 or acceptable placement scores.

BIO-211 Anatomy and Physiology II  
This is a continuation of a sequence of courses, including intensive coverage of the body as an integrated whole. All body systems are studied. Laboratory sessions emphasize microscopic studies and dissections.  
PREREQUISITE(S): BIO-210

BIO-216 Physiology  
This course is a study of human physiological processes in relation to homeostasis.  
PREREQUISITE(S): None

BIO-225 Microbiology  
This is a detailed study of microbiology as it relates to infection and the disease processes of the human body. Topics include immunity, epidemiology, medically important microorganisms, and diagnostic procedures for identification.  
PREREQUISITE(S): RWR-032 or acceptable placement scores and successful completion of any college science course with a laboratory or consent of the Department Chair.
BUS-121 Business Law I  CREDITS: 3
This course is a study of legal procedures; law and society; classifications and systems of law; the tribunals administering justice and their actions; contracts; sales; transfer of title; rights and duties of the parties; and conditions and warranties. 3.0-0.0-3.0
PREREQUISITE(S): MGT-101 and ENG-101

BUS-130 Business Communications  CREDITS: 3
This course covers the application of communications skills to situations routinely encountered in business environments. Specifically provides a foundation for these requirements within the business curriculum such as proper electronic business communications, report writing and APA format. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

BUS-135 Wage and Salary Administration  CREDITS: 3
This course is a study of the proper recording and reporting of payroll with special emphasis on internal controls. Payroll computations - both manual and computer-generated - are included. 3.0-0.0-3.0
PREREQUISITE(S): ACC-101 and CPT-101

BUS-210 Introduction to E-Commerce in Business  CREDITS: 3
This course is the study of electronic commerce and the operations and applications from the business perspective. Emphasis is placed on business concepts and strategies and how they apply to the process of buying and selling goods and services online. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

BUS-275 Business Internship  CREDITS: 3
This course includes practical experiences in an approved business setting in conjunction with regular class meetings. The Class sessions will be devoted to discussing topics that will enhance the student’s employability skills. 1.0-8.0-3.0
PREREQUISITE(S): ENG-101 and SPC-205 or SPC-209 and 75% of courses required for Accounting, Management, and Marketing degree.

CHM-105 General Organic and Biochemistry  CREDITS: 4
This course is a study of fundamental principles of chemistry, including atomic and molecular structure, common substances and reactions, introduction to organic chemistry and biochemistry. 3.0-3.0-4.0
PREREQUISITE(S): MAT-102

CHM-110 College Chemistry I  CREDITS: 4
This is the first course in a sequence which includes the following topics: atomic and molecular structure, nomenclature and equations, properties, reactions and states of matter, stoichiometry, gas laws, solutions and equilibria. 3.0-3.0-4.0
PREREQUISITE(S): MAT-102

CHM-111 College Chemistry II  CREDITS: 4
This is a continuation of the study of atomic and molecular structure, nomenclature and equations, properties, reactions, and state of matter, stoichiometry, gas laws, solutions, and equilibria. Other topics included are kinetics, thermodynamics, and electrochemistry. 3.0-3.0-4.0
PREREQUISITE(S): CHM-110

CHM-115 Applied Chemistry for the Nuclear Industry I  CREDITS: 4
This is a survey course in applied chemistry related to the nuclear industry. Topics include nomenclature, structure, and reaction of basic nuclear chemistry. 3.0-3.0-4.0
PREREQUISITE(S): MAT-102 with a grade “C” or higher, or acceptable placement score

CHM-116 Applied Chemistry for the Nuclear Industry II  CREDITS: 4
This is a survey course in the fundamentals of chemical technology with an emphasis on chemical industrial safety specifically within the nuclear industry. 3.0-3.0-4.0
PREREQUISITE(S): CHM-115

CHM-211 Organic Chemistry I  CREDITS: 4
This is the first in a sequence of courses that includes nomenclature, structure and properties, and reaction mechanisms of basic organic chemistry. 3.0-3.0-4.0
PREREQUISITE(S): CHM-111

CHT-224 Current Topics in Industrial Chemistry  CREDITS: 4
This course covers topics of current interest to industrial chemists. 3.0-3.0-4.0
PREREQUISITE(S): MAT-102 with a grade of “C” or higher, or acceptable placement score

CIM-131 Computer Integrated Manufacturing  CREDITS: 3
This course is a comprehensive review of the total manufacturing operation. This is the Project Lead the Way (PLTW) specialty course Computer Integrated Manufacturing. 2.0-3.0-3.0
PREREQUISITE(S): EET-140 or EGR-130 or EGT-152 and MAT-102 or MAT-155
COL-103 College Skills  
This course may include selected topics such as career planning, study skills, stress management, tutoring, group guidance, and other subjects to facilitate student success. It is designed to help students gain confidence in their ability to learn and succeed in college. 3.0-0.0-3.0  
PREREQUISITE(S): None

CPT-101 Introduction to Computers  
This course covers basic computer history, theory and applications, including word processing, spreadsheets, data bases, and the operating system. Applications covered include MS Word, MS Access, MS Excel, email and the Windows operating system. 3.0-0.0-3.0  
PREREQUISITE(S): RWR-032 or acceptable placement test scores

CPT-162 Introduction to Web Page Publishing  
This course is a study of the fundamentals of web page design and implementation. This course teaches the foundation concepts of the HTML language. The use of styles for formatting web page appearance, both within the HTML page and in Cascading Style Sheets, are covered in depth. 2.0-3.0-3.0  
PREREQUISITE(S): RWR-032 or acceptable placement scores

CPT-208 Special Topics in Computer Technology  
This course focuses on changes in computer technology.  
PREREQUISITE(S): CPT-162 and CPT-212

CPT-209 Computer Systems Management  
This course examines the methods and procedures used in maintaining microcomputer systems. Topics include hardware and software installation, configuration, operations, and troubleshooting. This course is applicable to the Associate in Applied Science: Major in Computer Technology and the Associate in Applied Science: Major in Telecommunications Systems Management degree: it is equivalent to A+ Certification. 2.0-3.0-3.0  
PREREQUISITE(S): RWR-032 or acceptable placement scores

CPT-212 Visual Basic Programming  
This course focuses on Windows programming using Visual Basic to create graphical user interfaces. The course examines forms, controls, graphical controls, loops, control arrays, database and traditional file processing and application class scheduling. 2.0-3.0-3.0  
PREREQUISITE(S): CPT-232

CPT-232 C++ Programming I  
This introductory course in C++ Programming I emphasizes the designing, coding, testing, and debugging of C++ programs involving input/output operations, data types, storage classes, decision structures, looping, functions, arrays, simple pointers, and strings. The focus of instruction is the use of C++ for advanced game programming. 2.0-3.0-3.0  
PREREQUISITE(S): MAT-101

CPT-233 C++ Programming II  
This course introduces object-oriented design techniques using C++. Topics include classes, friends, overloading operators, inheritance, and virtual functions. The focus of instruction is the use of C++ for advanced game programming. 2.0-3.0-3.0  
PREREQUISITE(S): CPT-232

CPT-238 Internet Scripting  
This course is a study of Internet programming including the syntax of scripting languages and Internet programming concepts and examines topics related to client-side scripting language programming as well as introducing topics related to server-side scripting. This course focuses on JavaScript, including the jQuery library. 2.0-3.0-3.0  
PREREQUISITE(S): CPT-232, CPT-162, and CPT-212 or CPT-239

CPT-239 Active Server Pages  
This course is a study of Active Server Pages (ASP) programming to build, implement, and execute ASP scripts. Examines topics related to the syntax of server-side ASP scripting as well as the use of ASP with databases. ASP is covered. 2.0-3.0-3.0  
PREREQUISITE(S): CPT-162 and CPT-212

CPT-240 Internet Programming With Databases  
This course is a study of the implementation of dynamic web pages focusing on the development of web sites that interact with databases utilizing current server-side technologies along with the databases to deliver dynamic content to the client browser. This course continues the study of web programming using PHP and MySQL. 2.0-3.0-3.0  
PREREQUISITE(S): CPT-239 and CPT-242
CPT-242 Database  
This course introduces data base models and the fundamentals of data base design. Topics include data base structure, database processing, and application programs which access a data base. SQL is covered in detail using MySQL as the database management system. 2.0-3.0-3.0

PREREQUISITE(S): CPT-232 or CPT-168

CPT-257 Operating Systems  
This course examines the theory of operating systems and how the operation system theory is implemented in current operating systems. 2.0-3.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CPT-265 Advanced Systems and Procedures  
This course uses a complete case study to show the design, development, and implementation business system. The case study will be developed using a team approach to problem solving and systems development. 2.0-3.0-3.0

PREREQUISITE(S): CPT-212, CPT-233, CPT-239, and CPT-242

CPT-269 3D Digital Animation  
This course is a study of 3D computer graphics and animation. Topics include philosophy of 3D space, 3D modeling, texturing, lighting, materials, particles, dynamics, animation, cameras, and rendering. Software used is Maya. 2.0-3.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CPT-288 Computer Game Development I  
This course introduces computer game design and development using Windows API model. Topics include creating 3D models using matrices, transformation, rotation, texture mapping, 3D lighting, meshes, sprites, particles, special effects, and the application of game math and physics techniques. 2.0-3.0-3.0

PREREQUISITE(S): CPT-233

CPT-295 Desktop Publishing Applications  
This course is a study of application software used to design, edit and produce a variety of documents for marketing purposes. Software used is Adobe InDesign. 2.0-3.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-101 Introduction to Criminal Justice  
This course includes an overview of the functions and responsibilities of agencies involved in the administration of justice to include police organizations, court systems, correctional systems, and juvenile justice agencies. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-110 Police Patrol  
This course provides an understanding of the duties, extent of authority, and responsibilities of the uniformed patrolman. Special emphasis is placed on patrol function-line activities, including traffic control and investigation, community relations, vice control, tactical units, civil disturbances, and preventive control. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-115 Criminal Law I  
This course covers the development of criminal law in America. The basic elements of specific criminal offenses, criminal defenses, and various legal principles upon which criminal law is established are reviewed. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-120 Constitutional Law  
This course covers the analysis of the historical development of the U.S. Constitution and the relationship of rights contained therein to the State and the individual. The application of the Bill of Rights to federal and state systems is examined. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-125 Criminology  
This course is a study of the various theories of criminal causation and control, the identification of criminal typologies, and the reaction of society to crime and criminals. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-130 Police Administration  
This course is a study of the organization, administration, and management of law enforcement agencies. 3.0-0.0-3.0

PREREQUISITE(S): RWR-032 or acceptable placement scores
CRJ-140 Criminal Justice Report Writing  
**CREDITS:** 3  
This course is a study of the proper preparation and retention of criminal justice records and reports, including observational skills, formatting and the value of accurate, complete and selective written articulation of information and observations. 2.0-3.0-3.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores

CRJ-202 Criminalistics  
**CREDITS:** 3  
This course covers an introduction to investigative techniques which stress the examination of questioned documents, fingerprint techniques, polygraph examinations, firearms identifications, pathology, toxicology, ballistics and clandestine operations. 2.0-3.0-3.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores

CRJ-217 Crime Scene Investigations  
**CREDITS:** 3  
This course introduces students to securing, documenting and processing a large geographical crime scene. Topics include implementation of an effective incident command system, obtaining necessary resources and overcoming unexpected obstacles associated with investigating a large geographical event. In addition, police tactical operations and approaching and resolving dangerous situations will be studied. 2.0-3.0-3.0  
**PREREQUISITE(S):** CRJ-120

CRJ-218 Crisis Intervention  
**CREDITS:** 3  
This course is a study of the situational procedures and techniques necessary in defusing situations identified as crises. 3.0-0.0-3.0  
**PREREQUISITE(S):** CRJ-101

CRJ-224 Police Community Relations  
**CREDITS:** 3  
This course is a study of the importance of two-way communication between the criminal justice system and the community to foster a working relationship to control crime. A variety of topics are studied, including citizen involvement in crime prevention and police officer interpersonal relations. Furthermore, different ethical systems that police officers may encounter and how behaviors are judged will be discussed. 3.0-0.0-3.0  
**PREREQUISITE(S):** CRJ-115 or CRJ-120

CRJ-230 Criminal Investigation I  
**CREDITS:** 3  
This course is a study of the fundamentals of interviewing witnesses and interrogating suspects. Different methods of conducting crime scene searches and methods used in investigating various crimes are studied in this course. 2.0-3.0-3.0  
**PREREQUISITE(S):** CRJ-202

CRJ-235 Practical Crime Scene Investigations  
**CREDITS:** 3  
This course is a study of practical, hand-on instruction in methodology and policies for the identification, interpretation, collection, packaging, preservation and chain of custody of crime scenes and evidence taken from the crime scenes. In addition, the science of fingerprints and the fingerprinting process at the jail will be studied. 2.0-3.0-3.0  
**PREREQUISITE(S):** CRJ-230

CRJ-236 Criminal Evidence  
**CREDITS:** 3  
This course is a study of the established rules of evidence from arrest to release in the administration of criminal justice. 3.0-0.0-3.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores

CRJ-237 Defensive Tactics of Law Enforcement  
**CREDITS:** 3  
This course is the study of the methodologies and tactics for solving critical incidents that law enforcement must face, such as the arrest process, handcuffing, and felony car stops. In addition, levels of force will be studied. 2.0-3.0-3.0  
**PREREQUISITE(S):** CRJ-120

CRJ-239 Terrorism & Homeland Security  
**CREDITS:** 3  
This course provides an overview of the problem of terrorism and homeland security efforts by drawing on several disciplines. An emphasis is placed on problems and countermeasures within an “all-hazards” approach to protecting people and assets. 3.0-0.0-3.0  
**PREREQUISITE(S):** CRJ-115 or CRJ-120

CRJ-242 Correctional Systems  
**CREDITS:** 3  
This course is an introduction to aspects of correctional function in criminal justice, including organization, process, procedure, and clients incarcerated and on conditional release. 3.0-0.0-3.0  
**PREREQUISITE(S):** CRJ-115 or CRJ-120
CRJ-246 Special Problems in Criminal Justice  CREDITS: 3
In this course issues are examined within the criminal justice community/profession which are of special concern to students and practitioners because of such elements as timeless, local concern, legalistics, and or other dynamic factors of such issues. 3.0-0.0-3.0
PREREQUISITE(S): CRJ-115 or CRJ-120, CRJ-218 and CRJ-230

CRJ-247 Law Enforcement and Latino Community  CREDITS: 3
This course is designed to assist criminal justice personnel in Spanish language and culture to facilitate their interaction with the Hispanic population. 2.0-3.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

CRJ-250 Criminal Justice Internship I  CREDITS: 3
This course includes practical experience in a criminal justice or private security setting. 0.0-9.0-3.0
PREREQUISITE(S): CJR-115 or CRJ-120 and current certification in CPR and Basic First Aid (eight hour course). This course requires a clear background check, and approval of the Department Chair.

CRJ-251 Criminal Justice Internship II  CREDITS: 3
This course includes additional practical experience in a criminal justice or private security setting. 0.0-9.0-3.0
PREREQUISITE(S): CRJ-246 or CRJ-250

CRJ-260 Seminar in Criminal Justice  CREDITS: 3
This course includes a study of new trends in criminal justice. 3.0-0.0-3.0
PREREQUISITE(S): None

CRJ-275 Criminal Investigation, P.S. & Traffic  CREDITS: 3
This course covers the comprehensive duties of patrol officers and the ability to use a variety of police tools. Areas of study include public service and presentation, radio and electronic communications, constitutional law, report writing, traffic and criminal investigations and enforcement. 2.0-3.0-3.0
PREREQUISITE(S): CRJ-202, CRJ-230, CRJ-235 and approval of Department Chair.

CWE-101 Cooperative Work Experience Prep  CREDITS: 1
CWE opportunities are available in a variety of college programs. The student should have completed approximately half of his/her course work, have a good academic average, and be accepted by the applicable business or industry. See your academic advisor for details.
PREREQUISITE(S): None

CWE-112 Cooperative Work Experience I  CREDITS: 2
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-113 Cooperative Work Experience I  CREDITS: 3
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-114 Cooperative Work Experience I  CREDITS: 4
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-122 Cooperative Work Experience II  CREDITS: 2
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-123 Cooperative Work Experience II  CREDITS: 3
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-124 Cooperative Work Experience II  CREDITS: 4
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-132 Cooperative Work Experience III  CREDITS: 2
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None

CWE-133 Cooperative Work Experience III  CREDITS: 3
This course includes cooperative work experience in an approved setting.
PREREQUISITE(S): None
CWE-134 Cooperative Work Experience III  CREDITS: 4

This course includes cooperative work experience in an approved setting.

PREREQUISITE(S): None

DAT-105 Dental Charting and Documentation  CREDITS: 3

This course is the study of dental charting and documentation as it relates to direct patient care in general dentistry. The course will include a clinical observation with emphasis on documentation and clinical records. 3.0-0.0-3.0

PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205 and BIO-112 or BIO-210 and BIO-211 and admission to the EDA program.

DAT-113 Dental Materials  CREDITS: 4

This course is a study of the physical and chemical properties of matter and identification, characteristics, and manipulation of dental materials. 3.0-3.0-4.0

PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205 and BIO-112 or BIO-210 and BIO-211 and admission to the EDA program.

DAT-115 Ethics and Professionalism  CREDITS: 1

This course introduces a cursory history of dental assisting, professional associations, scope of service in dentistry, and ethical, legal and professional considerations. The state Dental Practice Act is reviewed. 1.0-0.0-1.0

PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205 and admission to the EDA program.

DAT-118 Dental Morphology  CREDITS: 2

This course emphasizes the development, eruption, and individual characteristics of each tooth and the surrounding structures. An overview of basic oral embryology and oral histology is also given. 1.0-3.0-2.0

PREREQUISITE(S): BIO-112 or BIO-210 and BIO-211 and admission to the EDA program.

DAT-121 Dental Health Education  CREDITS: 2

This course defines the responsibilities of the dental assistant in individual and community dental health education with emphasis on the etiology of dental disease, methods for prevention, and principles of nutrition in relationship to oral health and preventive dentistry. 1.0-3.0-2.0

PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205 and BIO-112 or BIO-210 and BIO-211 and admission to the EDA program.

DAT-122 Dental Office Management  CREDITS: 2

This course provides a study of the business aspects of a dental office. 2.0-0.0-2.0


DAT-123 Oral Medicine / Oral Biology  CREDITS: 3

This course presents a basic study of oral pathology, pharmacology, nutrition, and common emergencies as related to the role of the dental assistant. 3.0-0.0-3.0

PREREQUISITE(S): AHS-113, DAT-113, DAT-115, DAT-118, DAT-121, and DAT-154

DAT-124 Expanded Functions/Specialties  CREDITS: 1

This course offers practice in performing the expanded clinical procedures designated by the South Carolina State Board of Dentistry for Dental Assistants. 0.0-3.0-1.0

PREREQUISITE(S): AHS-113, DAT-113, DAT-115, DAT-118, DAT-121, and DAT-154

DAT-127 Dental Radiology  CREDITS: 4

This course provides the fundamental background and theory for the safe and effective use of x-radiation in dentistry. It encompasses the history of x-rays, production and use of radiation, radiographic film, exposure factors, interpretation of radiographs and radiation hygiene. 3.0-3.0-4.0

PREREQUISITE(S): AHS-113, DAT-113, DAT-115, DAT-118, DAT-121, and DAT-154

DAT-154 Clinical Procedures I  CREDITS: 4

This course includes preparation to assist dentist efficiently in four-handed dentistry. Emphasis is on the names and functions of all dental instruments, the principles involved in their use, and the dental assistants’ role in dental instrumentation.

PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205 and BIO-112 or BIO-210 and BIO-211 and admission to the EDA program.

DAT-164 Clinical Procedures II  CREDITS: 4

This course introduces the instruments and chair-side procedures of the dental specialties. Students also participate in office rotations. 2.0-6.0-4.0

PREREQUISITE(S): AHS-113, DAT-105, DAT-113, DAT-115, DAT-118, DAT-121, and DAT-154
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
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<tr>
<td>DAT-177</td>
<td>Dental Office Experience</td>
<td>7</td>
<td>This course consists of practice in the dental office or clinic with rotation of assignments to encompass experiences in office management and clinical experience in all areas of dentistry. 0.0-21.0-7.0</td>
<td>Prerequisite(s): DAT-122, DAT-123, DAT-124, DAT-127 and DAT-164</td>
</tr>
<tr>
<td>ECD-101</td>
<td>Introduction to Early Childhood</td>
<td>3</td>
<td>This course includes an overview of the history, theories, and curriculum models of early education. Emphasis is on current trends/issues, with a review of state/national regulations. Characteristics of quality programs and professional teachers are explored in the course. 3.0-0.0-3.0</td>
<td>Prerequisite(s): None</td>
</tr>
<tr>
<td>ECD-102</td>
<td>Growth and Development I</td>
<td>3</td>
<td>This course is an extensive study of philosophies and theories of growth and development of infants/toddlers. Focus is on “total” development of the child, with emphasis on physical, social, emotional, cognitive, and nutritional areas. Developmental tasks and appropriate activities are explored in the course. 3.0-0.0-3.0</td>
<td>Prerequisite(s): RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ECD-105</td>
<td>Guidance-Classroom Management</td>
<td>3</td>
<td>This course is an overview of developmentally appropriate, effective guidance and classroom management techniques for the teacher of young children. A positive, proactive approach is stressed in the course. 3.0-0.0-3.0</td>
<td>Prerequisite(s): RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ECD-106</td>
<td>Observation of Young Children</td>
<td>3</td>
<td>This course includes a variety of observation skills and techniques for the purposes of achieving program goals and objectives, providing for individual needs, guiding children, and designing environments. Focus is on the practical and appropriate use of these skills and techniques. 2.0-3.0-3.0</td>
<td>Prerequisite(s): ENG-101</td>
</tr>
<tr>
<td>ECD-107</td>
<td>Exceptional Children</td>
<td>3</td>
<td>This course includes an overview of special needs children and their families. Emphasis is on prevalence of disorders, treatment modalities, community resources serving exceptional children, the teacher’s role in mainstreaming and early identification, and federal legislation affecting exceptional children. 3.0-0.0-3.0</td>
<td>Prerequisite(s): ECD-102</td>
</tr>
<tr>
<td>ECD-108</td>
<td>Family and Community Relations</td>
<td>3</td>
<td>This course is an overview of techniques and materials for promoting effective family/program partnerships to foster positive child development. Emphasis is on availability and accessibility of community resources and on developing appropriate communication skills. 3.0-0.0-3.0</td>
<td>Prerequisite(s): ENG-101</td>
</tr>
<tr>
<td>ECD-109</td>
<td>Administration and Supervision</td>
<td>3</td>
<td>This course is a study of the role and responsibilities of an early childhood administrator. Special focus is on program monetary matters, space management, curriculum, health and food services, licensing requirements, and relations among the public, staff and parents. 2.0-3.0-3.0</td>
<td>Prerequisite(s): ECD-101 and RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ECD-131</td>
<td>Language Arts</td>
<td>3</td>
<td>This course is a study of methods and materials in age-appropriate language experiences. Opportunities are provided to develop listening, speaking, prereading, and pre-writing skills through planning, implementation, and evaluation of media, methods, techniques, and equipment. Methods of selection, evaluation, and presentation of children’s literature are included. 2.0-3.0-3.0</td>
<td>Prerequisite(s): ECD-101 and ECD-102</td>
</tr>
<tr>
<td>ECD-132</td>
<td>Creative Experiences</td>
<td>3</td>
<td>This course stresses the importance of creativity and independence in creative expression. A variety of age-appropriate media, methods, techniques, and equipment are utilized. Students plan, implement, and evaluate instructional activities. 2.0-3.0-3.0</td>
<td>Prerequisite(s): ECD-101, ECD-102, RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>ECD-133</td>
<td>Science and Math Concepts</td>
<td>3</td>
<td>This course includes an overview of pre-number and science concepts developmentally appropriate for young children. Emphasis is on the planning, implementation, and evaluation of developmentally appropriate activities using a variety of methods and materials. 2.0-3.0-3.0</td>
<td>Prerequisite(s): ECD-101, ECD-102, and MAT-032</td>
</tr>
</tbody>
</table>
ECD-135 Health, Safety, and Nutrition  CREDITS: 3
This course covers a review of health/safety practices recommended for childcare and includes information on common diseases and health problems. Certification preparation is provided in pediatric safety, CPR, and first aid. Guidelines and information on nutrition and developmentally appropriate activities are also studied in the course. 3.0-0.0-3.0
PREREQUISITE(S):  RWR-032 or acceptable placement scores

ECD-138 Movement and Music for Children  CREDITS: 3
This course is a study of criteria for selecting and implementing appropriate experiences to support the physical and musical development of young children. Emphasis is on the selection of materials, equipment, and related design of indoor/outdoor environment. 2.0-3.0-3.0
PREREQUISITE(S):  ECD-101 and ECD-102

ECD-201 Principal of Ethics and Leadership in Early Care and Education  CREDITS: 3
This course includes an overview of historical views on leadership and issues and challenges of leadership in early care and education. Emphasis is on current trends and issues. This course also reviews ethical principles as they relate to children, families, colleagues, and the community and society. 3.0-0.0-3.0
PREREQUISITE(S):  ECD-101 and ENG-101

ECD-203 Growth and Development II  CREDITS: 3
This course is in an in-depth study of preschool children growing and developing in today's world. Focus is on "total" development of the child, with emphasis on physical, social, emotional, cognitive, and nutritional areas of development. Developmental tasks and appropriate activities are explored in the course. 3.0-0.0-3.0
PREREQUISITE(S):  ECD-102 and RWR-032 or acceptable placement scores

ECD-237 Methods and Materials  CREDITS: 3
This course includes an overview of developmentally appropriate methods and materials for planning, implementing, and evaluating environments. Emphasis is on integrating divergent activities in each curriculum area. 2.0-3.0-3.0
PREREQUISITE(S):  ENG-101, ECD-107, ECD-131, ECD-132, ECD-133 and ECD-203

ECD-243 Supervised Field Experience I  CREDITS: 3
This course includes emphasis on planning, implementing, and evaluating scheduled programs, age-appropriate methods, materials, activities, and environments of early childhood principles and practices. 1.0-8.0-3.0
PREREQUISITE(S):  ECD-237 (Grade “C” or better), ECD-105, ECD-106, ECD-201 and approval of the Department Chair

ECD-252 Diversity Issues in Early Care and Ed  CREDITS: 3
This course meets the growing need for students in early care and education to learn how to interact with people who are different from them. It also allows students to examine and appreciate the differences that exist because of diversity from race, language, ethnicity, age and socioeconomic levels. 3.0-0.0-3.0
PREREQUISITE(S):  RWR-032 or acceptable placement scores

ECO-105 Introduction to Economic Principles  CREDITS: 3
This course is a study of basic micro/macro economic concepts, including economic problems and decisions. Topics include the free enterprise and other economic systems. 3.0-0.0-3.0
PREREQUISITE(S):  None

ECO-201 Economic Concepts  CREDITS: 3
This course is a study of basic micro/macro economic concepts, including economic problems and decisions. Topics include the free enterprise and other economic systems. 3.0-0.0-3.0
PREREQUISITE(S):  None

ECO-210 Macroeconomics  CREDITS: 3
This course includes the study of fundamental principles and policies of a modern economy to include markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government’s role in economic decisions and growth. 3.0-0.0-3.0
PREREQUISITE(S):  MAT-032 and RWR-032 or acceptable placement scores

ECO-211 Microeconomics  CREDITS: 3
This course includes the study of the behavior of households and firms, including supply and demand, elasticity, price/input in different market structures, pricing of resources, regulations, and comparative advantage and trade. 3.0-0.0-3.0
PREREQUISITE(S):  MAT-032 and RWR-032 or acceptable placement scores
EEM-105 Basic Electricity  CREDITS: 2
This course is a survey of basic electrical principles, circuits and measurements. 1.0-3.0-2.0
PREREQUISITE(S): None

EEM-117 AC/DC Circuits I  CREDITS: 4
This course is a study of direct and alternating current and voltage in resistors, capacitors and inductors. Series, parallel, and complex circuits are covered. Circuits are constructed and tested. 3.0-3.0-4.0
PREREQUISITE(S): RWR-032 or acceptable placement scores
COREQUISITE(S): MAT-101

EEM-145 Control Circuits  CREDITS: 3
This course covers the principles and applications of component circuits and methods of motor control. 2.0-3.0-3.0
PREREQUISITE(S): MAT-032 and RWR-032 or acceptable placement scores

EEM-162 Introduction to Process Control  CREDITS: 3
This course is an introduction to control systems theory and process control characteristics. 2.0-3.0-3.0
PREREQUISITE(S): EEM-201

EEM-166 Commercial/Industrial Wiring  CREDITS: 4
This course is a study of wiring methods and practice in commercial and industrial applications. The installation of miscellaneous raceway, conductor, and cable systems with relative mechanical fittings and electrical devices. 3.0-3.0-4.0
PREREQUISITE(S): MAT-032 and RWR-032 or acceptable placement scores

EEM-167 Commercial / Industrial Wiring I  CREDITS: 2
This course is an introduction to the study of wiring method and practices in commercial and industrial applications. 1.0-3.0-2.0
PREREQUISITE(S): IMT-113 IMT-103 EEM-105

EEM-201 Electronic Devices I  CREDITS: 3
This course is a study of the fundamental principles of common electronic devices and circuits. Emphasis is placed on solid-state principles and applications. 2.0-3.0-4.0
PREREQUISITE(S): MAT-155 and RWR-032 or acceptable placement scores
COREQUISITE(S): MAT-101

EEM-215 DC/AC Machines  CREDITS: 3
This course is a study of applications, operations, and construction of DC and AC machines. Generators, motors, and transformers are examined as energy converting power devices. 2.0-3.0-3.0
PREREQUISITE(S): MAT-102 or MAT-155 and EEM-201 or EET-114

EEM-221 AC/DC Drives  CREDITS: 3
This course covers the principles of operation and application of DC drives and AC drives. 2.0-3.0-3.0
PREREQUISITE(S): EEM-145, EEM-215, and EEM-251

EEM-231 Digital Circuits I  CREDITS: 3
This course is a study of the logic elements, mathematics, components, and circuits utilized in digital equipment. Emphasis is placed on the function and operation of digital integrated circuit devices. Students will predict and verify output logic based on input conditions. 2.0-3.0-3.0
PREREQUISITE(S): None

EEM-251 Programmable Controllers  CREDITS: 3
This course is an introduction to programmable control systems with emphasis on basic programming techniques. A variety of input/output devices and their applications are covered. Programs are designed and tested in response to problem solving. 2.0-3.0-3.0
PREREQUISITE(S): EET-140

EEM-275 Technical Troubleshooting  CREDITS: 3
This course consists of a systematic approach to troubleshooting. Techniques used to analyze proper circuit operation and malfunctions are studied. 2.0-3.0-3.0
PREREQUISITE(S): EEM-145, EEM-215, EEM-251, and IMT-126

EET-113 Electrical Circuits I  CREDITS: 4
This course is a study of direct and alternating currents, covering resistance and impedance in series, parallel, and series-parallel circuits using Ohm’s Law, Kirchoff’s Law, and basic circuit theorems. Circuits are analyzed using mathematics and verified using electrical instruments. 3.0-3.0-4.0
PREREQUISITE(S): MAT-032 and RWR 032 or acceptable placement scores
COREQUISITE(S): MAT-101
**EET-114 Electrical Circuits II**  
CREDITS: 4  
This course is a continuation in electrical circuits, including advanced network theorems. Circuits are analyzed using mathematics and verified using electrical instruments. 3.0-3.0-4.0  
**PREREQUISITE(S):** MAT-110 and EET-113  
**COREQUISITE(S):** MAT-111

**EET-130 Network Devices**  
CREDITS: 3  
This course studies semiconductor theory and principles, diodes and diode circuits, transistors, transistor circuits, and other components. Circuits are modeled, constructed, and tested. 2.0-3.0-3.0  
**PREREQUISITE(S):** EET-113 and MAT-110

**EET-140 Digital Electronics**  
CREDITS: 3  
This course is a study of the fundamentals of logic theory and circuits. Circuits and analyzed mathematically and tested using simulation software and electronic instruments. 2.0-3.0-3.0  
**PREREQUISITE(S):** MAT-101 and RWR-032 or acceptable placement scores

**EET-141 Electronic Circuits**  
CREDITS: 4  
This course is a study of electronic circuits using discrete and integrated devices, including analysis, construction, testing and troubleshooting. 3.0-3.0-4.0  
**PREREQUISITE(S):** EET-113 and MAT-110

**EET-227 Electrical Machinery**  
CREDITS: 3  
This course is a study of AC and DC electromechanical energy conversion devices, theory, applications and control. Devices are tested and verified using electrical instruments. 2.0-3.0-3.0  
**PREREQUISITE(S):** EET-114

**EET-231 Industrial Electronics**  
CREDITS: 4  
This course is a survey of topics related to industrial application of electronic devices and circuits. The course covers switches, DC and AC motor controls, sensors and transducers, open and closed loop control circuits and voltage converting interfaces. Circuits are constructed and tested. 3.0-3.0-4.0  
**PREREQUISITE(S):** EET 113, MAT 110 and (EET 235 or EEM 251).

**EET-235 Programmable Controllers**  
CREDITS: 3  
This course is a study of relay logic, ladder diagrams, theory of operations and applications. Loading ladder diagrams, debugging and troubleshooting techniques are applied to programmable controllers. 2.0-3.0-3.0  
**PREREQUISITE(S):** EET-140

**EET-241 Electronic Communications**  
CREDITS: 4  
This course is a study of the theory of transmitters and receivers, with an emphasis on receivers, mixers, IF amplifiers, and detectors. Some basic FCC rules and regulations are also covered. In addition modulation technique, wave theory, antennas, and transmission lines. The mathematical analysis of these topics is emphasized. The course also prepares students for FCC and Certified Electronics Technicians tests. 3.0-3.0-4.0  
**PREREQUISITE(S):** EET-114, MAT-110 and (EET-130 or EET-141)

**EET-251 Microprocessor Fundamentals**  
CREDITS: 4  
This course is study of binary numbers, microprocessor operation, architecture, instruction sets, and interfacing with operating systems, and applications in control, data acquisition, and data reduction and analysis. Programs are written and tested. 3.0-3.0-4.0  
**PREREQUISITE(S):** MAT-102, EET-140

**EGR-104 Engineering Technology Foundations**  
CREDITS: 3  
This problem-based course introduces the student to fundamental concepts of electrical, mechanical, thermal, fluids, optical, and material systems related to engineering technology. Workplace readiness skills such as laboratory safety, communications, and teamwork are integrated into the course. 2.0-3.0-3.0  
**PREREQUISITE(S):** MAT-155 and RWR-032 or acceptable placement scores

**EGR-105 Safety in Workplace**  
CREDITS: 1  
This course is a survey of safety regulations and personal safety. Emphasis is placed on industrial settings but will include general safety considerations such as eye protection, ergonomics, falls, general electrical hazards, bloodborne pathogens, MSDS, and OSHA requirements. 1.0-0.0-1.0  
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores

**EGR-130 Engineering Technical Applications & Programming**  
CREDITS: 3  
This course covers the development and use of computer programs to solve engineering technology problems. 2.0-3.0-3.0  
**PREREQUISITE(S):** MAT-155 or MAT-110

**EGR-245 Principles of Parametric CAD**  
CREDITS: 3  
This course is the study of 3D product and machine design utilizing state-of-the-art parametric design software.  
**PREREQUISITE(S):** None
### EGR-255 Engineering Technology  
**Senior Systems Project**  
**CREDITS:** 2  
This course includes an instructor approved project which is designed, specified, constructed and tested. 0.0-6.0-2.0  
**PREREQUISITE(S):** EET-130, EET-141, MAT-111 and EEM-251 or EET-251

### EGR-280 Chemical Process Operations  
**CREDITS:** 3  
This course is a study of chemical process principles. Topics include material and energy balances in the chemical industry, including reactive and non-reactive systems. Properties of gases, liquids and solids are also emphasized. 2.0-3.0-3.0  
**PREREQUISITE(S):** CHM-110, MAT-110

### EGT-102 Technical Drawing  
**CREDITS:** 2  
This course covers the application of drawing and drawing techniques in the preparation of multiview orthographic, pictorial, working and / or assembly drawings. Basic methods of dimensioning, tolerancing, sectioning, and fit of mating parts performed in industrial fabrication and assembly practices are included. 1.0-3.0-2.0  
**PREREQUISITE(S):** None

### EGT-105 Basic Civil Drafting  
**CREDITS:** 2  
This course covers the application of drawing techniques to structures, map topography, and other civil applications. 2.0-0.0-2.0  
**PREREQUISITE(S):** None

### EGT-110 Engineering Graphics I  
**CREDITS:** 4  
This is an introductory course in engineering graphics science which includes beginning drawing techniques and development of skills to produce basic technical drawings. Topics covered include sketching, geometric construction, orthographic drawing, sections, shop processes, and dimensioning. 2.0-6.0-4.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores  
**COREQUISITE(S):** EGT-152

### EGT-115 Engineering Graphics II  
**CREDITS:** 4  
This course in engineering graphics science includes additional drawing techniques for industrial applications. 2.0-6.0-4.0  
**PREREQUISITE(S):** EGT-110 or both EGT-102 and EGT-109

### EGT-117 Welding Print Principles  
**CREDITS:** 2  
This course covers welding symbols and their application to pipe fabrication. 2.0-0.0-2.0  
**PREREQUISITE(S):** EGT-123

### EGT-123 Industrial Print Reading  
**CREDITS:** 2  
This course covers basic print reading and sketching for the industrial trades area. Sketching of geometric shapes and interpretation of working shop drawings are also included. 2.0-0.0-2.0  
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores.

### EGT-130 Geometric Dimensioning & Tolerancing APS  
**CREDITS:** 3  
This course covers interpreting, calculating tolerancing, inspecting, computing geometrics of rejected parts, and analyzing the concepts of geometric control. 3.0-0.0-3.0  
**PREREQUISITE(S):** MAT-155 and EGT-110 or EGT-152

### EGT-150 Basic CAD  
**CREDITS:** 2  
This course covers the basics of computer aided drafting, including hardware, software systems and operating systems and development of skills for creating and plotting simple technical drawings. 1.0-3.0-2.0  
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores.  
**COREQUISITE(S):** EGT-110

### EGT-151 Introduction to CAD  
**CREDITS:** 3  
This course covers the operation of a computer aided drafting system. The course includes interaction with a CAD station to produce technical drawings. This is an introductory course in Intergraph (Microstation). 2.0-3.0-3.0  
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores.

### EGT-152 Fundamentals of CAD  
**CREDITS:** 3  
This course includes a related series of problems and exercises utilizing the computer graphics station as a drafting tool. The student will interact with the computer terminal, digitizer, and plotter to produce engineering drawings. This is an introductory course to AutoCAD. 2.0-3.0-3.0  
**PREREQUISITE(S):** MAT-101 or have completed high school algebra and RWR-032 or acceptable placement scores.
EGT-215 Mechanical Drawing Applications  
This advanced drawing course covers industrial applications. 3.0-3.0-4.0  
**PREREQUISITE(S):** EGT-110 and EGT-150 or EGT-152

EGT-220 Structural and Piping Applications  
This advanced drawing course covers structural steel and process piping applications. 3.0-3.0-4.0  
**PREREQUISITE(S):** EGT-110 and EGT-150 or EGT-152

EGT-225 Architect Drawing Applications  
This is an advanced drawing course for architectural applications. 3.0-3.0-4.0  
**PREREQUISITE(S):** EGT-110 and EGT-150 or EGT-152

EGT-245 Principles of Parametric CAD  
This course is the study of 3D product and machine design utilizing state-of-the-art parametric design software. 2.0-3.0-3.0  
**PREREQUISITE(S):** EGT-110 and EGT-150 or EGT-152

EGT-281 Prototype Modeling  
This course provides hands-on model making using a variety of tools and materials. 2.0-3.0-3.0  
**PREREQUISITE(S):** EGT-110 and EGT-150 or EGT-152

ELT-251 Special Topics in Electronics  
This course covers a special phase or area of electronics - telecommunications. 2.0-0.0-2.0  
**PREREQUISITE(S):** None

ELW-101 Introduction to Wireless Technology  
This course introduces the fundamental elements of wireless technology relevant to tower installation. Topics include wireless networks, applications, services, a basic technical overview of spectrum principles and characteristics. 1.0-0.0-1.0  
**PREREQUISITE(S):** None

ELW-102 Intro to Tower Safety Procedures  
This course introduces the fundamental aspects of fall protection and rescue theory. Coursework will provide practical application of tower safety practices. Topics include fall hazards, protection regulations, understand, use, and assess full body harnesses, and energy absorbing lanyard. 2.0-3.0-3.0  
**PREREQUISITE(S):** None

ELW-103 Intro to Cable Accessories & Standards  
This course introduces the fundamentals and characteristics of cable accessories and carrier installation standards for a broad cross section of wireless construction. Topics include communication cables, weather proofing, handling and support, grounding, and the components of cell systems. 1.0-3.0-2.0  
**PREREQUISITE(S):** None

ELW-104 Advanced Rigging Techniques  
This course introduces intermediate and advanced rigging techniques, including load calculations for all components in a rigging system. 2.0-0.0-2.0  
**PREREQUISITE(S):** Basic Tower and Wireless Installation Certificate or Instructor Approval

ELW-105 A&I Mapping and Structural Inspections  
This course introduces antenna and line tower mapping and structural mapping elements, including gathering field data and reporting. 3.0-0.0-3.0  
**PREREQUISITE(S):** Basic Tower and Wireless Installation Certificate or Instructor Approval

ELW-106 Stealth and Concealment Fundamentals  
This course is a study of the origins of stealth structures along with fundamental principles and practices for installing or modifying stealth structures. 3.0-0.0-3.0  
**PREREQUISITE(S):** Basic Tower and Wireless Installation Certificate or Instructor Approval

ELW-107 Siting and Zoning Siting and Zoning  
This course will present and explain soil analysis, FAA & FCC sitting requirements, municipal permitting and zoning requirements, and telecommunications specific prohibitions. 2-3-3  
**PREREQUISITE(S):** None

ELW-111 Intro to Electrical Line Worker  
This course introduces basic principles of electricity, safety standards and basic line worker tools. Topics include electrical distribution systems and components, line installation and maintenance applications. 3.0-0.0-3.0  
**PREREQUISITE(S):** None
ELW-114 Overhead Line Construction 1  CREDITS: 3
This course introduces the basics of overhead power line construction. Topics include safe work habits, protective equipment and pole climbing techniques. 1.0-6.0-3.0
PREREQUISITE(S): None

EMS-110 Basic Emergency Medical Care  CREDITS: 5
This is an introductory course to the health care system and the function, role, and responsibility of emergency medical providers within the system. Emphasis is placed on legal and ethical practices and stress management. A team approach is emphasized in the study of the initial assessment and management of illness and injury. 4.0-3.0-5.0
PREREQUISITE(S): BIO-112 and ENG-160
COREQUISITE(S): EMS-212

EMS-111 Intermediate Emergency Care  CREDITS: 5
This course is a study of the concepts and skills related to general patient assessment, initial management of life threatening emergencies, airway management, pulmonary ventilation and oxygen administration, the pathophysiology of shock and treatment modalities for the shock syndrome, and pharmacological actions of groups of drugs and fluids. Emphasis is placed on administration of medication and fluid therapy, basic vehicle extrication, and rescue. 4.0-3.0-5.0
PREREQUISITE(S): EMS-110 and EMS-212
COREQUISITE(S): EMS-271

EMS-119 Emergency Medical Services Operations  CREDITS: 2
This course is a multi-faceted approach to theory of EMS operations. Topics include expanded provider roles, EMS systems overview, medical/legal aspects, theory of ambulance operations, mass casualty incident management, rescue awareness, crime scenes, terrorism, and weapons of mass destruction. 1.0-3.0-2.0
COREQUISITE(S): EMS-213

EMS-120 Pharmacology  CREDITS: 3
This course is a study of concepts related to the pharmacological actions of groups of drugs and includes the development of skills related to the administration of medications and intravenous therapy. Physiology of systems affected drug action is also included in the course. 3.0-0.0-3.0
PREREQUISITE(S): MAT-155 and BIO-112 (or BIO-210 and BIO-211)

EMS-151 Paramedic Clinical I  CREDITS: 2
This course provides an introduction to hospital care in an emergency and trauma setting. Emphasis is placed on care for adult, obstetrical, pediatric and behavioral patients. 0.0-6.0-2.0
PREREQUISITE(S): PHI-110 and EMS-120
COREQUISITE(S): EMS-210

EMS-210 Advanced Emergency Medical Care I  CREDITS: 5
This course is a study of concepts related to EMS communications, trauma, obstetric/ gynecological emergencies, neonatal transport, psychiatric emergencies, central nervous system, GI/GU systems, anaphylaxis, toxicological emergencies, drug abuse, infectious diseases, geriatric and pediatric patients, and environmentally related emergencies. 3.0-6.0-5.0
PREREQUISITE(S): BIO-112 or (BIO 210 and BIO 211), ENG-160, EMS-110, and EMS-212
COREQUISITE(S): EMS-151 and EMS-220

EMS-212 Ems Field Internship  CREDITS: 2
This course includes experiences with advanced life support emergency medical services. 0.0-6.0-2.0
PREREQUISITE(S): None
COREQUISITE(S): EMS-110

EMS-213 Advanced Emergency Medical Care II  CREDITS: 4
This course is a study of the concepts and skills related to care of specific medical problems. Emphasis is placed on the pathophysiology and treatment modalities related to the respiratory system, cardiovascular system, and the endocrine system. Concepts related to the classification, therapeutic actions, and side effects of common chemotherapeutic agents are emphasized. 2.0-6.0-4.0
PREREQUISITE(S): EMS-210
COREQUISITE(S): EMS-231 and EMS-221

EMS-217 Introduction to Electrocardiography  CREDITS: 2
This course covers the basic principles of recognizing and interpreting EKG tracings. Laboratory emphasis is placed on the operation of electrocardiographic equipment. 1.0-3.0-2.0
PREREQUISITE(S): None
COREQUISITE(S): EMS-220
EMS-220 Paramedic Internship I  
**CREDITS:** 3  
This course includes experiences with advanced life support emergency medical service providers. 2.0-3.0-3.0  
**PREREQUISITE(S):** PSY-201, CPT-101, and EMS-120  
**COREQUISITE(S):** EMS-210

EMS-221 Paramedic Internship II  
**CREDITS:** 3  
This course builds on the experiences gained in Paramedic Internship I. Focus is on the student and their ability to apply knowledge gained in the classroom during an emergency situation while treating a wide variety of patients in different situations. 2.0-3.0-3.0  
**PREREQUISITE(S):** EMS-220  
**COREQUISITE(S):** EMS-213

EMS-231 Paramedic Clinical II  
**CREDITS:** 2  
This course provides application of the knowledge and skills learned in the classroom to patients in the emergency department setting and in other appropriate clinical facilities. 0.0-6.0-2.0  
**PREREQUISITE(S):** EMS-151  
**COREQUISITE(S):** EMS-213

EMS-271 Advanced Emergency Operations  
**CREDITS:** 4  
This course introduces the concepts of EMS procedures including vehicle operations, hazardous materials response, and interaction with larger teams of emergency responders. 3.0-3.0-4.0  
**PREREQUISITE(S):** EMS-110 and EMS-112  
**COREQUISITE(S):** EMS-111

EMS-272 Paramedic Capstone  
**CREDITS:** 4  
This course provides the opportunity for the student to function as a team leader in a 911 response agency by managing and accounting for all aspects of the emergency room scene and patient care.  
**PREREQUISITE(S):** EMS-213, EMS-231, EMS-221, and EMS-219

ENG-101 English Composition I  
**CREDITS:** 3  
This is a college transfer course in which the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented. 3.0-0.0-3.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores

ENG-102 English Composition II  
**CREDITS:** 3  
This is a college transfer course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included. Assignments will include critical thinking exercises, a research paper, and the study of a selected novel. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101 with a grade of “C” or higher

ENG-160 Technical Communications  
**CREDITS:** 3  
This course is a study of various technical communications such as definitions, processes, instructions, descriptions, and technical reports. Both oral and written communication essential to job effectiveness and professionalism are emphasized. 3.0-0.0-3.0  
**PREREQUISITE(S):** RWR-032 or acceptable placement scores

ENG-201 American Literature I  
**CREDITS:** 3  
This course is a study of American Literature from the colonial period to the civil war. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101

ENG-202 American Literature II  
**CREDITS:** 3  
This course is a study of American Literature from the civil war to the present. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101

ENG-205 English Literature I  
**CREDITS:** 3  
This is a college transfer course in which the following topics are presented: the study of English literature from the old English period to the Romantic period with emphasis on major writers and periods. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101

ENG-206 English Literature II  
**CREDITS:** 3  
This is a college transfer course in which the following topics are presented: the study of English Literature from the Romantic Period to the Present with emphasis on major writers and periods. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101

ENG-207 Literature for Children  
**CREDITS:** 3  
This course provides an introduction to children’s literature in America through an examination of picture books & novels that depict Americans of various backgrounds and experiences. It focuses on defining quality in children’s book writing & illustration, and assessing concerns in the field. 3.0-0.0-3.0  
**PREREQUISITE(S):** ENG-101
ENG-208 World Literature I
CREDITS: 3
This course is a study of masterpieces of world literature in translation from the ancient world to the sixteenth century. It includes literary analysis and research. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101

ENG-209 World Literature II
CREDITS: 3
This course is a study of masterpieces of world literature in translation from the seventeenth century to the present. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101

ENG-236 African American Literature
CREDITS: 3
This course is a critical study of African American Literature examined from historical, social, and psychological perspectives. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101

ENG-238 Creative Writing
CREDITS: 3
This course presents an introduction to creative writing in various genres. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101

ENG-260 Advanced Technical Communication
CREDITS: 3
This course develops skills in research techniques and increases proficiency in technical communications. 3.0-0.0-3.0
PREREQUISITE(S): ENG-160 or ENG-101 and SPC-205

FST-209 Hazard Materials Chemistry
CREDITS: 3
This course is a study of basic chemistry related to the categories of hazardous materials including recognition, identification, reactivity, and health hazards encountered by emergency services. 3.0-0.0-3.0
PREREQUISITE(S): None

GEO-101 Introduction to Geography
CREDITS: 3
This course is an introduction to the principles and methods of geographic inquiry. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

GEO-102 World Geography
CREDITS: 3
This course includes a geographic analysis of the regions of the world, i.e., North and South America, Europe, Australia, Asia, and Africa. Diversity of each region is emphasized by examining its physical environment, natural resources, social, cultural, economic and political systems. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

GLY-101 Physical Geology
CREDITS: 4
This course is a study of the earth's surface, internal processes and the resulting rock products. Topics include plate tectonics, the rock cycle and uniformitarianism. 3.0-3.0-4.0
PREREQUISITE(S): RWR-032 and MAT-032 or acceptable placement scores

HIM-102 Introduction to Coding and Classification Systems
CREDITS: 1
This course provides an introduction to classification systems, the role of coding in reimbursement, indexing and statistics, and the beginning foundation of the study of disease. 1.0-0.0-1.0
PREREQUISITE(S): RWR-032; or acceptable placement scores

HIM-110 Health Information Science I
CREDITS: 3
This course provides an in-depth study of the content, retrieval, control and retention of health information systems. 3.0-0.0-3.0
PREREQUISITE(S): None

HIM-130 Billing & Reimbursements
CREDITS: 3
This course provides an introduction to medical insurance billing and reimbursement practices with emphasis on the primary payers such as Medicare and Medicaid. 3.0-0.0-3.0
PREREQUISITE(S): HIM 102
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisite(s) / Co-requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM-135</td>
<td>Medical Pathology</td>
<td>3</td>
<td>This course is a study of disease processes, general classification of disease including signs and symptoms, systems affected by disease, diagnostic measures, types of treatment including surgical and/or chemical interventions, and terminology. 3.0-0.0-3.0</td>
<td>BIO-112</td>
</tr>
<tr>
<td>HIM-137</td>
<td>Pharmacology for Coders</td>
<td>1</td>
<td>This course is a study of therapeutic agents in relation to medical record coding and reimbursement issues. 1.0-0.0-1.0</td>
<td>None</td>
</tr>
<tr>
<td>HIM-140</td>
<td>Current Procedural Terminology I</td>
<td>3</td>
<td>This course provides a basic study of the CPT and HCPCS coding and classification systems particular to the physician’s office setting. Students will learn how to assign codes to capture the professional component of services provided. 2.0-3.0-3.0</td>
<td>HIM-216</td>
</tr>
<tr>
<td>HIM-141</td>
<td>Current Procedural Terminology II</td>
<td>3</td>
<td>This course provides an intermediate study of the CPT and HCPC-S coding and classification systems with respect to surgical outpatient facilities and hospitals. 3.0-0.0-3.0</td>
<td>HIM-140</td>
</tr>
<tr>
<td>HIM-150</td>
<td>Coding Practicum I</td>
<td>3</td>
<td>This course provides clinical practice in the application of basic coding and classification system guidance in selected health care facilities. 0.0-9.0-3.0</td>
<td>HIM-140 and HIM-216</td>
</tr>
<tr>
<td>HIM-216</td>
<td>Coding &amp; Classifications I</td>
<td>3</td>
<td>This course includes a study of disease, procedural coding and classification systems. 2.0-3.0-3.0</td>
<td>None</td>
</tr>
<tr>
<td>HIM-225</td>
<td>Coding &amp; Classifications II</td>
<td>3</td>
<td>This course provides a study of advanced coding and classification systems. 2.0-3.0-3.0</td>
<td>HIM-216</td>
</tr>
<tr>
<td>HIM-227</td>
<td>Senior Professional Competencies</td>
<td>3</td>
<td>This capstone course is designated to promote interactive discussion related to the HIM profession to include career issues and opportunities. The course includes specific projects and capstone competencies in a mock testing environment. 3.0-0.0-3.0</td>
<td>HIM-150</td>
</tr>
<tr>
<td>HIS-101</td>
<td>Western Civilization to 1689</td>
<td>3</td>
<td>This course is a survey of western civilization from ancient times to 1689, including the major political, social, economic, and intellectual factors shaping western cultural tradition. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>HIS-102</td>
<td>Western Civilization: Post 1689</td>
<td>3</td>
<td>This course is a survey of western civilization from 1689 to the present, including the major political, social, economic, and intellectual factors which shape the modern western world. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>HIS-201</td>
<td>American History: Discovery to 1877</td>
<td>3</td>
<td>This course is a survey of U.S. history from discovery to 1877. This course includes political, social, economic, and intellectual developments during this period. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>HIS-202</td>
<td>American History: 1877 to Present</td>
<td>3</td>
<td>This course is a survey of U.S. history from 1877 to the present. This course includes political, social, economic, and intellectual developments during this period. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>HIS-235</td>
<td>American Military History</td>
<td>3</td>
<td>This course explores the development of the American military from the 1600s through the Vietnam War. Study focuses on the military’s actions during conflicts with other nations, its relation to society, and its role in the evolution of the American nation. 3.0-0.0-3.0</td>
<td>HIS-201 or HIS-202</td>
</tr>
</tbody>
</table>
IDS-101 Human Thought and Learning  
**CREDITS:** 3
This course explores the principles, methods, and application of human thought and learning, including such topics as attention, information processing, problem-solving, hypothesis testing, memory, argumentation, learning theory, and cognitive awareness. 3.0-0.0-3.0
**PREREQUISITE(S):** ENG-101 or ENG-160

IDS-151 21st Century Workplace  
**CREDITS:** 1
This course examines the fundamental changes which are occurring in the modern American workplace: international competition, technological change, the quality movement, standardization, customization, and similar forces. It examines these dynamics in particular reference to their impact on interpersonal relations, teamwork, and leadership. This course is for youth programs only. 0.0-3.0-1.0
**PREREQUISITE(S):** None

IDS-156 Personal Customer Service Skills  
**CREDITS:** 1
This course takes an in-depth look at the application and implementation of personal communication skills essential to managing successful customer service relations. 1.0-0.0-1.0
**PREREQUISITE(S):** RWR-032 and MAT-032; or acceptable placement scores.

IDS-201 Leadership Development  
**CREDITS:** 3
This course focuses on the development of leadership, including philosophy, morals/ethics, and individual ability/style. It is designed to increase students understanding of themselves and the theories and techniques of leadership and group processes by integrating theoretical concepts with the reality of application within a group setting. 3.0-0.0-3.0
**PREREQUISITE(S):** ENG-101 or ENG-160

IMT-101 Introduction to Industrial Maintenance  
**CREDITS:** 2
This course is an introduction to industrial maintenance. This course is for youth programs only. 1.0-3.0-2.0
**PREREQUISITE(S):** None

IMT-103 Precision Measuring Instrument  
**CREDITS:** 2
This course covers the use of various precision measuring instruments commonly used in the industry. 1.3.2
**PREREQUISITE(S):** None

IMT-113 Power Tools Operations  
**CREDITS:** 2
This course covers the use of power tools and their applications in industrial and service areas. 1.0-3.0-2.0
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores.

IMT-114 Benchwork and Assembly  
**CREDITS:** 2
This course covers the use of hand and power tools, measuring, and prints associated with an assembly project. It will give students the platforms to demonstrate their knowledge and skill in the form of a final project. 1.3.2
**PREREQUISITE(S):** None

IMT-121 Drive Systems  
**CREDITS:** 2
This course covers drive systems consisting of belts and pulleys, chains and sprockets, and gear drives used to transmit power. 1.0-3.0-2.0
**PREREQUISITE(S):** MAT-032 and RWR-032 or acceptable placement scores

IMT-122 Couplings  
**CREDITS:** 3
This course covers methods used to install various types of couplings, both flexible and rigid, used to transmit energy. 1.0-3.0-2.0
**PREREQUISITE(S):** IMT-121, MAT-032, and RWR-032 or acceptable placement scores

IMT-126 Introduction to Mechanical Installation  
**CREDITS:** 2
This course includes and introduction to the skills required for rigging, installing, and repairing machinery. 1.0-3.0-2.0
**PREREQUISITE(S):** IMT-113, IMT-121, IMT-122, and IMT-151

IMT-131 Hydraulics and Pneumatics  
**CREDITS:** 4
This course covers the basic technology and principles of hydraulics and pneumatics. Upon completion of this course, the student should understand basic terminology, symbols, and principles and be able to maintain a basic fluid power system. 3.0-3.0-4.0
**PREREQUISITE(S):** MAT-101 and RWR-032 or acceptable placement scores
IMT-151 Piping Systems  CREDITS: 3
This course covers plumbing and piping systems used in industrial, commercial, and/or residential construction. Emphasis is placed on the reading and sketching of piping schematics as well as the fabrication and design of piping systems. The student learns to thread pipe, solder/flare copper tubing, and make up plastic pipe joints. 2.0-3.0-3.0
PREREQUISITE(S):  MAT-032 and RWR-032 or acceptable placement scores

IMT-171 Manufacturing Skills Standard Council Certification I  CREDITS: 1
This course is a study of manufacturing safety as one of four key portable production skills associated with MSSC certification. Students will learn how to perform safety and environmental inspections, and how to offer procedural suggestions that support safety in the manufacturing work environment. 0.0-3.0-1.0
PREREQUISITE(S):  None

IMT-172 Manufacturing Skills Standard Council Certification 2  CREDITS: 1
This course is a study of quality and continuous improvement as one of four key manufacturing portable production skills associated with MSSC certification. Students will learn how to inspect materials and processes, and take corrective actions to restore or maintain quality. 0.0-3.0-1.0
PREREQUISITE(S):  None

IMT-173 Manufacturing Skills Standard Council Certification 3  CREDITS: 1
This course is a study of manufacturing processes and production as one of four key portable production skills associated with MSSC certification. Students will examine the entire production process cycle including resource availability, product specifications, and shipping/distribution. 0.0-3.0-1.0
PREREQUISITE(S):  None

IMT-174 Manufacturing Skills Standard Council Certification 4  CREDITS: 1
This course is a study of maintenance awareness as one of four key manufacturing portable production skills associated with MSSC certification. Topics include potential maintenance issues with basic production systems, preventive maintenance, and routine repairs. 0.0-3.0-1.0
PREREQUISITE(S):  None

IMT-219 Maintenance Welding  CREDITS: 3
This course is designed to teach students the principles of basic welding safety, SMAW equipment and setup, electrodes and selection. 2.0-3.0-3.0
PREREQUISITE(S):  WLD-108, WLD-130, and EGT-123

IST-166 Network Fundamentals  CREDITS: 3
This course is a study of local area networking concepts through discussions on connectivity, communications and other networking fundamentals. The course is designed to prepare the student to be successful in completing industry network fundamental certification exams. 3.0-0.0-3.0
PREREQUISITE(S):  RWR-032 or acceptable placement test scores

IST-201 Cisco Internetworking Concepts  CREDITS: 3
This course is a study of current and emerging computer networking technology. Topics covered include safety, networking, network terminology and protocols, network standards, LANs, WANs, OSI models, cabling, cabling tools, Cisco routers, router programming, star topology, IP addressing and network standards. 2.0-3.0-3.0
PREREQUISITE(S):  RWR-032 or acceptable placement scores

IST-202 Cisco Router Configuration  CREDITS: 3
This course is a study of LANs, WANs, OSI models, Ethernet, token ring, fiber distributed data interface TCP/IP addressing protocol, dynamic routing, routing, and the network administrator’s role and function. 2.0-3.0-3.0
PREREQUISITE(S):  IST-201

IST-203 Advanced Cisco Router Configuration  CREDITS: 3
This course is a study of configuring Cisco Routers. Topics include LAN Switching, VLANs, LAN design, IGRP, Access Lists, Novell IP, and the use of numerous case studies. 2.0-3.0-3.0
PREREQUISITE(S):  IST-202

IST-204 Cisco Troubleshooting  CREDITS: 3
This course is a study troubleshooting network problems. Topics include WAN, WAN design, PPP, ISDN, Frame Relay and the use of numerous case studies. 2.0-3.0-3.0
PREREQUISITE(S):  IST-202
IST-220 Data Communications  CREDITS: 3
This course is a study of the fundamentals of data communications. Basic signaling, networking, and various transmission media are covered. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree. 2.0-3.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

IST-238 Advanced Tools for Website Design  CREDITS: 3
This course is a study of an advanced (4th generation) web authoring tool (such as Dreamweaver) to develop increased efficiency and sophistication in website design and web project management. 2.0-3.0-3.0
PREREQUISITE(S): CPT-162

IST-241 Network Architecture I  CREDITS: 3
This course is a study of how computer architecture relates to the interconnecting of various network components, the environment in which applications processes execute, and the overall plan defining services to be provided in a distributed environment. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree and is equivalent to Network+ Certification. 2.0-3.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

IST-246 Integrated Digital Network  CREDITS: 3
This course discusses the characteristics and operation of packet switching and networking technologies such as ISDN, Frame Relay, and ATM. The course includes fundamental Wide Area Networking technology. This course covers the theoretical and practical aspects of creating an Active Directory network, including various Active Directory components such as IntelliMirror, DNS, disk imaging, replication and troubleshooting. 2.0-3.0-3.0
PREREQUISITE(S): CPT-257 OR IST-201

IST-261 Advanced Network Administration  CREDITS: 3
This course is an advanced study of the networking operating system. Topics include installation upgrades, IP services, internet infrastructure, advanced server management and security, NDS management and server optimization. 2.0-3.0-3.0
PREREQUISITE(S): IST-202
COREQUISITE(S): IST-246

IST-263 Designing Windows Network Security  CREDITS: 3
This course is an advanced study of security features of networks including authentication protocol, public key infrastructure, IPsec, and Certificate servers. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree and is equivalent to Server+ Certification. 2.0-3.0-3.0
PREREQUISITE(S): IST-241

IST-265 Designing a Windows Directory Services  CREDITS: 3
This course is a study of directory services infrastructure design including design of a domain structure, tree and forest structures, organizational unit structure and other related topics. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree. 2.0-3.0-3.0
PREREQUISITE(S): IST-241

IST-267 Network Vulnerability Assessment  CREDITS: 3
This course provides students with the knowledge and skills necessary to test network security using network vulnerability assessment tools and methods. Students will also learn how to improve network security based on the assessment results. This course will prepare students to take the Certified Ethical Hacker exam. 2.0-3.0-3.0
PREREQUISITE(S): IST-201

IST-268 Computer Forensics  CREDITS: 3
This course provides students with a foundational knowledge in computer forensics investigation. Students are introduced to the skills, tools and methods used to gather, document, and handle electronic evidence. 2.0-3.0-3.0
PREREQUISITE(S): IST-201

IST-290 Special Topics in Information Science  CREDITS: 3
This course covers special topics in information sciences technologies. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree. 2.0-3.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores
IST-291 Fundamentals of Network Security I  CREDITS: 3
This course is the study of intro levels of security processes based on a security policy, emphasizing hands-on skills in the areas of secure perimeter, security connectivity, security management, identity services and intrusion detection. The course prepares students to manage network security. This course prepares students to manage network security. This course is applicable to the Associate in Applied Science: Major in Computer Technology and the Associate in Applied Science: Major in Network Systems Management degree; it is equivalent to Security+ Certification. 2.0-3.0-3.0
PREREQUISITE(S): IST-201

IST-292 Fundamentals of Network Security II  CREDITS: 3
This course is the study of advanced security processes based on a security policy, emphasizing hands-on skills in the areas of secure perimeter, security connectivity, security management, identity services and intrusion detection. The course prepares students to install/configure secure firewalls. This course prepares students to install/configure secure firewalls. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree and is equivalent to CCNA Security Certification. 2.0-3.0-3.0
PREREQUISITE(S): IST-204

IST-295 Fundamentals of Voice Over IP  CREDITS: 3
This course is an introduction to features of Voice over IP protocols, including VOIP hardware selection and network design considerations. Concepts include analog and digital voice encoding signaling and Quality of Service (QOS) and troubleshooting and configuration of VOIP networks. This course is specific to the Associate in Applied Science: Major in Network Systems Management degree. 2.0-3.0-3.0
PREREQUISITE(S): IST-202

MAT-032 Developmental Mathematics  CREDITS: 3
This course includes the study of integers, rational numbers, percents, basic statistics, measurement, geometry and basic algebra concepts. Application skills are emphasized. 3.0-0.0-3.0
PREREQUISITE(S): None

MAT-101 Beginning Algebra  CREDITS: 3
This course includes the study of rational numbers and their applications, operations with algebraic expression, linear equations and applications, linear inequalities, graphs of linear equations, operations with exponents and polynomials, and factoring. 2.0-3.0-3.0
PREREQUISITE(S): MAT-032 or acceptable placement score

MAT-102 Intermediate Algebra  CREDITS: 3
This course includes the study of linear systems and applications; quadratic expressions, equations, functions and graphs; and rational and radical expressions and functions. 2.0-3.0-3.0
PREREQUISITE(S): MAT-101 or acceptable placement score

MAT-110 College Algebra  CREDITS: 3
This course includes the following topics: polynomial, rational, logarithmic, and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; and solutions of higher degree polynomials. A graphing calculator is required for this course. 3.0-0.0-3.0
PREREQUISITE(S): MAT-102 with a grade of “C” or higher, or acceptable placement score

MAT-111 College Trigonometry  CREDITS: 3
This course includes the following topics: trigonometric functions; trigonometric identities; solution of right and oblique triangles; solution of trigonometric equations; polar coordinates; complex numbers, including DeMoivre’s Theorem; vectors; conic sections; and parametric equations. Graphing calculator is required. 3.0-0.0-3.0
PREREQUISITE(S): MAT-110 with a grade of “C” or higher, or acceptable placement score

MAT-120 Probability & Statistics  CREDITS: 3
This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals, and test hypotheses for large and small samples; types I and II errors; linear regression; and correlation. Graphing calculator is required. 3.0-0.0-3.0
PREREQUISITE(S): MAT-102 with a grade of “C” or higher, or acceptable placement score

MAT-122 Finite College Mathematics  CREDITS: 3
This course includes the following topics: logic; sets; Venn Diagrams; counting problems; probability; matrices; systems of equations; linear programming, including the simplex method and applications; graphs; and networks. Graphing calculator is required. 3.0-0.0-3.0
PREREQUISITE(S): MAT-110 with a grade of “C” or higher, or acceptable placement score
MAT-130 Elementary Calculus  CREDITS: 3
This course includes the following topics: differentiation and integration of polynomials; rational, logarithmic, and exponential functions; and interpretation and application of these processes. 3.0-0.0-3.0
PREREQUISITE(S): MAT-110 with a grade of “C” or higher, or acceptable placement score

MAT-140 Analytical Geometry & Calculus I  CREDITS: 4
This course includes the following topics: derivatives and integrals of polynomials; rational, logarithmic, exponential, trigonometric, and inverse trigonometric functions; curve sketching; maxima and minima of functions; related rates; work; and analytic geometry. Graphing calculator is required. 4.0-0.0-4.0
PREREQUISITE(S): MAT-111 with a grade of “C” or higher, or acceptable placement score

MAT-141 Analytical Geometry & Calculus II  CREDITS: 4
This course includes the following topics: continuation of calculus of one variable, including analytic geometry, techniques of integration, volumes by integration, and other applications; infinite series, including Taylor series and improper integrals. Graphing calculator is required. 4.0-0.0-4.0
PREREQUISITE(S): MAT-140

MAT-155 Contemporary Mathematics  CREDITS: 3
This course includes techniques and applications of the following topics: properties of and operations with real numbers, elementary algebra, consumer mathematics, applied geometry, measurement, graph sketching and interpretations, and descriptive statistics. 3.0-0.0-3.0
PREREQUISITE(S): MAT-101 or acceptable placement score

MAT-160 Math for Business & Finance  CREDITS: 3
This course includes the following topics: commissions, mark-on, depreciation, interest on unpaid balances, compound interest, payroll, taxes, and graphs. 3.0-0.0-3.0
PREREQUISITE(S): MAT-101 or acceptable placement score

MAT-240 Analytical Geometry & Calculus III  CREDITS: 4
This course includes the following topics: multivariable calculus, including vectors; partial derivatives and their applications to maximum and minimum problems with and without constraints; line integrals; multiple integrals in rectangular and other coordinates; and Stokes’ and Green’s theorems. 4.0-0.0-4.0
PREREQUISITE(S): MAT-141

MAT-250 Elementary Mathematics  CREDITS: 3
This course provides students with an understanding of the meaning of numbers, fundamental operations of arithmetic, structure of the real number system & its subsystems, & elementary numbers theory. Note: Within the parameters of an approved articulation agreement, this course may transfer to an accredited Education Program at a comprehensive four-year college or university. 3.0-0.0-3.0
PREREQUISITE(S): MAT-110 with a grade of “C” or higher, or acceptable placement score

MAT-251 Elementary Mathematics II  CREDITS: 3
This course provides students with an understanding of informal geometry and basic concepts of algebra. Note: Within the parameters of an approved articulation agreement, this course may transfer to an accredited Education Program at a comprehensive four-year college or university. 3.0-0.0-3.0
PREREQUISITE(S): MAT-110 or MAT-250

MED-103 Medical Assisting Introduction  CREDITS: 3
This course provides an introduction to the profession of medical assisting, including qualifications, duties, and the role of the medical assistant. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement score AND approval of the department chair

MED-105 Medical Office Skills I  CREDITS: 5
This course provides a study of receptionist duties, records maintenance, insurance form processing, and office machine use. 4.0-3.0-5.0
PREREQUISITE(S): MED-103

MED-107 Medical Office Management  CREDITS: 4
This course provides a study of the principles and practices of banking and accounting procedures, billing methods, and office management. 4.0-0.0-4.0
PREREQUISITE(S): MED-103 and MAT-160 or MAT-101

MED-112 Medical Assisting Pharmacology  CREDITS: 2
This course provides a study of principles of pharmacology, drug therapy, and the administration of medication. 1.0-3.0-2.0
PREREQUISITE(S): None

MED-114 Medical Assisting Clinical Procedures  CREDITS: 4
This course covers examination room techniques, including vital signs, specialty examination, minor surgical techniques and emergency procedures. 2.0-6.0-4.0
PREREQUISITE(S): None
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED-156</td>
<td>Clinical Experience</td>
<td>6</td>
<td>This course provides direct experience in a physician’s office or other selected medical facilities. 1.0-15.0-6.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MED-105, MED-107, and MED-114</td>
<td></td>
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<tr>
<td></td>
<td>COREQ(S)</td>
<td></td>
<td>MED-112</td>
</tr>
<tr>
<td>MFG-101</td>
<td>Introduction to Manufacturing</td>
<td>3</td>
<td>In this course students will examine manufacturing processes and system, learn manufacturing terminology, assimilate workplace cultures, and identify requirements to work effectively in the manufacturing environment. 2.0-3.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>None</td>
<td></td>
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</tr>
<tr>
<td>MGT-101</td>
<td>Principles of Management</td>
<td>3</td>
<td>This course is a study of management theories, emphasizing the management functions of planning, decision making, organizing, leading, and controlling. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>RWR-032 or acceptable placement scores</td>
<td></td>
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</tr>
<tr>
<td>MGT-120</td>
<td>Small Business Management</td>
<td>3</td>
<td>This course is a study of small business management and organization, forms of ownership, and the process of starting a new business. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MGT-101 or approval of Department Chair</td>
<td></td>
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<tr>
<td>MGT-150</td>
<td>Fundamentals of Supervision</td>
<td>3</td>
<td>This course is a study of supervising principles and techniques required to effectively manage human resources in an organization. First-line management is emphasized. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MGT-101</td>
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<tr>
<td>MGT-201</td>
<td>Human Resources Management</td>
<td>3</td>
<td>This course is a study of personnel administration functions within a business organization. Major areas of study include job analysis; recruitment, selection and assessment of personnel; and wage, salary, and benefit administration. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MGT-101</td>
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<tr>
<td>MGT-240</td>
<td>Management Decision Making</td>
<td>3</td>
<td>This course is a study of various structured approaches to managerial decision making. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>BUS-121, ACC-102, MGT-101 and 75% of the degree requirements for the AAS.MGT degree</td>
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</tr>
<tr>
<td>MKT-101</td>
<td>Marketing</td>
<td>3</td>
<td>This course covers an introduction to the field of marketing with a detailed study of the marketing concept and the processes of product development, pricing, promotion and distribution. 3.0-0.0-3.0</td>
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<tr>
<td>PREREQ(S)</td>
<td>RWR-032 or acceptable placement scores</td>
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<tr>
<td>MKT-110</td>
<td>Retailing</td>
<td>3</td>
<td>This course is a study of the importance of retailing in American business and covers the concepts of store location, layout, merchandising, display, pricing, inventory control, promotional programs and profit management. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MKT-101</td>
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<tr>
<td>MKT-120</td>
<td>Sales Principles</td>
<td>3</td>
<td>This course is a study of the personal selling process with special emphasis on determining customer needs and developing effective communications and presentation skills. 3.0-0.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MKT-101</td>
<td></td>
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<tr>
<td>MKT-140</td>
<td>E-Marketing</td>
<td>3</td>
<td>This course is a study of electronic marketing. In addition to traditional marketing topics, special emphasis will be placed on internet marketing fundamentals, strategies, and trends as well as the usage of specific internet tools such as email campaigns, social media, search and mobile marketing. 2.0-3.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MKT-101 and CPT-101</td>
<td></td>
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<tr>
<td>MKT-240</td>
<td>Advertising</td>
<td>3</td>
<td>This course is a study of the role of advertising in the marketing of goods and services, including types of advertising, media, how advertising is created, agency functions, and regulatory aspects of advertising. 2.0-3.0-3.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MKT-110 and MKT-140</td>
<td></td>
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</tr>
<tr>
<td>MTT-111</td>
<td>Machine Tool Theory &amp; Practice I</td>
<td>5</td>
<td>This course is an introduction to the basic operation of machine shop equipment. 3.0-6.0-5.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MAT-101 and RWR-032 or acceptable placement scores</td>
<td></td>
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<tr>
<td>MTT-112</td>
<td>Machine Tool Theory &amp; Practice II</td>
<td>5</td>
<td>This course is a combination of the basic theory and operation of machine shop equipment. 3.0-6.0-5.0</td>
</tr>
<tr>
<td>PREREQ(S)</td>
<td>MTT-111</td>
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<td></td>
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<td>Course Title</td>
<td>Credits</td>
<td>Description</td>
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<tr>
<td>MTT-123</td>
<td>Machine Tool Theory II</td>
<td>3</td>
<td>This course covers the principles involved in machining parts using machine tools, including lathes, mills, drill presses, jig bores, and the attachments for each.</td>
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<td>PREREQUISITE(S): IMT-113, EGR-105, RWR-032, and MAT-032 or acceptable placement scores</td>
</tr>
<tr>
<td>MTT-143</td>
<td>Precision Measurements</td>
<td>2</td>
<td>This course is a study of precision measuring instruments. Instruments related to the machine tool industry will be demonstrated along with hands-on use by the student to obtain accurate readings.</td>
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<td>PREREQUISITE(S): MAT-101 and RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>MTT-145</td>
<td>Machining of Metals</td>
<td>3</td>
<td>This course covers theoretical and practical training in the physical properties of metals, their required stock removal/speeds/feeds/and depths of cut, and finish requirements.</td>
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<td>PREREQUISITE(S): (IMT-113 or EGR-105) and (RWR 032 and MAT 032) or acceptable placement score</td>
</tr>
<tr>
<td>MTT-171</td>
<td>Industrial Quality Control</td>
<td>2</td>
<td>This course covers the methods and procedures of quality control.</td>
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<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>MTT-247</td>
<td>Plastic Moldmaking II</td>
<td>3</td>
<td>This course is an advanced study of moldmaking and plastics.</td>
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<td>PREREQUISITE(S): None</td>
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<tr>
<td>MTT-250</td>
<td>Principles of CNC</td>
<td>3</td>
<td>This course is an introduction to the coding used in CNC programming. The Cartesian Coordinate System, along with machine coordinates, will also be taught. The program Master CAM will be used.</td>
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<td>PREREQUISITE(S): MTT-145 and MAT-155</td>
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<tr>
<td>MTT-254</td>
<td>CNC Programming I</td>
<td>3</td>
<td>This course is a study of CNC programming, including machine language and computer-aided programming.</td>
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<td>PREREQUISITE(S): MTT-250</td>
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<tr>
<td>MTT-255</td>
<td>CNC Programming II</td>
<td>3</td>
<td>This course includes CNC programming with simulated production conditions. The course will be taught using the latest version of Master CAM software.</td>
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<td>PREREQUISITE(S): MTT-254</td>
</tr>
<tr>
<td>MTT-256</td>
<td>CNC Programming III</td>
<td>3</td>
<td>This course is a study of advanced CNC programming methods using multi-axis machining centers.</td>
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<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>MTT-290</td>
<td>Selected Topics in Machine</td>
<td>3</td>
<td>This course is a study of current topics related to machine tool technology.</td>
</tr>
<tr>
<td>MUS-105</td>
<td>Music Appreciation</td>
<td>3</td>
<td>This course is an introduction to the study of music with focus on the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various western and non-western historical style periods, and appropriate listening experiences.</td>
</tr>
<tr>
<td>NET-105</td>
<td>Reactor Components and Systems</td>
<td>3</td>
<td>This course reviews nuclear power plant (NPP) operations, components and systems. Topics covered include reactor types, heat transfer/flow, chemistry, properties of reactor plant materials and reactor plant protection and safety.</td>
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<td>PREREQUISITE(S): MAT-102 or acceptable placement score</td>
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<tr>
<td>NET-130</td>
<td>Radiological Protection</td>
<td>3</td>
<td>This course is a study of basic radiological protection principles. Topics include detectors, basic nuclear instrumentation, portable survey equipment and related topics in radiation protection protocols.</td>
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<td>PREREQUISITE(S): MAT-101, RWR-032, or acceptable placement scores</td>
</tr>
<tr>
<td>NET-237</td>
<td>Nuclear Safety</td>
<td>2</td>
<td>This course explains the basic concepts related to nuclear protection, accident analysis, transient prevention and mitigation of damage and accident management. Topics provide a summary of basic information about major industry operating experience and accident case studies.</td>
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<td>PREREQUISITE(S): RWR-032 or acceptable placement scores</td>
</tr>
</tbody>
</table>
NQS-101 Introduction to Nuclear Quality Systems  CREDITS: 3
This course studies the basic principles of a quality program in the nuclear industry. Topics include an introduction to quality assurance and control, organizational independence, and the general roles and responsibilities of associated personnel. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 and MAT-032 or acceptable placement scores

NQS-102 Nuclear Codes  CREDITS: 3
This course addresses welding standards of the specifications and codes called out in the nuclear industry quality assurance benchmarks such as ASME B31.3 Process Piping. 3.0-0.0-3.0
PREREQUISITE(S): None

NQS-105 Nuclear Quality Standards and Specification  CREDITS: 3
This course is a survey of codes, standards, and specifications typical of the nuclear industry. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 and MAT-032 or acceptable placement scores.

NQS-110 Introduction to Nuclear Quality Control  CREDITS: 3
This course addresses the basic application of a quality control inspection program in a nuclear industry setting. Topics include a study of qualification requirements, responsibilities and authority, document control and records, corrective actions and the control of nonconforming items. 2.0-3.0-3.0
PREREQUISITE(S): NQS-101, NQS-105, NET-105, and NET-237

NQS-111 Introduction to Nuclear Quality Assurance  CREDITS: 3
This course develops a basic understanding of the purpose, roles and responsibilities associated with a quality assurance audit. Topics include planning and scheduling, collection and evaluation of evidence, corrective action, and reporting. 2.0-3.0-3.0
PREREQUISITE(S): NQS-101, NQS-105, NET-105, and NET-237

NQS-120 Overview of Associated Nuclear Quality  CREDITS: 3
This course is a study of collateral quality functions outside of standard maintenance activities. Topics include environmental qualifications, procurement requirements, material control, fire assemblies, nondestructive examinations, document control and records management. 2.0-3.0-3.0
PREREQUISITE(S): NQS-101, NQS-105, NET-105, and NET-237

NQS-201 Electrical and I&C Inspection I  CREDITS: 3
This course covers basic quality control inspection concepts related to electrical and instrumentation and control maintenance activities. Topics include electrical safety, equipment testing, and circuit upgrading/downgrading. 2.0-3.0-3.0
PREREQUISITE(S): None

NQS-202 Electrical and I&C Inspection II  CREDITS: 3
This course covers quality control inspection oversight related to specific electrical and instrumentation and control activities. Topics include equipment installation, preventive maintenance programs, supports and electrical boxes. 2.0-3.0-3.0
PREREQUISITE(S): NQS-201

NQS-211 Mechanical Inspection I  CREDITS: 3
This course provides the student with a basic understanding of a variety of mechanical components to include mechanical fasteners, pumps, valves, hangers, supports, restraints and snubbers. 2.0-3.0-3.0
PREREQUISITE(S): None

NQS-212 Mechanical Inspection II  CREDITS: 3
This course introduces the student to a variety of mechanical inspection activities including piping, hydrostatic testing, and rigging, as well as the alignment, installation, removal, and preventive maintenance of equipment. 2.0-3.0-3.0
PREREQUISITE(S): NQS-211

NQS-221 Nuclear Quality Assurance Auditing I  CREDITS: 3
This course provides a basic understanding of the quality assurance surveillance process, including the various types of observations, the purpose and use of checklists, the different types of objective evidence, and the process used for the review of records and controlled documents. 2.0-3.0-3.0
PREREQUISITE(S): None

NQS-222 Nuclear Quality Assurance Auditing II  CREDITS: 3
This course provides a basic understanding of the quality assurance surveillance process, including the various types of observations, the purpose and use of checklists, the different types of objective evidence, and the process used for the review of records and controlled documents. 2.0-3.0-3.0
PREREQUISITE(S): None
NQS-222 Nuclear Quality Assurance Auditing II  CREDITS: 3
This course provides basic understanding of quality assurance audit processes including the roles and responsibilities of audit team, communication with the audited organization, collection and evaluation of evidence, and preparation of the audit report. 2.0-3.0-3.0
PREREQUISITE(S): NQS-221

NQS-261 Nuclear Quality Engineering Principles I  CREDITS: 3
This course studies basic principles of quality engineering program in the nuclear industry. Topics include an introduction to the development and operation of quality control systems, application and analysis of testing and inspection procedures, and the use of metrology and statistical methods. 2.0-3.0-3.0
PREREQUISITE(S): NQS-221

NQS-262 Nuclear Quality Engineering Principles  CREDITS: 3
This course builds on the basic understanding of the purpose, roles and responsibilities of a quality engineering program. Topics include quality organization and management, the human dimension of quality, quality planning, quality and the law, designing experiments, and risk management. 2.0-3.0-3.0
PREREQUISITE(S): NQS-261

NUR-101 Fundamentals of Nursing  CREDITS: 6
This course facilitates the development of beginning technical competency in the application of the nursing process to assist in meeting the needs of selected patients of varying ages. 3.5-7.5-6.0
PREREQUISITE(S): BIO-210, ENG-101, MAT-110 and PSY-201
COREQUISITE(S): NUR-106 and NUR-131, BIO-211

NUR-106 Pharmacologic Basic in Nursing Practice  CREDITS: 2
This introductory course outlines the basic concepts of pharmaceutics, pharmacokinetics, pharmacodynamics, and pharmacotherapeutics. The process of clinical calculations is introduced, as well as the major drug classifications. 2.0-0.0-2.0
PREREQUISITE(S): BIO-210, ENG-101, MAT-110 and PSY-201
COREQUISITE(S): NUR-101 and NUR-131, BIO-211

NUR-131 Introduction to Pharmacology  CREDITS: 1
Improve student success rates and program completion by offering course that focuses on performance of health calculations during the foundational semester of the associate degree nursing program. 1.0-0.0-1.0
PREREQUISITE(S): BIO-210 ENG-101 MAT-110 and PSY-201
COREQUISITE(S): NUR-101 NUR-106 and BIO-211

NUR-162 Psychiatric & Mental Health Nursing  CREDITS: 3
This course covers application of critical thinking skills and nursing concepts in the care of adult clients with selected mental health problems in a variety of settings. The course includes the study of dynamics of human behavior ranging from normal to extreme. 2.0-3.0-3.0
PREREQUISITE(S): NUR-212 and NUR-265
COREQUISITE(S): NUR-216 and NUR-267

NUR-165 Nursing Concepts & Clinical Practice I  CREDITS: 6
This course covers applications of critical thinking skills and nursing concepts in the care of adult clients with selected health problems in a variety of settings. 4.0-6.0-6.0
PREREQUISITE(S): NUR-101, NUR-106, BIO-211 or NUR-201, BIO-211
COREQUISITE(S): NUR-211, BIO-225

NUR-201 Transition Nursing  CREDITS: 3
This course facilitates the transition of the practical nurse graduate to the role of the associate degree nursing student. 3.0-0.0-3.0
PREREQUISITE(S): BIO-210, BIO-211, ENG-101, MAT-110, PSY-201 and PSY-203, BIO-225
COREQUISITE(S): SPC-205

NUR-211 Care of the Childbearing Family  CREDITS: 4
This course facilitates the application of the nursing process to assist in meeting the needs of the childbearing family. 2.0-6.0-4.0
PREREQUISITE(S): NUR-101, NUR-106, BIO-211 or NUR-201 and BIO-211
COREQUISITE(S): NUR-165, BIO-225
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NUR-212</td>
<td>Nursing Care of Children</td>
<td>4</td>
</tr>
<tr>
<td>NUR-216</td>
<td>Nursing Seminar</td>
<td>1</td>
</tr>
<tr>
<td>NUR-265</td>
<td>Nursing Concepts &amp; Clinical Practice II</td>
<td>6</td>
</tr>
<tr>
<td>NUR-267</td>
<td>Nursing Concepts &amp; Clinical Practice IV</td>
<td>6</td>
</tr>
<tr>
<td>PHI-101</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI-102</td>
<td>Computer Applications for Pharmacy</td>
<td>2</td>
</tr>
<tr>
<td>PHI-103</td>
<td>Pharmacy Practice</td>
<td>4</td>
</tr>
<tr>
<td>PHI-104</td>
<td>Pharmacy Math</td>
<td>2</td>
</tr>
</tbody>
</table>

This course facilitates the application of the nursing process to assist in meeting the needs of children with acute and chronic health problems. Focus is on growth and development and anticipatory guidance. 3.0-3.0-4.0

**PREREQUISITE(S):** NUR-211, NUR-165 or NUR-201, SPC-205, PSY-203 and BIO-225
**COREQUISITE(S):** NUR-265

This course is an exploration of concepts related to selected nursing topics. 1.0-0.0-1.0

**PREREQUISITE(S):** NUR-212, NUR-265

Continuation of the application of critical thinking skills and nursing concepts in the care of the adult clients with selected health problems in a variety of settings. 4.0-6.0-6.0

**PREREQUISITE(S):** NUR-211, NUR-265 or NUR-201, BIO-225, PSY-203 and SPC-205
**COREQUISITE(S):** NUR-212

This elementary logic course is an introduction to inductive reasoning. Patterns of inductive reasoning including analogical reasoning, inductive generalizations, scientific reasoning, and causal reasoning will be examined. Probability theory, decision analysis, and the criteria for the acceptability of inductive arguments will be covered also. 3.0-0.0-3.0

**PREREQUISITE(S):** RWR-032 or acceptable placement scores

This course is a study of the moral principles of conduct emphasizing ethical problems and modes of ethical reasoning. 3.0-0.0-3.0

**PREREQUISITE(S):** RWR-032 or acceptable placement scores

This course examines moral issues in contemporary society, including basic principles and applications of ethics. 3.0-0.0-3.0

**PREREQUISITE(S):** RWR-032 or acceptable placement scores

This course provides a study of the introduction to pharmacy and the role of the pharmacy in providing patient care services. 2.0-3.0-3.0

**PREREQUISITE(S):** ENG-160, AHS-102, and MAT-101

This course provides a study of computer applications for pharmacy practice, including out-patient and in-patient medication dispensing, procurement record keeping, third-party billing and drug distribution systems. 0.0-6.0-2.0

**PREREQUISITE(S):** ENG-160, MAT-101, and AHS-102

This course provides a study of pharmacy practice, including procuring, manipulating and preparing drugs for dispensing. 3.0-3.0-4.0

**PREREQUISITE(S):** ENG-160, MAT-101, and AHS-102

**COREQUISITE(S):** PHM-101

This course provides a study of mathematical manipulation and measurement systems as allied to pharmacy. 2.0-0.0-2.0

**PREREQUISITE(S):** ENG-160, MAT-101, and AHS-102
<table>
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<tr>
<th>Course Code</th>
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<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHM-113</td>
<td>Pharmacy Technician Math</td>
<td>3</td>
<td>This course includes a review of basic mathematics focusing on its application to common pharmaceutical calculations. 3.0-0.0-3.0</td>
<td>PREREQUISITE(S): ENG-160, MAT-101, AHS-102 or acceptable placement scores</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>corequisite(s): PHM-101</td>
<td></td>
</tr>
<tr>
<td>PHM-114</td>
<td>Therapeutic Agents I</td>
<td>3</td>
<td>This course provides an introductory study of therapeutic drug categories. 3.0-0.0-3.0</td>
<td>PREREQUISITE(S): ENG-160, MAT-101, and AHS-102</td>
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<tr>
<td></td>
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<td></td>
<td>corequisite(s): PHM-113</td>
<td></td>
</tr>
<tr>
<td>PHM-118</td>
<td>Community Pharmacy Seminar</td>
<td>1</td>
<td>This course is a study of the pharmacy issues related to the community pharmacy practice. 1.0-0.0-1.0</td>
<td>PREREQUISITE(S): PHM-101</td>
</tr>
<tr>
<td>PHM-124</td>
<td>Therapeutic Agents II</td>
<td>3</td>
<td>This course includes a study of therapeutic drug categories. 3.0-0.0-3.0</td>
<td>PREREQUISITE(S): ENG-160, MAT-101, and AHS-102</td>
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<tr>
<td></td>
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<td>corequisite(s): PHM-110</td>
<td></td>
</tr>
<tr>
<td>PHM-152</td>
<td>Pharmacy Technician Practicum I</td>
<td>2</td>
<td>This course provides a practical introduction to the pharmacy environment. 0.0-6.0-2.0</td>
<td>PREREQUISITE(S): PHM-114</td>
</tr>
<tr>
<td>PHM-164</td>
<td>Pharmacy Technician Practicum II</td>
<td>4</td>
<td>This course provides practical application of pharmacy skills in pharmacy environments. 0.0-12.0-4.0</td>
<td>PREREQUISITE(S): PHM-124</td>
</tr>
<tr>
<td>PHM-201</td>
<td>Pharmacy Management</td>
<td>2</td>
<td>This course will provide a study of managing personnel, materials and work flow in a pharmacy.</td>
<td>PREREQUISITE(S): ENG-160, MAT-101, and AHS-102 or acceptable placement scores</td>
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<td>2.0-0.0-2.0</td>
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</tr>
<tr>
<td>PHM-250</td>
<td>Special Topics in Pharmacy</td>
<td>3</td>
<td>This course provides opportunities for specialized studies of unique topics in pharmacy, such as pediatric pharmacology, advanced chemotherapy and IV preparation, and advanced medication order entry and interpretation. 3.0-0.0-3.0</td>
<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>PHS-101</td>
<td>Physical Science I</td>
<td>4</td>
<td>This is the first of a sequence of courses in physical science and includes an introduction to science with emphasis on science terminology and investigations of the physical world. Topics are selected from astronomy, chemistry, geology, and physics. 3.0-3.0-4.0</td>
<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>PHS-102</td>
<td>Physical Science II</td>
<td>4</td>
<td>This is a continuation of the introduction to science with emphasis on science terminology and investigations of the physical world. Topics are selected from astronomy, chemistry, geology, and physics. 3.0-3.0-4.0</td>
<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>PHS-111</td>
<td>Conceptual Physics I</td>
<td>3</td>
<td>This course is an introduction to the mechanical concepts of distance, time, mass, force, energy, and power. 3.0-0.0-3.0</td>
<td>PREREQUISITE(S): None</td>
</tr>
<tr>
<td>PHY-181</td>
<td>Integrated Physics I</td>
<td>3</td>
<td>This problem-based course covers electrical theory and concepts that support engineering technology principles. The course includes concepts such as thermal, fluids, and optics. Mathematics, communications, and technology are integrated throughout the course. 2.0-3.0-3.0</td>
<td>PREREQUISITE(S): MAT-102</td>
</tr>
<tr>
<td>PHY-182</td>
<td>Integrated Physics II</td>
<td>3</td>
<td>This problem-based course covers mechanical theory and concepts that support engineering technology principles. The course includes concepts such as thermal, fluids, and optics. Mathematics, communications, and technology are integrated throughout the course. 2.0-3.0-3.0</td>
<td>PREREQUISITE(S): MAT-102</td>
</tr>
<tr>
<td>PHY-201</td>
<td>Physics I</td>
<td>4</td>
<td>This is the first in a sequence of physics courses. Topics include mechanics, wave motion, sound, heat, electromagnetism, optics, and modern physics. Laboratory exercises are used to emphasize these topics. 3.0-3.0-4.0</td>
<td>PREREQUISITE(S): MAT-110 and MAT-111</td>
</tr>
</tbody>
</table>
PHY-202 Physics II  CREDITS: 4
This course covers physics topics, including mechanics, wave motion, sound, heat, electromagnetism, optics, and modern physics. Laboratory exercises are used to emphasize these topics. 3.0-3.0-4.0
PREREQUISITE(S): MAT-110, MAT-111 and PHY-201

PHY-221 University Physics I  CREDITS: 4
This is the first of a sequence of courses. The course includes a calculus based treatment of the following topics: vectors, laws of motion, rotation, vibratory and wave motion. 3.0-3.0-4.0
PREREQUISITE(S): MAT-140

PHY-222 University Physics II  CREDITS: 4
This course is a continuation of calculus based treatment of the following topics: thermodynamics, kinetic theory of gases, electricity and magnetism, including electrostatics, dielectrics, electric circuits, magnetic fields, and induction phenomena. 3.0-3.0-4.0
PREREQUISITE(S): PHY-221 and MAT-140

PNR-110 Fundamentals of Nursing  CREDITS: 5
This course provides an introduction to basic principles and beginning skills necessary to the nursing process. Concepts are integrated relating to the physiological and psychosocial needs of the individual. Legal and ethical roles of the Practical Nurse are emphasized. 3.0-6.0-5.0
PREREQUISITE(S): BIO-210, BIO-211, ENG-101, MAT-110 and PSY-201
COREQUISITE(S): PNR-122, PNR-181 and PNR-182

PNR-122 Pharmacology  CREDITS: 3
This is an introductory course to the concepts of pharmacology and medication administration. Emphasis is on calculation of dosages, administration of medications, and correct use of abbreviations. Effects of specific drugs are presented. Nursing implications are stressed for utilization within the framework of the nursing process. 3.0-0.0-3.0
PREREQUISITE(S): BIO-210, BIO-211, ENG-101, MAT-110 and PSY-201
COREQUISITE(S): PNR-110 and PNR-181, PNR-182

PNR-128 Medical/Surgical Nursing I  CREDITS: 7
This course is a beginning study utilizing the nursing process. Concepts include the physiological, psychosocial, and health and safety needs of the adult. Pharmacology and nutrition are integrated. Clinical experiences address selected commonly occurring health problems having predictable outcomes. 5.0-6.0-7.0
PREREQUISITE(S): PNR-110, PNR-181, PNR-182 and PNR-122

PNR-138 Medical/Surgical Nursing II  CREDITS: 7
This course is a continuation of the study of the nursing process. Concepts include the physiological, psychosocial, and health and safety needs of the adult. Pharmacology and nutrition are integrated. Clinical experiences address selected commonly occurring health problems having predictable outcomes. 5.0-6.0-7.0
PREREQUISITE(S): PNR-128
COREQUISITE(S): PNR-154

PNR-154 Maternal Infant & Child Nursing  CREDITS: 5
This course is a study utilizing the nursing process, integrating pediatrics to meet the needs of the childbearing family. Clinical experiences address the care of the mother, newborn, and the care of the child with commonly occurring illnesses. 4.0-3.0-5.0
PREREQUISITE(S): PNR-128
COREQUISITE(S): PNR-138

PNR-181 Special Topics in Practical Nursing  CREDITS: 1
This course covers special topics in practical nursing. 1.0-0.0-1.0
PREREQUISITE(S): BIO-210, BIO-211, ENG-101 and MAT-110, PSY-201
COREQUISITE(S): PNR-110, PNR-122 and PNR-182

PNR-182 Special Topics in Practical Nursing  CREDITS: 2
This course covers special topics in practical nursing. 2.0-0.0-2.0
PREREQUISITE(S): BIO-210, BIO-211 ENG-101 and MAT-110, PSY-201
COREQUISITE(S): PNR-110, PNR-122 and PNR-181

PSC-201 American Government  CREDITS: 3
This course is a study of national governmental institutions with emphasis on the constitution, the functions of the executive, legislative and judicial branches, civil liberties and the role of the electorate. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

PSC-215 State and Local Government  CREDITS: 3
This course is a study of state, county, and municipal government systems, including inter-relationships among these systems and within the federal government. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Course Description</th>
<th>Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-105</td>
<td>Personal/Interpersonal Psychology</td>
<td>3</td>
<td>This course emphasizes the principles of psychology in the study of self awareness and interpersonal adjustment and behavior in contemporary society. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>PSY-201</td>
<td>General Psychology</td>
<td>3</td>
<td>This course includes the following topics and concepts in the science of behavior: scientific method, biological bases for behavior, perception, motivation, learning, memory, development, personality, abnormal behavior, therapeutic techniques, and social psychology. 3.0-0.0-3.0</td>
<td>RWR-032 or acceptable placement scores</td>
</tr>
<tr>
<td>PSY-203</td>
<td>Human Growth and Development</td>
<td>3</td>
<td>This course is a study of the physical, cognitive, and social factors affecting human growth, development, and potential. 3.0-0.0-3.0</td>
<td>PSY-201 or PSY-105</td>
</tr>
<tr>
<td>PSY-206</td>
<td>Health Psychology</td>
<td>3</td>
<td>This course is a science-based study of the psychological and behavioral influences on health. Topics may include the mind-body connection, the professional and academic field, systems of the body, prevention, stress coping, health care, and managing illness. 3.0-0.0-3.0</td>
<td>PSY-201</td>
</tr>
<tr>
<td>PSY-208</td>
<td>Human Sexuality</td>
<td>3</td>
<td>This course is a study of biological, psychological, and sociological perspectives of human sexuality. Historical, cross-cultural, and ethical issues are considered in the course. 3.0-0.0-3.0</td>
<td>PSY-201</td>
</tr>
<tr>
<td>PSY-212</td>
<td>Abnormal Psychology</td>
<td>3</td>
<td>This course is the study of the nature and development of behavioral disorders, including the investigation of contemporary treatment procedures. 3.0-0.0-3.0</td>
<td>PSY-201</td>
</tr>
<tr>
<td>PSY-218</td>
<td>Behavior Modification</td>
<td>3</td>
<td>This course is an introduction to the terminology, methods, and procedures used in behavior modification, including the application of these procedures and techniques in specific areas of human services. 3.0-0.0-3.0</td>
<td>PSY-201</td>
</tr>
<tr>
<td>QAT-202</td>
<td>Metrology &amp; Calibration</td>
<td>3</td>
<td>This course covers the measuring instruments used in a typical industrial metrology laboratory. Techniques of making measurements, accuracy and precision, and calibration control systems are stressed. 2.0-3.0-3.0</td>
<td>None</td>
</tr>
<tr>
<td>RAD-101</td>
<td>Introduction to Radiography</td>
<td>2</td>
<td>This course provides an introduction to radiologic technology with emphasis on orientation to the radiology department, ethics, and basic radiation protection. 2.0-0.0-2.0</td>
<td>ENG-101 and admission into the Radiologic Technology Program</td>
</tr>
<tr>
<td>RAD-102</td>
<td>Radiology Patient Care Procedures</td>
<td>2</td>
<td>This course provides a study of the procedures and techniques used in the care of the diagnostic imaging patient. 1.0-3.0-2.0</td>
<td>ENG-101, BIO-210, BIO-211, and AHS-102</td>
</tr>
<tr>
<td>RAD-103</td>
<td>Introduction to Computer Tomography</td>
<td>2</td>
<td>This course is a study of the technological developments behind computed tomography, an overview of canner components, terminology, data acquisition, digital imaging, image reconstruction display and manipulation. 2.0-3.0-3.0</td>
<td>ENG-101, BIO-210, BIO-211, and AHS-102</td>
</tr>
<tr>
<td>RAD-110</td>
<td>Radiographic Imaging I</td>
<td>3</td>
<td>This course provides detailed study of the parameters controlling radiation quality and quantity for radiographic tube operation and image production. 3.0-0.0-3.0</td>
<td>RAD-102, RAD-101, RAD-130, and RAD-155</td>
</tr>
<tr>
<td>RAD-115</td>
<td>Radiographic Imaging II</td>
<td>3</td>
<td>This course continues a detailed study of primary and secondary influencing factors and accessory equipment related to imaging. 2.0-3.0-3.0</td>
<td>RAD-110</td>
</tr>
<tr>
<td>RAD-121</td>
<td>Radiographic Physics</td>
<td>4</td>
<td>This course introduces the principles of Radiographic Physics, incorporating theory and application of basic principles underlying the operation and maintenance of x-ray equipment. 3.0-3.0-4.0</td>
<td>RAD-115</td>
</tr>
</tbody>
</table>
COURSE DESCRIPTIONS
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RAD-130 Radiographic Procedures I  CREDITS: 3
This course provides an introduction to radiographic procedures. Positioning of the chest, abdomen, and extremities will be included. 2.0-3.0-3.0
PREREQUISITE(S): ENG-101, BIO-210, BIO-211, and AHS-102

RAD-136 Radiographic Procedures II  CREDITS: 3
This course is a study of radiographic procedures for visualization of the structures of the body. 2.0-3.0-3.0
PREREQUISITE(S): RAD-130

RAD-155 Applied Radiography I  CREDITS: 5
This course introduces the clinical environment of the hospital by provided basic use of radiographic equipment and routine radiographic procedures. 0.0-15.0-5.0
PREREQUISITE(S): ENG-101, BIO-210, BIO-211, and AHS-102

RAD-165 Applied Radiography II  CREDITS: 5
This course includes the use of radiographic equipment and performance of radiographic procedures within the clinical environment of the hospital. 0.0-15.0-5.0
PREREQUISITE(S): RAD-155

RAD-167 Applied Radiography II  CREDITS: 7
This course covers student supervision and instruction in the performance of radiographic procedures and proper use of radiographic and fluoroscopic equipment in the hospital. 0.0-21.0-7.0
PREREQUISITE(S): RAD-155

RAD-201 Radiation Biology  CREDITS: 2
This course is a study of the principles of radiobiology and protection. It emphasizes procedures that keep radiation exposure to patients, personnel, and the population at large to a minimum. 2.0-0.0-2.0
PREREQUISITE(S): RAD-121

RAD-205 Radiographic Pathology  CREDITS: 2
This course provides a survey of disease processes significant to the radiographer, including etiology, diagnosis, prognosis, and treatment. 1.0-3.0-2.0
PREREQUISITE(S): RAD-102, RAD-101, and RAD-130

RAD-230 Radiographic Procedures III  CREDITS: 3
This course is a study of special radiographic procedures. 2.0-3.0-3.0
PREREQUISITE(S): None

RAD-235 Radiography Seminar I  CREDITS: 1
This course includes selected areas of radiography that require additional study or application. 0.0-3.0-1.0
PREREQUISITE(S): RAD-121

RAD-256 Advanced Radiography I  CREDITS: 6
This course includes independently performing routine procedures in a radiology department, including involvement in advanced radiographic procedures. 0.0-18.0-6.0
PREREQUISITE(S): RAD-176 or RAD 167

RAD-266 Advanced Radiography II  CREDITS: 6
This course includes routine radiographic examinations, as well as advanced procedures, while continuing to build self-confidence in the clinical atmosphere. 0.0-18.0-6.0
PREREQUISITE(S): RAD-256

RAD-268 Advanced Radiography II  CREDITS: 8
This course includes routine radiographic examinations, as well as advanced procedures, while continuing to build self-confidence in the clinical atmosphere. 0.0-24.0-8.0
PREREQUISITE(S): RAD-256

RAD-276 Advanced Radiography III  CREDITS: 6
This course includes routine and advanced radiographic procedures in the clinical environment. 0.0-18.0-6.0
PREREQUISITE(S): None

RAD-278 Advanced Radiography III  CREDITS: 8
This course includes routine and advanced radiographic procedures in the clinical environment. 0.0-24.0-8.0
PREREQUISITE(S): RAD-268

REL-103 Comparative Religion  CREDITS: 3
This course is an analysis of the religious experience of various persons and groups, east and west, in traditional and contemporary settings. It includes indigenous religions, Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

RPT-101 Introduction to Radiation Protection  CREDITS: 1
This course provides a study of the radiation protection profession to include career paths, opportunities and challenges, roles and responsibilities of a radiation protection technician, and the culture of the nuclear industry. 1.0-0.0-1.0
PREREQUISITE(S): None
RPT-103 Radiation Fundamentals CREDITS: 4
This course presents an overview of the physics and chemistry of radiation and radioactive material, applications of radiation, associated radionuclides, context and rationale of use, interactions with matter, shielding and energies, decay products and their production in reactors or accelerators. 3.0-3.0-4.0
PREREQUISITE(S): MAT-102 and RWR-032 or acceptable placement scores.
COREQUISITE(S): MAT-110

RPT-113 Radiation Monitoring CREDITS: 4
This course is the study of the theory and operation of radiation monitors, maintenance and calibration of these systems, proper selection and use of various monitoring systems for evaluation of radioactive hazards, and the interpretation and reporting of such evaluations utilizing scenarios. 3.0-3.0-4.0
PREREQUISITE(S): RPT-103

RPT-120 Hazardous Waste Operations and Emergency CREDITS: 1
This course introduces hazardous waste operations and clean-up procedures for hazardous waste sites as required by Federal, state, local or other governments. This course also covers emergency response operations for hazardous substance releases. 1.0-0.0-1.0
PREREQUISITE(S): RPT-103 and RPT-113

RPT-223 Radiation Dosimetry CREDITS: 3
This course presents scenarios in which RPTs monitor internal and external exposure of personnel to ionizing radiation. The course will address interpretation of these results and techniques for minimization of personnel dose. 3.0-0.0-3.0
PREREQUISITE(S): RPT-113 and MAT-110

RPT-233 Radioactive Materials Handling CREDITS: 3
This course presents scenarios in which RPTs are required to provide safe control, movement, use, storage, transportation and disposal of radioactive materials. 3.0-0.0-3.0
PREREQUISITE(S): RPT-113 and MAT-110

RPT-243 Radiological Safety and Response CREDITS: 4
This course presents scenarios in which RPTs are responsible for ensuring and maintaining doses ALARA (As Low As Reasonably Achievable) for the safety of individuals, the work environment, and the population, including response to abnormal and emergency radiological conditions. 3.0-3.0-4.0
PREREQUISITE(S): RPT-113 and MAT-110

RPT-253 Radiation Protection CREDITS: 3
This course utilizes a problems-based approach that incorporates different radiation contexts such as providing radiological coverage of jobs, high-risk and low-risk activities, planning for protection from hazardous radiation, monitoring of activities in radioactive zones, and emergency response. 2.0-3.0-4.0
PREREQUISITE(S): RPT-113, RPT-223, RPT-233, RPT-243, and ENG-260

RPT-290 Radiation Protection Tech Internship CREDITS: 3
This course provides students with an internship experience with an industry, governmental, or educational institution that uses radioactive materials and requires radiation protection technicians. 1.0-6.0-3.0
PREREQUISITE(S): RPT-103 and RPT-113

RWR-032 Integrated Developmental Reading/English CREDITS: 3
This course offers a review of academic reading and writing skills necessary for success in transitional and college-level courses. Students will apply strategies learned to the enhancement of reading comprehension skills and to writing activities for a variety of rhetorical situations. It also covers the application of basic reading skills to improve critical comprehension and higher order thinking skills. 3.0-0.0-3.0
PREREQUISITE(S): None

SOC-101 Introduction to Sociology CREDITS: 3
This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

SOC-102 Marriage and the Family CREDITS: 3
This course introduces the institutions of marriage and the family from a sociological perspective. Significant forms and structures of family groups are studied in relation to current trends and social change. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

SAC-101 Best Practices in School-Age and Youth CREDITS: 3
This course introduces basic best practices of school-age and youth care skills for practitioners in out-of-school environments. 3.0-0.0-3.0
PREREQUISITE(S): None
SOC-205 Social Problems  CREDITS: 3
This course is a survey of current social problems in America, stressing the importance of social change and conflicts as they influence perceptions, definitions, etiology, and possible solutions. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

SOC-210 Juvenile Delinquency  CREDITS: 3
This course presents the nature, extent, and causes of juvenile delinquency behavior, including strategies used in the prevention, intervention, and control of deviant behavior. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

SOC-220 Sociology of the Family  CREDITS: 3
This course includes an application of theory and research related to family behaviors, roles, and values with emphasis on understanding family problems. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

SOC-235 Thanatology  CREDITS: 3
This course is a study of dying, death, bereavement, and widow/widowerhood from a cross-cultural perspective with emphasis on the many legal and ethical issues in this field. 3.0-0.0-3.0
PREREQUISITE(S): SOC-101

SPA-101 Elementary Spanish I  CREDITS: 4
This course is a study of the four basic language skills: listening, speaking, reading, and writing, including an introduction to the Hispanic cultures. 4.0-0.0-4.0
PREREQUISITE(S): ENG-101 with a grade of “C” or higher, or permission of the instructor

SPA-102 Elementary Spanish II  CREDITS: 4
This course continues development of the basic language skills and the study of the Hispanic cultures. 4.0-0.0-4.0
PREREQUISITE(S): SPA-101 with a grade of “C” or higher

SPA-201 Intermediate Spanish I  CREDITS: 3
This course is a review of Spanish grammar with attention given to more complex grammatical structures and reading difficult prose. 3.0-0.0-3.0
PREREQUISITE(S): SPA-102 with a grade of “C” or higher

SPA-202 Intermediate Spanish II  CREDITS: 3
This course continues a review of Spanish grammar with attention given to more complex grammatical structures and reading more difficult prose. 3.0-0.0-3.0
PREREQUISITE(S): SPA-201 with a grade of “C” or higher

SPC-205 Public Speaking  CREDITS: 3
This course is an introduction to principles of public speaking with application of speaking skills. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101 or ENG-160 or ENG-102

SPC-209 Interpersonal Communications  CREDITS: 3
This course is an introduction to the principles of interpersonal communication with emphasis on interpersonal theory as applied to personal and professional relationships. Students will learn to observe and analyze how these principles operate in daily interaction with others. 3.0-0.0-3.0
PREREQUISITE(S): ENG-101 or ENG-160

SUR-101 Introduction to Surgical Technology  CREDITS: 3
This course includes a study of the surgical environment, team concepts, aseptic technique, hospital organization, basic instrumentation and supplies, sterilization, principles of infection control, and wound healing. 3.0-6.0-5.0
PREREQUISITE(S): AHS-102, BIO-225, and BIO-112 or BIO-210 and BIO-211 with a minimum grade of C, and admission to the Surgical Technology Program

SUR-102 Applied Surgical Technology  CREDITS: 5
This course covers the principles and application of aseptic techniques, the perioperative role, and medical/legal aspects. Students must be accepted into the Surgical Technology program before starting SUR 102. 3.0-6.0-5.0
PREREQUISITE(S): None

SUR-103 Surgical Procedures I  CREDITS: 4
This course is a study of a system to system approach to surgical procedures and relates regional anatomy, pathology, specialty equipment, and team responsibility. Patient safety, medical/legal aspects, and drugs used in surgery are emphasized. 3.0-3.0-4.0
PREREQUISITE(S): SUR-101, SUR-102, and SUR-116

SUR-106 Advanced Surgical Procedures  CREDITS: 2
This course is a study of advanced surgical procedures. 2.0-0.0-2.0
PREREQUISITE(S): SUR-101, SUR-102, and SUR-116
SUR-110 Introduction to Surgical Practicum  CREDITS: 5
This course is an introduction to the application of surgical technique by assisting in the perioperative roles in various clinical affiliations. 0.0-15.0-5.0
PREREQUISITE(S): SUR-101, SUR-102, and SUR-116

SUR-113 Advanced Surgical Practicum  CREDITS: 6
This course includes a supervised progression of surgical team responsibilities and duties of the perioperative role in various clinical affiliations. 0.0-18.0-6.0
PREREQUISITE(S): SUR-110

SUR-116 Basic Surgical Procedures  CREDITS: 3
This course is a study of basic surgical procedure. 3.0-0.0-3.0
PREREQUISITE(S): None

SUR-120 Surgical Seminar  CREDITS: 2
This course includes the comprehensive correlation of theory and practice in the perioperative role. 2.0-0.0-2.0
PREREQUISITE(S): SUR-110
Add after SUR-120:

SUR-123 Sterile Processing Technology  CREDITS: 3
This course provides detailed study of the preparation and processing procedures of surgical instruments. 2.0-3.0-3.0
PREREQUISITE(S): BIO-112; BIO-225; MAT-101; and AHS-102
COREQUISITE(S): SUR-125

SUR-125 Sterile Processing Practicum  CREDITS: 5
This course presents the application of sterile processing theory in the clinical setting. 0.0-15.0-5.0
PREREQUISITE(S): BIO-112; BIO-225; MAT-101; and AHS-102
COREQUISITE(S): SUR-123

TEL-106 Civil & Ground for Wireless Telecom  CREDITS: 3
This course will present and explain the need for, principles and tasks associated with non-elevated work at a WSP(wireless service provider)site. 3.0-0.0-3.0
PREREQUISITE(S): Basic Tower and Wireless Installation Certificate or Instructor Approval

TEL-107 Wireless Carrier Cellular Technician  CREDITS: 4
This course is a study in the duties, responsibilities and tasks necessary to a wireless carrier cellular field technician. 4.0-0.0-4.0
PREREQUISITE(S): Basic Tower and Wireless Installation Certificate or Instructor Approval

TEL-108 Elements of a Telecom Job  CREDITS: 1
This course is an introduction to the business and organizational practices and strategies to complete a telecom job from the bidding process to the turnkey end result. 1.0-0.0-1.0
PREREQUISITE(S): Basic Tower and Wireless Installation Certificate or Instructor Approval

THE-101 Introduction to Theatre  CREDITS: 3
This course includes the appreciation and analysis of theatrical literature, history, and production. 3.0-0.0-3.0
PREREQUISITE(S): RWR-032 or acceptable placement scores

WLD-108 Gas Metal ARC Welding I  CREDITS: 4
This course covers equipment setup and the fundamental techniques for welding ferrous and nonferrous metals with GMAW on fillet weld. 2.0-6.0-4.0
PREREQUISITE(S): MAT-032 and RWR-032 or acceptable placement scores

WLD-111 ARC Welding I  CREDITS: 4
This course covers the safety, equipment, and skills used in the shielded metal ARC welding process. Fillet welds are made to visual criteria in several positions. 2.0-6.0-4.0
PREREQUISITE(S): WLD-130

WLD-112 Stainless Steel Piping Welding  CREDITS: 4
This course focuses on the improvement of pipe welding skills and techniques on stainless steel piping according to nuclear weld test standards. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-113 ARC Welding II  CREDITS: 4
This course is a study of arc welding of ferrous and/or nonferrous metals. 2.0-6.0-4.0
PREREQUISITE(S): WLD-111 and WLD-130 or WLD-101 and WLD-102
WLD-115 ARC Welding III  CREDITS: 4
This course covers the techniques used in preparation for structural plate testing according to appropriate standards. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-117 Specialized Arc Welding  CREDITS: 4
This course covers ARC welding processes for industrial purposes. It will include testing on welding in unusual positions. 2.0-6.0-4.0
PREREQUISITE(S): WLD-108 and WLD-132

WLD-130 Welding Fundamentals  CREDITS: 3
This course introduces students to the principles of cutting and welding, the identification of welding tools and equipment, and the process for setting up and repairing welding equipment. Safety procedures will be emphasized. 2.0-3.0-3.0
PREREQUISITE(S): None

WLD-132 Gas Tungsten Arc Welding - Ferrous  CREDITS: 4
This course covers set up and adjustment of equipment and fundamental techniques for welding ferrous metals. 2.0-6.0-4.0
PREREQUISITE(S): WLD-130 or WLD-101 and WLD-102

WLD-141 Weld Quality  CREDITS: 2
This is an introductory course in weld quality assurance. 2.0-0.0-2.0
PREREQUISITE(S): WLD-113 and EGT-123

WLD-154 Pipefitting and Welding I  CREDITS: 4
This is a basic course in fitting and welding pipe joints, either ferrous or non-ferrous, using standard processes. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-170 Qualification Welding  CREDITS: 4
This course covers the procedures and practices used in taking welder qualifications tests. 3.0-3.0-4.0
PREREQUISITE(S): WLD-113 and EGT-123

WLD-201 Welding Metallurgy  CREDITS: 2
This course covers the weldability of metals, weld failure, and the affects of heat on chemical, physical, and mechanical properties. 2.0-0.0-2.0
PREREQUISITE(S): WLD-113 and EGT-117

WLD-206 Orbital Welding  CREDITS: 2
This course is the study of safety, basic theory, and practice for ferrous and nonferrous metals for orbital welding. 1.0-3.0-2.0
PREREQUISITE(S): None

WLD-207 Orbital Special Lab  CREDITS: 1
This course addresses safety, basic theory and provides hands on practice for welding ferrous and nonferrous metal with an Orbital Welder. 0.0 1.0 0.0
PREREQUISITE(S): None

WLD-208 Advanced Pipe Welding  CREDITS: 3
This course is a study of advanced pipe welding. It also covers the processes to fit and weld ferrous and nonferrous metals. 1.0-6.0-3.0
PREREQUISITE(S): WLD-111, WLD-113, WLD-132, and WLD-225

WLD-209 Nuclear Repair Welding  CREDITS: 4
This course employs real work scenarios found within a nuclear facilities piping and infrastructure complex. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-215 Exotic Metals Welding  CREDITS: 4
This course covers techniques to identify and describe exotic metals in use at nuclear facilities for critical fluid flow applications. Students will demonstrate proficient welding skills in tubing and pipe on exotic metals. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-225 Arc Welding Pipe 1  CREDITS: 4
This course covers the techniques used in Shielded Metal Arc Welding of groove welds on pipe. 2.0-6.0-4.0
PREREQUISITE(S): WLD-130, WLD-111, and WLD-113
COREQUISITE(S): WLD-132

WLD-228 Inert Gas Welding Pipe I  CREDITS: 4
This course covers the techniques used in gas tungsten arc welding of groove welds on ferrous pipe. 2.0-6.0-4.0
PREREQUISITE(S): None

WLD-231 Gas Metal Arc/Flux Cored Arc Welding Pipe I  CREDITS: 4
This course covers the techniques used in gas metal arc and/or flux cored arc welding of groove welds on pipe. 2.0-6.0-4.0
PREREQUISITE(S): None
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<thead>
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<th>Education Details</th>
</tr>
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A.S., Piedmont Technical College  
B.S., South Carolina State University

Richard M. Weldon  
*Director, Counseling Services*  
B.A., The Citadel  
M.S.W., Washington University  
M. Divinity, Covenant Theological Seminary

Patricia Whitfield  
*Administrative Assistant, Business, Computer Technology, and Training*  
A.A., Kingsborough Community College

Melissa Wilson  
*Human Resource Specialist*
BULLETIN BOARDS

Bulletin boards, located throughout the campus, are available for posting college-related information. Students must have written permission from the Office of Recruitment and Student Experience (Suite 931) to post or distribute information. Official college announcements will be sent via e-mail and/or posted online to the MyATC portal. It is the responsibility of each student to stay informed of college issues.

CHANGE OF PROGRAM/MAJOR

A change of program/major often has implications for financial aid. Students who are considering a change of program/major are encouraged to discuss their plans with an advisor and possibly a career counselor so that all options will be considered and the student can make a well-informed decision. Additional information and resources are available in the Enrollment Services Center.

CHILDREN ON CAMPUS

Children may not accompany their parents/guardians to class or be left in any area of the campus unattended or in the care of an on-campus baby-sitter.

CLASS INTERRUPTIONS

ATC cannot provide delivery of personal messages, flowers, etc., nor interrupt classes for such purposes. Should a family emergency such as a death, serious illness, or serious injury occur, Enrollment Services staff or Campus Security will attempt to notify the student of the situation. The phone number for Enrollment Services is (803) 508-7263.

CLOSING OF THE COLLEGE

If weather conditions or other emergencies require the closing of ATC, the college will issue appropriate announcements for both day and evening classes. The MyATC Portal is the primary messaging system for enrolled students. Announcements will also be provided from the college to local radio and television stations and will be posted on the ATC website.
CONSUMER INFORMATION

Federal mandates require the release of certain consumer information to our students and the public including graduation and placement rates, campus drug policies, and the frequency of crime on campus. This information is distributed in student literature and informational packets and by request. Any student who does not receive such information or who desires further information should direct a request for information to the Office of the Vice President of Academic and Student Affairs. Access to individual student records is limited by the Privacy Act of 1974.

COPY MACHINES

Copy machines are available for student use on a fee basis in multiple locations on campus.

COURSE SUBSTITUTIONS

A student who wishes to fulfill program requirements by receiving credit for course(s) other than those listed in the student’s program curriculum must receive the written approval of the appropriate advisor and dean using the Course Substitution form available in the Enrollment Services Center.

DRESS CODE

Appropriate attire is left to the discretion of the individual and is expected not to disrupt the educational process of the college. All students must wear shirts and have on shoes that cover the length of the bottom of the foot. Any student who wears any attire which causes a disruption of normal college functions may be asked to leave campus until he or she obtains appropriate attire.

ELECTRONIC DEVICES IN CLASSROOMS

On-call emergency personnel who must maintain electronic devices in “active” mode in the interest of public safety must notify the instructor of their need for an exception to this procedure at the beginning of classes for the term. Faculty may request documentation from these students verifying employment.

Students may not leave a test, communicate with or through electronic devices, and return to complete the test. Students who, by necessity, must take such messages will be required to make arrangements for re-testing.

EMERGENCY ALERTS

The college provides an emergency alert messaging system for students who choose to “opt-in” for the service. More information about emergency alert messaging is available through Campus Security, (803) 508-7360.

FIELD TRIPS

Students participating in college-sponsored field trips, or representing the college, must adhere to the Student Code.

COMPLAINTS

Students have an opportunity to present both formal and informal complaints regarding their experience at the college. In order to submit a formal complaint, students should talk with a counselor and/or contact the Office of the Vice President of Academic and Student Affairs. If they wish to proceed with the complaint they must follow the process outlined in the Student Code and Student Grievance Procedure. Students are then provided with information regarding the procedure that will be followed in determining the concern they have asked to be addressed.

Students wishing to provide suggestions to enhance the student experience should use the “Student Suggestions” link in the Student Resources section of the MyATC Portal.
FOOD SERVICES

Vending machines are available in the cafeteria, located in the Gregg-Graniteville Student Activities Center, and on a limited basis in other campus buildings. The ATC Bookstore also sells a variety of food and beverages.

GRADE POINT AVERAGE (GPA) CALCULATION

The Grade Point Average (GPA) is used in determining a student’s academic standing. Each course a student completes earns a credit and a quality point (grade point) value. To determine the GPA based on the four-point system used by ATC, use the following steps:

Write down the courses taken and the grade achieved in each course. Multiply the number of credit hours by the points for each grade earned to determine the quality points for each class. (A = 4, B = 3, C = 2, D = 1, F = 0, WF = 0)

Total the quality points (grade points). Total the credit hours. Divide the quality points (grade points) by the number of credit hours.

EXAMPLE

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201</td>
<td>3</td>
<td>C(2) = 6</td>
<td></td>
</tr>
<tr>
<td>ENG 101</td>
<td>3</td>
<td>B(3) = 9</td>
<td></td>
</tr>
<tr>
<td>BIO 101</td>
<td>4</td>
<td>A(4) = 16</td>
<td></td>
</tr>
<tr>
<td>HIS 202</td>
<td>3</td>
<td>D(1) = 3</td>
<td></td>
</tr>
<tr>
<td>ECO 210</td>
<td>3</td>
<td>F(0) = 0</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>

In this example, the student’s GPA for the semester is 2.12 (34 divided by 16). The cumulative GPA represents the grade point average for all the credit hours the student has pursued. A student can calculate his or her cumulative GPA simply by totaling the number of courses and quality points (grade points) earned in all semesters at ATC, then dividing the total quality points by the total number of credits pursued. (See calculation above.)

HONOR CODE

The ATC Student Honor Code represents a standard of conduct to which each student should aspire: “As a member of the Aiken Technical College community, I am committed to the ideal and practice of honorable behavior. I will conduct myself in a civil manner, respect the rights and property of others, and support the College’s values and educational mission. I will maintain personal and academic integrity in all aspects of campus life. I recognize the dignity of all individuals and will respect and learn from the ideas represented in our collective diversity. I will uphold the Aiken Technical College standard of excellence.”

INTELLECTUAL PROPERTY

In accordance with Aiken Technical College Policy No. 1-3-109 (Intellectual Property Rights), the efforts of students in class projects that become marketable are subject to the same regulations as those in place for faculty and staff. For a more detailed description, please feel free to visit with a counselor.
LOST AND FOUND

Students who have lost or found items should contact Campus Security, Building 650, (803) 508-7911.

PETS

No pets are allowed on campus. This does not include service animals for students with documented disabilities requiring their use.

PHYSICAL ACCESS TO BUILDINGS FOR STUDENTS WITH DISABILITIES

Each building on the ATC campus has an accessible entrance for students with physical disabilities and has an elevator in each building that contains multiple levels.

PRINTING

Print credits may be purchased in any dollar amount from the bookstore and may be used for library and classroom printing. The bookstore accepts cash and financial aid payments for print credits. Must have a picture ID. Print credits may also be purchased online through the MyATC portal using a credit card.

SMOKING POLICY

The use of tobacco, tobacco-related, and electronic cigarettes is prohibited on the Aiken Technical College campus. Banned products include, but are not limited to: cigarettes, electronic cigarettes of all types, cigars, pipes, and smokeless tobacco.

SOLICITATION/CANVASSING AND FUND RAISING ON CAMPUS

The Director of Recruitment and Student Experience must provide prior written permission for anyone to distribute or present political, social, religious, or other promotional material on campus. In general, solicitation or canvassing on campus is forbidden with the exception of Student Government Association (SGA)-sponsored events and activities such as blood drives, relief efforts, and SGA elections.

STUDENT RESPONSIBILITIES

Students are responsible for actively engaging in the learning process. It is critical that students read and understand the procedures and information provided in the Catalog and the Student Handbook, the semester course schedules and other notices sent to students. All students are provided with a free e-mail account and are expected to check this account frequently. The college will use this e-mail system for official college news and announcements. Orientation sessions assist students with this information, but it is the responsibility of the student to ask for additional information as needed.

STUDENT INTELLECTUAL PROPERTY RIGHTS

ATC has developed policies regarding the ownership of materials, compensation, copyright issues and the use of revenue derived from the creation and production of intellectual property developed by faculty, staff and students.

STUDENT SUGGESTIONS

Students wishing to provide suggestions to enhance the student experience should use the “Student Suggestions” link in the Student Resources section of the MyATC Portal.

TRANSPORTATION

Students attending ATC must make their own arrangements for transportation to and from the campus. The college is on the route of Aiken County’s public bus system, the Best Friend Express.

Contact the Best Friend Express at (803) 648-6493 for a schedule. Bus passes are available for purchase at the Cashier’s Office in room 128.

DIDN’T FIND WHAT YOU WERE LOOKING FOR?

Contact the Enrollment Services Center at (803) 508-7263.
I. Purpose
The Student Code for South Carolina Technical Colleges sets forth the rights and responsibilities of the individual student, identifies behaviors that are not consistent with the values of college communities, and describes the procedures that will be followed to adjudicate cases of alleged misconduct, except cases of alleged acts of sexual violence and sexual harassment. Cases of alleged acts of sexual violence and sexual harassment will be adjudicated through SBTCE procedure 3-2-106.2. This Code applies to behavior on college property, at college-sponsored activities and events, and to off-campus behavior that adversely affects the college and/or the college community.

The Code applies to all students from the time of applying for admission through the awarding of a degree, diploma, or certificate.

II. Principles
Technical/community college students are members of both the community at large and the academic community. As members of the academic community, students are subject to the obligations that accrue to them by virtue of this membership.

As members of a larger community, students are entitled to all rights and protections accorded them by the laws of that community, the enforcement of which is the responsibility of duly constituted authorities. If a student’s alleged behavior simultaneously violates college regulations and the law, the college may take disciplinary action independent of that taken by legal authorities.

When it has been determined that a student violated a federal, state, or local law, college disciplinary action may be initiated only when the presence of the student on campus will disrupt the educational process of the college.

When a student’s alleged violation of the law, whether occurring on campus or off campus, may adversely affect the college’s pursuit of its educational objectives or activities, the college may enforce its own regulations through this Student Code.

III. Solutions of Problems
The college will first seek to solve problems through internal review procedures. When necessary, off-campus law enforcement and judicial authorities may be involved.

In situations where South Carolina Technical/Community Colleges have shared programs, the Chief Student Services Officer where the alleged violation of the Student Code for the South Carolina Technical College System occurred will handle the charges. A change of venue to the other college may be granted, based on the nature of the offense, provided it is agreed to by the Chief Student Services Officers of both colleges. Any sanctions imposed will apply across both colleges.

In situations where a student is dually enrolled in two or more South Carolina Technical/Community Colleges and is charged with a violation of the Student Code for the South Carolina Technical College System, the Chief Student Services Officer of the college where the alleged infraction occurred will handle the charges and the sanctions may apply at each college in which the student is enrolled.

IV. Definitions
When used in this document, unless the content requires other meaning:

A “College” means Aiken Technical College, a member of the South Carolina Technical College System.

B “President” means the chief executive officer of the college.

C “Administrative Officer” means anyone designated at the college as being on the administrative staff such as President, Vice President, Dean of Students or Student Services, Chief Academic Officer, Dean of Instruction, or Business Manager.

D “Chief Student Services Officer” means the Administrative Officer at the college who has overall management responsibility for student services or his/her designee.
I. Student Rights

A. FREEDOM FROM DISCRIMINATION
There shall be no discrimination in any respect by the college against a student, or applicant for admission as a student, based on race, color, age, religion, national origin, sex or disability.

B. FREEDOM OF SPEECH AND ASSEMBLY
Students shall have the right to freedom of speech and assembly without prior restraints or censorship subject to clearly stated, reasonable, and nondiscriminatory rules and regulations regarding time, place, and manner developed and approved by the college.

In the classroom and in other instructional settings, discussion and expression of all views relevant to the subject matter -are recognized as necessary to the educational process, but students have no right to interfere with the freedom of instructors to teach or the rights of other students to learn.

C. FREEDOM OF THE PRESS
In official student publications, students are entitled to the constitutional right of freedom of the press, including constitutional limitations on prior restraint and censorship. To ensure this protection, the college shall have an editorial board with membership representing SGA, faculty, and administration. Each college has the responsibility of defining the selection process for its editorial board. The primary responsibility of the board shall be to establish and safeguard editorial policies.

D. FREEDOM FROM UNREASONABLE SEARCHES AND SEIZURES
Students are entitled to the constitutional right to be secure in their persons, dwellings, papers, and effects against unreasonable searches and seizures. College security officers or administrative officers may conduct searches and seizures only as authorized by law.

E. RIGHT TO PARTICIPATE IN COLLEGE GOVERNANCE
Students should have the opportunity to participate on college committees that formulate policies directly affecting students, such as in the areas of student activities and student conduct. This participation may be coordinated through a Student Government Association whose constitution or bylaws have been approved by the college’s area commission.

F. RIGHT TO KNOW ACADEMIC AND GRADING STANDARDS
Instructors will develop, distribute, explain, and follow the standards that will be used in evaluating student assignments and determining student grades.

Grades are awarded for student academic performance. No grade will be reduced as a disciplinary action for student action or behavior unrelated to academic conduct.
G. RIGHT TO PRIVACY
Information about individual student views, beliefs, and political associations acquired by instructors, counselors, or administrators in the course of their work is confidential. It can be disclosed to others only with prior written consent of the student involved or under legal compulsion.

H. RIGHT TO CONFIDENTIALITY OF STUDENT RECORDS
All official student records are private and confidential and shall be preserved by the college. Separate record files may be maintained for the following categories:

1. Academic
2. Medical, psychiatric and counseling
3. Placement
4. Financial aid
5. Disciplinary
6. Financial
7. Veterans Affairs

In addition, disciplinary records are maintained by the Chief Student Services Officer.

Student education records will be maintained and administered in accordance with the Family Educational Rights and Privacy Act of 1974, the guidelines for the implementation of this act, and other applicable federal and state statutes and regulations.

I. RIGHT TO DUE PROCESS
At a minimum, any student charged with misconduct under this code is guaranteed the following:

1. The right to receive adequate notice of the charge(s)
2. The right to see and/or hear information and evidence relating to the charge(s)
3. The right to present information and evidence relating to the charge(s)

Additional due process requirements will be identified in other sections of this Code.

II. Student Responsibilities
A. Students are expected to conduct themselves in a manner that is civil, that is respectful of the rights of others, and that is compatible with the college’s educational mission.

B. Students are expected to comply with all of the college’s duly established rules and regulations regarding student behavior while on campus, while participating in off-campus college sponsored activities, and while participating in off-campus clinical, field, internship, or in-service experiences.

C. Students are expected to comply with all course requirements as specified by instructors in course syllabi and to meet the standards of acceptable classroom behavior set by instructors. Instructors will announce these standards during the first week of classes. If a student’s behavior disrupts class or jeopardizes the health, safety, or well-being of the student or others, the instructor will speak with the student regarding the disruption. If the unacceptable conduct or disruption continues, the instructor may dismiss the student from for the remainder of the class period.

Further disruption(s) by the student may result in a second dismissal and a written referral to the Chief Student Services Officer. This written referral may result in the initiation of disciplinary action against the student.

III. Student Conduct Regulations
The following list identifies violations for which students may be subject to disciplinary action. The list is not all inclusive, but it reflects the categories of inappropriate behavior and provides examples of prohibited behaviors.

A. ACADEMIC MISCONDUCT
All forms of academic misconduct including, but not limited to, cheating on tests, plagiarism, collusion, and falsification of information may call for disciplinary action.

1. Cheating on tests is defined to include the following:
   - Copying from another student’s test or answer sheet
   - Using materials or equipment during a test not authorized by the person giving the test
   - Collaborating with any other person during a test without permission
   - Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of a test prior to its administration
   - Bribing or coercing any other person to obtain tests or information about tests
   - Substituting for another student, or permitting any other person to substitute for oneself
   - Cooperating or aiding in any of the above

2. “Plagiarism” is defined as the appropriation of any other person’s work and the unacknowledged incorporation of that work in one’s own work.

3. “Collusion” is defined as knowingly assisting another person in an act of academic dishonesty.

4. “Fabrication” is defined as falsifying or inventing information in such academic exercises as reports, laboratory results, and citations to the sources of information.
B. ABUSE OF PRIVILEGE OF FREEDOM OF SPEECH OR ASSEMBLY

No student, acting alone or with others, shall obstruct or disrupt any teaching, administrative, disciplinary, public service, research, or other activity authorized or conducted on the campus of the college or any other location where such activity is conducted or sponsored by the college. This disruption does not necessarily have to involve violence or force for the student to face disciplinary actions. In addition to administrative action, any person in violation of any federal, state, or local law will be turned over to the appropriate authorities.

C. FALSIFICATION OF INFORMATION AND OTHER ACTS INTENDED TO DECEIVE

Falsification of information and other acts intended to deceive include, but are not limited to the following:
1. Forging, altering, or misusing college documents, records, or identification cards.
2. Falsifying information on college records.
3. Providing false information for the purpose of obtaining a service.

D. ACTIONS WHICH ENDANGER STUDENTS AND THE COLLEGE COMMUNITY

Actions which endanger students and the college community include, but are not limited to the following:
1. Possessing or using on campus a firearm or other dangerous or potentially dangerous weapon unless such possession or use has been authorized by the college.
2. Possessing or using any incendiary device or explosive unless such possession or use has been authorized by the college.
3. Setting fires or misusing or damaging fire safety equipment.
4. Using, or threatening to use, physical force to restrict the freedom of action or movement of others or to harm others.
5. Endangering the health, safety, or wellbeing of others through the use of physical, written, or verbal abuse, threats, intimidation, harassment, and coercion.
6. Sexual violence, which refers to physical sexual acts perpetuated against person’s will or when a person is incapable of giving consent. Cases of alleged acts of sexual violence will be adjudicated through SBTCE procedure 3-2-106.2.
7. Retaliating, or threatening to retaliate, against any person for filing a complaint, providing information relating to a complaint, or participating as a witness in any hearing or administrative process.

E. INFRINGEMENT OF RIGHTS OF OTHERS

Infringement of rights of others is defined to include, but is not limited to the following:

1. Stealing, destroying, damaging, or misusing college property or the property of others on campus or off campus during any college activity.
2. Sexually harassing another person. In addition to sexual violence, sexual harassment can include unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, or physical conduct of a sexual nature, when submission to such conduct is made a term or condition of a student’s education, a basis for academic conditions affecting the student, or the conduct is sufficiently serious to interfere with the student’s academic performance or otherwise deny or limit the student’s ability to participate in any aspect of the college’s program, thereby creating an intimidating or hostile learning environment. Cases of alleged acts of sexual harassment will be adjudicated through SBTCE procedure 3-2-106.2.
3. Stalking, which is defined as engaging in a course of conduct, through physical, electronic, or other means, that would place a reasonable person in fear for his/her safety, or that has, in fact, placed an individual in such fear. Where the stalking is based on sex, race, national origin, color, age, religion or disability, it may constitute harassment under other provisions of this Code.
4. Harassing conduct, including verbal acts and name calling; graphic and written statements, which may include the use of cell phones, the internet, or other electronic devices; and other conduct that may be physically harmful, threatening, or humiliating. Harassment based on race, national origin, color, age, sex, religion, or disability will be a violation of the Code when it is a basis for academic decisions affecting the student or the conduct is sufficiently serious to interfere with the student’s academic performance or otherwise deny or limit the student’s ability to participate in any aspect of the college’s program, thereby creating an intimidating or hostile learning environment.
5. Engaging in any activity that disrupts the educational process of the college, interferes with the rights of others, or adversely interferes with other normal functions and services.
F. OTHER ACTS WHICH CALL FOR DISCIPLINE

Other acts which call for discipline include, but are not limited to the following:

1. Possessing, using, or distributing any narcotics or other unlawful drugs as defined by the laws of the United States or the State of South Carolina.
2. Possessing, using, or distributing on campus any beverage containing alcohol.
3. Violating institutional policies while on campus or off campus when participating in a college sponsored event or activity.
4. Violating any South Carolina and/or federal laws while on campus or off-campus when participating in a college sponsored event or activity.

IV. STUDENT DISCIPLINARY PROCEDURES

The procedures and sanctions that follow are designed to channel faculty, staff or student complaints against students, except for those complaints alleging acts of sexual violence or sexual harassment which are processed under SBTCE procedure 3-2-106.2. Because due process is essential in dealing with infractions of college regulations, any disciplinary actions taken and sanctions imposed on a student or student organization will follow the provisions of this code.

A. INTERIM SUSPENSION

In certain situations, the President, or President’s designee, may temporarily suspend a student before the initiation of disciplinary procedures. Interim suspension may only be imposed when there is reason to believe that the continued presence of the accused student at the college poses a substantial and immediate threat to the student or to others or poses a serious threat of disruption of, or interference with, the normal operations of the college.

The interim suspension process follows:

1. The President, or President’s designee, shall notify the Chief Student Services Officer in writing about the nature of the alleged infraction, a brief description of the incident(s) and the student’s name before 5:00 pm of the first class day following the decision to impose the interim suspension.
2. The Chief Student Services Officer, or designee, will inform the student, in writing, about the decision to impose an interim suspension. This notice must either be hand delivered to the student, sent by e-mail, or sent by certified mail to the student’s last known address within two instructional weekdays of receiving the information from the President, or designee. If sent by e-mail, a letter sent by certified mail to the student’s last known address must still be mailed within two instructional weekdays of receiving the information from the President, or designee.

B. ACADEMIC MISCONDUCT

1. An instructor who has reason to believe that a student enrolled in his/her class has committed an act of academic misconduct must discuss the matter with the student. The instructor must advise the student of the alleged act of academic misconduct and the information upon which it is based. The student must be given an opportunity to refute the allegation. If the student chooses not to participate in the discussion, the instructor will make a decision based upon the available information.
2. If the instructor, after meeting with the student, determines that the student has engaged in academic misconduct as alleged, the instructor will inform the student about the decision and the academic sanction that will be imposed. The instructor may impose one of the following academic sanctions:
   - Completion of an educational activity relating to the nature of the offense.
   - Assign a lower grade or score to the paper, project, assignment or examination involved in the act of misconduct.
   - Require the student to repeat or resubmit the paper, project, assignment, or examination involved in the act of misconduct.
   - Assign a failing grade for the course.
   - Require the student to withdraw from the course.

3. If the student is found responsible for the academic misconduct, within five (5) instructional weekdays of the meeting with the student, the instructor will submit a written report about the incident and the sanction imposed to the Chief Academic Officer. The Chief Academic Officer, or designee, will send a letter to the student summarizing the incident, the finding, the terms of the imposed sanction, and informing the student that he/she may appeal the decision and/or the sanction by submitting a written request to the Chief Academic Officer within seven instructional weekdays of the date of the Chief Academic Officer’s letter.
If the student requests an appeal, the Chief Academic Officer, or designee, will send a certified letter to the student’s last known address. This letter must contain the following information:

- A restatement of the charges
- The time, place, and location of the appeal
- A list of witnesses that may be called
- A list of the student’s basic procedural rights. These rights follow:
  - The right to consult with counsel. The role of the person acting as counsel is solely to advise the student. Counsel may not participate in any of the questioning or make any statements on behalf of the student. The student will be responsible for paying any fees charged by his/her counsel.
  - The right to present witnesses on one’s behalf.
  - The right to present evidence and notice that the Chief Academic Officer, or designee, may determine what evidence is admissible.
  - The right to know the identity of the person(s) bringing the charge(s).
  - The right to hear witnesses on behalf of the person bringing the charges.
  - The right to testify or to refuse to testify without such refusal being detrimental to the student.
  - The right to appeal the decision to the President.
- A statement informing the student that the sanction imposed by the instructor will be held in abeyance pending the outcome of the appeal.

On the basis of the information presented at the appeal, the Chief Academic Officer, or designee, will render one of the following decisions:

- Accept the decision and the sanction imposed
- Accept the instructor’s decision but impose a less severe sanction
- Overturn the instructor’s decision
- Remand the case to the Student Hearing Committee to be re-heard.

The President’s decision is final and cannot be appealed further.

C. STUDENT MISCONDUCT

Any member of the college community may file charges alleging a violation of the Code. A charge, that includes a description of the alleged violation, must be submitted in writing to the Chief Student Services Officer as soon as possible after the incident occurs, but no later than 10 instructional weekdays after the incident, unless the person filing the charge demonstrates that exceptional circumstances prevented filing the charge within this time period. The Chief Student Services Officer, or designee, will determine whether the circumstances merit an extension of the deadline.

Preliminary Hearing

Within five (5) instructional weekdays after the charge has been filed, the Chief Student Services Officer, or designee, shall complete a preliminary investigation of the charge and schedule a meeting with the student. After discussing the alleged infraction with the student and reviewing available information, the Chief Student Services Officer, or designee will decide whether the information presented during the meeting indicates that the violation occurred as alleged. When the student cannot be reached to schedule an appointment, or when the student fails to attend the meeting, the Chief Student Services Officer, or designee, will base the decision upon the available information.

If the available information indicates that the violation occurred as alleged, then one of the following sanctions will be imposed:

- Reprimand—A written warning documenting that the student violated a student conduct regulation and indicating that subsequent violations could result in more serious disciplinary sanctions.
Restitution—Compensation for loss or damage to college property or the property of others while on the campus or at a college event or activity including but not limited to field trips, internships, and clinicals.

Special Conditions—Completion of a variety of educational activities, relating to the nature of the offense may be imposed. Examples include, but are not limited to, the following: a formal apology, an essay or paper on a designated topic, or participation in a special project or activity.

Disciplinary Probation—A written reprimand documenting that the student violated a student conduct regulation. Probation is for a specified period of time and it serves as a warning that subsequent violations could most likely result in more serious disciplinary sanctions.

Loss of Privileges—Suspension or termination of particular student privileges.

Suspension from the college—Separation from the college for a specified period of time. Suspended students will not receive academic credit for the semester in which the suspension was imposed. During the suspension period, the student may not return to the campus unless prior permission by the Chief Student Services Officer has been granted.

Expulsion from the college—Permanent separation from the college. An expelled student may not return to the campus unless prior permission by the Chief Student Services Officer has been granted. An expelled student will not receive academic credit for the semester in which the expulsion was imposed.

Any combination of the above.

Within five (5) instructional weekdays of the preliminary hearing, the Chief Student Services Officer, or designee, will send a certified letter to the student. This letter will confirm the date of the preliminary hearing, identify the specific regulation(s) that the student allegedly violated, identify the decision, summarize the rationale, and, if the student violated the regulation(s), state the sanction that was imposed. This letter must also state that if the student disagrees with the decision or the sanction, the student may request a hearing before the Hearing Committee, that the student must submit this request no later than two instructional weekdays after receiving the decision letter unless a request is made and approved by the Chief Student Services Officer for an extension, and that any decision made and sanction imposed at the preliminary hearing may be held in abeyance should the student decide to go before the Hearing Committee.

Hearing Committee
The Hearing Committee shall be composed of the following:

1. Three faculty members appointed by the Chief Academic Officer and approved by the President.
2. Three student members appointed by the appropriate student governing body and approved by the President.
3. One member of the Student Services staff appointed by the Chief Student Services Officer and approved by the President.
4. The Chief Student Services Officer, or designee, who serves as an ex officio nonvoting member of the Committee and who presents the case.

The Hearing Committee shall perform the following functions:

1. Hear cases of alleged violations of the Code of Student Conduct.
2. Insure that the student's procedural rights are met.
3. Make decisions based only on evidence and information presented at the hearing.
4. Provide the student with a statement of the committee's decision including findings of fact and, if applicable, impose one or more of the following sanctions:

   Academic Misconduct (cases sent to the Hearing Committee by the President)
   - Assign a lower grade or score to the paper, project, assignment or examination involved in the act of misconduct.
   - Require the student to repeat or resubmit the paper, project, assignment, or examination involved in the act of misconduct.
   - Assign a failing grade for the course.
   - Require the student to withdraw from the course.

Student Misconduct

- Reprimand—A written warning documenting that the student violated a student conduct regulation and indicating that subsequent violations could result in more serious disciplinary sanctions.
- Special Conditions—Completion of a variety of educational activities, relating to the nature of the offense may be imposed. Examples include, but are not limited to, the following: a formal apology, an essay or paper on a designated topic, or participation in a special project or activity.
- Restitution—Compensation for loss or damage to college property or the property of others while on the campus, or at a college event or activity including but not limited to field trips, internships, and clinicals.
- Disciplinary Probation—A written reprimand documenting that the student violated a student conduct regulation. Probation is for a specified
period of time and it serves as a warning that subsequent violations could most likely result in more serious disciplinary sanctions.

- Loss of Privileges—Suspension or termination of particular student privileges.
- Suspension from the college—Separation from the college for a specified period of time. Suspended students will not receive academic credit for the semester in which the suspension was imposed. During the suspension period, the student may not return to the campus unless prior permission by the Chief Student Services Officer has been granted.
- Expulsion from the college—Permanent separation from the college. An expelled student may not return to the campus unless prior permission by the Chief Student Services Officer has been granted. An expelled student will not receive academic credit for the semester in which the expulsion was imposed.
- Any combination of the above.

**Hearing Committee Procedures**

1. The Chief Student Services Officer, or designee, shall refer the matter to the Hearing Committee together with a report of the nature of the alleged misconduct, the name of the person(s) filing the complaint(s), the name of the student against whom the charge(s) has (have) been filed, and a summary of the findings from the preliminary investigation.

2. At least seven (7) instructional weekdays before the date set for the Hearing Committee’s meeting, the Chief Student Services Officer, or designee, shall send a certified letter to the student’s last known address. The letter must contain the following information:
   - A statement of the charge(s).
   - A brief description of the incident that led to the charge(s).
   - The name of the person(s) submitting the incident report.
   - The date, time, and place of the scheduled hearing.
   - A list of all witnesses who might be called to testify.
   - A statement of the student’s procedural rights. These rights follow:
     - The right to consult counsel. This role of the person acting as counsel is solely to advise the student. Counsel may not address the Hearing Committee or participate in any of the questioning. The student has the responsibility for paying any of the counsel’s fees and any other of the counsel’s charges.
     - The right to present witnesses on one’s behalf.
     - The right to know the names of any witnesses who may be called to testify at the hearing.
     - The right to review all available evidence, documents, exhibits, etc., that may be presented at the hearing.
     - The right to present evidence; however, the Hearing Committee will determine what evidence is admissible.
     - The right to know the identity of the person(s) bringing the charge(s).
     - The right to hear witnesses on behalf of the person bringing the charges.
     - The right to testify or to refuse to testify without such refusal being detrimental to the student.
     - The right to a fair and impartial decision.
     - The right to appeal the Hearing Committee’s decision.

3. On written request of the student, the hearing may be held prior to the expiration of the seven (7) day advance notification period if the Chief Student Services Officer, or designee, concurs with this change.

4. The Chief Student Services Officer, or designee, may postpone the hearing due to circumstances beyond the control of the parties.

**Hearing Committee Meetings**

1. The chair shall be appointed by the President from among the membership of the committee. Ex officio members of the committee may not serve as the chair of the committee.

2. Committee hearings shall be closed to all persons except the student, the person(s) initiating the charge(s), counsels for the student and for the College, witnesses who will be invited into the hearing and a person, mutually agreed upon by the committee and the student, to serve as the recorder.

3. The committee may identify someone to take written notes and the committee will have the hearing, with the exception of deliberations, recorded. No other party in the hearing may record the proceedings and no other party is entitled to a copy of the notes or the recording. The written notes and the recording will be maintained in the office of the Chief Student Services Officer. The student may review the notes and listen to the recording under the
supervision of the Chief Student Services Officer or designee.

Witnesses shall be called in one at a time to make a statement and to respond to questions.

After hearing all of the information, the Hearing Committee will begin its deliberations. Using the standard “preponderance of the evidence,” which means that the information presented at the hearing would lead one to conclude that it is highly probable that the violation(s) occurred as alleged, the members will determine, by majority vote, whether the violation occurred as alleged. If it is determined that the violation(s) occurred as alleged, by majority vote, the members will decide upon the appropriate sanction.

The Chair of the Hearing Committee will send a certified letter to the student’s last known address within two (2) instructional weekdays of the Committee’s decision. The letter shall inform the student about the Committee’s decision, the date of the decision, and, if applicable the sanction(s) imposed. The letter will also inform the student about the appeal process.

**Appeal**

If the student disagrees with either the decision or the sanction, the student may submit a written appeal to the College’s President. This letter must be submitted within ten instructional weekdays of the date on which the Hearing Committee made its decision. The written appeal must include a statement indicating why the student disagrees with the Hearing Committee’s findings.

The President, or designee, shall review the Hearing Committee’s findings, conduct whatever additional inquiries as deemed necessary, and render a decision within ten instructional weekdays of receiving the appeal. The President, whose decision is final, shall have the authority to approve, modify, or overturn the Hearing Committee’s decisions and, if needed, void the process and reconvene another Hearing Committee. The President’s decision regarding disciplinary actions under the Student Code 3-2-106.1 are not grievable.

The President, or designee, will inform the student about the outcome of the appeal in a certified letter sent to the student’s last known address.
The South Carolina Technical College System does not discriminate on the basis of race, color, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and activities as required by Title IX. Any questions regarding Title IX may be referred to the college’s Title IX Coordinator or to the Office of Civil Rights.

The Student Code for the South Carolina Technical College System sets forth the rights and responsibilities of the individual student, identifies behaviors that are not consistent with the values of college communities, and describes the procedures that will be followed to adjudicate cases of alleged misconduct. This Code applies to behavior or complaints alleging acts of sexual violence or sexual harassment on college property, at college-sponsored activities and events, and to off-campus behavior that adversely affects the college and/or the college community and the Code applies to all students from the time of applying for admission through the awarding of a degree, diploma, or certificate.

Any student, or other member of the college community, who believes that he/she is or has been a victim of sexual harassment or sexual violence may file a report with the college’s Chief Student Services Officer, campus law enforcement, or with the college’s Title IX Coordinator, or designee. The Title IX Coordinator’s office location, email address, and phone number are printed in the college’s catalog and appear on the college’s website. Students may also contact any Responsible Employee, who has an obligation to report any claim of sexual harassment or sexual assault to the Title IX Coordinator, or designee. The college will evaluate violations to their anti-bullying policy to determine if there is also a possible violation of Title IX.

The Title IX Coordinator, or designee will work with the student who filed a complaint ("Complainant") under this policy to mitigate, to the extent reasonably possible, the likelihood of additional injury during the pendency of the investigation and proceedings. After a complaint has been filed alleging a sex offense covered under this regulation that has occurred, the Title IX Coordinator, or designee will also accommodate Complainants’ reasonable requests to change academic schedules, housing assignments, or to make other reasonable accommodations.

Reports may also be filed by any other member of the college community at any time. The Complainant may also file a criminal report regarding the alleged conduct. Title IX investigations are separate from criminal investigations. However, colleges may need to temporarily delay the fact-finding portion of a Title IX investigation while law enforcement gathers evidence. During this delay, colleges will take interim measures to prevent harassment.
to protect the complainant in the educational setting. Additionally, all parties involved will receive updates of the status of the investigation and receive notification once the college resumes its Title IX investigation. The State Board for Technical and Comprehensive Education (SBTCE) and its member colleges encourage the prompt reporting of sexual misconduct to campus law enforcement and local law enforcement. Information regarding law enforcement reporting procedures is available on the colleges' websites.

Due to the seriousness of these issues, the college will provide educational programs to promote the prevention and awareness of rape, acquaintance rape, sexual violence, and other forcible and non-forcible sex offenses, as well as sexual harassment awareness programs.

If the alleged violator named in the report is an employee or third party, the case will be adjudicated through SBTCE Student Grievance Procedure (SBTCE Procedure 3-2-106.3) and/or SBTCE Non-Discrimination, Anti-Harassment, and Sexual Misconduct Procedure (SBTCE 8-5-101.1).

If the alleged violator of this policy is a student, the case may be adjudicated through the Formal Resolution Process (Section IV) or the Informal Resolution Process/Mediation (Section V) as outlined in SBTCE Student Grievance Procedure (SBTCE Procedure 3-2-106.3).

DEFINITIONS

When used in this document, unless the context requires other meaning,

- **A** A Complainant is an individual alleging conduct prohibited under this regulation.

- **B** Conduct is considered “Unwelcome Conduct” if it is unrequested, uninvited, undesirable and/or offensive. Unwelcome conduct may take various forms, including, name-calling, graphic or written statements (including the use of cell phones or the Internet), or other conduct that may be physically threatening, harmful, or humiliating. Unwelcome conduct does not have to include intent to harm, be directed at a specific target, or involve repeated incidents. Participation in the conduct or the failure to complain does not always mean that the conduct was welcome. The fact that a student may have welcomed some conduct does not necessarily mean that a student welcomed other conduct. Also, the fact that a student requested or invited conduct on one occasion does not mean that the conduct is welcome on a subsequent occasion.

- **C** Consent is explicit approval and permission to engage in sexual activity demonstrated by clear action, words, or writings. Consent must be informed, voluntary, and mutual, and can be withdrawn at any time. There is no consent when there is force, expressed or implied, or when coercion, intimidation, threats, or duress is used. Whether a person has taken advantage of a position of influence over another person may be a factor in determining consent. Silence or absence of resistance does not imply consent. Past consent to engage in sexual activity with another person does not imply ongoing future consent with that person or consent to engage in that same sexual activity with another person. If a person is mentally or physically incapacitated or impaired so that such person cannot understand the fact, nature, or extent of the sexual situation, there is no consent; this includes impairment or incapacitation due to alcohol or drug consumption that meets this standard, or being asleep or unconscious.

- **D** A Hostile Environment exists when sex-based harassment is sufficiently serious to deny or limit the student’s ability to participate in or benefit from the college’s programs or activities. A hostile environment can be created by anyone involved in a college’s program or activity (e.g., administrators, faculty members, students, and campus visitors).

- **E** Gender-Based Harassment is unwelcome conduct of a nonsexual nature based on a student's actual or perceived sex, including conduct based on gender identity, gender expression, and nonconformity with gender stereotypes.

- **F** Preponderance of Evidence is the standard used to evaluate the evidence for purposes of making findings and drawing conclusions for an investigation conducted under this regulation.

- **G** A Respondent is an individual accused of a violation under this regulation.

- **H** A Responsible Employee is any employee who has the authority to take action to redress sexual violence or any other misconduct by students to the Title IX Coordinator or other appropriate school designee; or who a student could reasonably believe has this authority or duty.

- **I** Retaliation is action taken by an accused individual or an action taken by a third party against any person that has opposed any practices forbidden under this policy or because that person has filed a complaint, testified, assisted, or participated in any manner in an investigation or proceeding under this policy. Action
is generally deemed retaliatory if it would deter a reasonable person in the same circumstances from opposing practices prohibited by this policy.

J  Sex-Based Harassment includes sexual harassment and gender-based harassment.

K  Sexual Assault is actual or attempted sexual contact with another person without that person’s consent. Sexual assault includes, but is not limited to: intentional touching of another person’s intimate parts without that person’s consent; or other intentional sexual contact with another person without that person’s consent; or coercing, forcing, or attempting to coerce or force a person to touch another person’s intimate parts without that person’s consent; or rape, which is penetration, no matter how slight, of (1) the vagina or anus of a person by any body part of another person or by an object, or (2) the mouth of a person by a sex organ of another person, without that person’s consent.

L  Sexual Exploitation occurs when a person takes sexual advantage of another person for the benefit of anyone other than that person without that person’s consent. Examples of behavior that could rise to the level of sexual exploitation include: Prostituting another person; recording images (e.g., video, photograph, or audio) of another person’s sexual activity, intimate body parts, or nakedness without that person’s consent; distributing images (e.g., video, photograph, or audio) of another person’s sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to such disclosure and objects to such disclosure; and viewing another person’s sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person’s consent, and for the purpose of arousing or gratifying sexual desire.

M  Sexual Harassment is unwelcome conduct of a sexual nature, including but not limited to unwelcome sexual advances; requests for sexual favors; or other verbal or nonverbal conduct of a sexual nature, including rape, sexual violence, sexual assault, and sexual exploitation. In addition, depending on the facts, dating violence, domestic violence, and stalking may be also be forms of sexual harassment.

N  Sexual Violence is a broader term than sexual assault. The term encompasses sexual homicide, rape, incest, molestation, fondling, stalking, intimate partner violence, and verbal harassment of a sexual nature. Sexual violence includes creating an environment that feels unsafe based on sexual messages or images. Sexual violence is a sexual act that is completed or attempted against a victim’s will or when a victim is unable to consent due to age, illness, disability, or the influence of alcohol or other drugs. The act may involve actual or threatened physical force, use of weapons, coercion, intimidation or pressure.

O  Stalking includes repeatedly following, harassing, threatening, or intimidating another by telephone, mail, electronic communication, social media, or any other action, device, or method that purposely or knowingly causes substantial emotional distress or reasonable fear of bodily injury or death to the targeted person or a member of their family.

 SANCTIONS

Following an investigation by the Title IX Coordinator, or designee, and/or hearing before the Hearing Committee the following sanctions may be imposed, if the available information indicates that a violation has occurred:

A  Reprimand—A written warning documenting that the student violated a student conduct regulation and indicating that subsequent violations could result in more serious disciplinary sanctions.

B  Special Conditions—Completion of a variety of educational activities, relating to the nature of the offense may be imposed. Examples include, but are not limited to, the following: a formal apology, an essay or paper on a designated topic, or participation in a special project or activity.

C  Disciplinary Probation--A written reprimand documenting that the student violated a student conduct regulation. Probation is for a specified period of time and it serves as a warning that subsequent violations could most likely result in more serious disciplinary sanctions.

D  Loss of Privileges-- Suspension or termination of particular student privileges.

E  Suspension from the college—Separation from the college for a specified period of time. Suspended students will not receive academic credit for the semester in which the suspension was imposed. During the suspension period, the student may not return to the campus unless prior permission by the Chief Student Services Officer, or designee, has been granted.

F  Expulsion from the college--Permanent separation from the college. An expelled student may not return to the campus unless prior permission by the Chief Student Services Officer, or designee, has been granted. An expelled student will not receive academic credit for the semester in which the expulsion was imposed.
FORMAL RESOLUTION PROCESS

A. PRELIMINARY INVESTIGATION
Within five (5) instructional weekdays after the charge has been filed, the Title IX Coordinator, or designee, shall complete a preliminary investigation of the charge and schedule a meeting with the alleged violator (Respondent) and, if needed, the Complainant. During the pendency of the investigation, the college will take reasonable measures to ensure the requirements of any judicial no-contact, restraining, or protective orders are followed while the Complainant is engaged in school activities. After discussing the alleged infraction with the Respondent and reviewing available information, the Title IX Coordinator, or designee will decide whether the information presented during the meeting indicates that a violation occurred. When the Respondent cannot be reached to schedule an appointment or when the Complainant fails to attend the meeting, the Title IX Coordinator, or designee, will base the decision upon the available information.

B. SANCTIONING
If the available information indicates that a violation has occurred, then one of the following sanctions outlined in Section III will be imposed.

C. NOTIFICATION OF RESOLUTION
Within five (5) instructional weekdays of completion of the preliminary investigation, the Title IX Coordinator, or designee, will send a certified letter to the Respondent and to the Complainant. This letter will confirm the date of the preliminary hearing, identify the specific regulation(s) that the Respondent allegedly violated, identify the decision, summarize the rationale, and, if the Respondent violated the regulation(s), state the sanction that was imposed. This letter must also state that if the Respondent or the Complainant disagrees with the decision or the sanction, either party may request a hearing before the Hearing Committee, that the request must be submitted no later than two (2) instructional weekdays after receiving the decision letter unless a request is made and approved by the Title IX Coordinator, or designee, for an extension, and that any decision made and sanction imposed after the preliminary investigation may be held in abeyance pending the outcome of the Hearing Committee’s meeting. Under exceptional circumstances, the Title IX coordinator, or designee may extend the timeframe of the investigation and hearing process.

D. HEARING
If it is determined by the Title IX Coordinator, or designee, that the alleged violation occurred and that a hearing is necessary or if a hearing is requested, the Title IX Coordinator, or designee, shall refer the matter to the Hearing Committee together with a report of the nature of the alleged misconduct, the name of the person(s) filing the complaint(s), the name of the student against whom the charge(s) has (have) been filed, and a summary of the findings from the preliminary investigation. The Title IX coordinator, or designee, will also take steps, where necessary, to prevent the further harassment of or retaliation against the Complainant, the victim (if not the Complainant), or third parties, such as informing them about how to report subsequent problems, following up with them to ensure that there are no subsequent problems, providing trainings for the school community, and providing sexual harassment or sexual assault or other counseling to the Complainant. The Title IX Coordinator, or designee, where appropriate, will ensure the Complainant is aware of available resources such as victim advocacy, housing assistance, academic support, counseling, disability services, health and mental health services, and legal assistance. The Title IX Coordinator, or designee, where appropriate, will also take steps to prevent the harassment of the Respondent. Furthermore, the Title IX Coordinator, or designee will take prompt corrective action if the Complainant or the victim (if not the Complainant) experiences retaliation or is subjected to further sexual harassment or sexual assault or if the original sanctions imposed on the Respondent are ineffective to protect the safety and well-being of the Complainant, the victim (if not the Complainant), or other members of the Technical College community. In cases involving sexual harassment, the Title IX Coordinator, or designee, will also take reasonable steps to eliminate any hostile environment that has been created, such as conducting trainings and disseminating informational materials. In taking the above- outlined steps, the Title IX Coordinator, or designee, will make every reasonable effort to minimize the burden on the Complainant and/or alleged victim.

At least seven (7) instructional weekdays before the date set for the Hearing Committee’s meeting, the Title IX Coordinator, or designee, shall send a certified letter to the Respondent’s address of record and to the Complainant’s address of record. The letter must contain the following information:
A. A statement of the charge(s).

B. A brief description of the incident that led to the charge(s).

C. The name of the person(s) submitting the incident report.

D. The date, time, and place of the scheduled hearing.

E. Identification of the members and chair of the Hearing Committee.

F. A list of all witnesses who might be called to testify.

G. A statement of each party’s procedural rights. These rights follow:
   - The right to consult counsel. This role of the person acting as counsel is solely to advise the student. Counsel may not address the Hearing Committee or participate in any of the questioning. The student has the responsibility for paying any of the counsel’s fees and any other of the counsel’s charges.
   - The right to present witnesses on one’s behalf.
   - The right to know the names of any witnesses who may be called to testify at the hearing.
   - The right to review all available evidence, documents, exhibits, etc., that may be presented at the hearing.
   - The right to present evidence; however, the Hearing Committee will determine what evidence is admissible.
   - The right to know the identity of the person(s) bringing the charge(s).
   - The right to hear witnesses on behalf of the person bringing the charges.
   - The right to testify or to refuse to testify without such refusal being detrimental to the student.

The right to challenge the participation of any member of the Hearing Panel by submitting a written objection to the assigned Title IX Coordinator within three (3) days of notification. Such an objection must state the specific reason(s) for the objection. The Title IX Coordinator will evaluate the objection and determine whether to alter the composition. Any changes in the composition of the Hearing Panel will be provided in writing to both parties prior to the date of the first hearing.

- The right to a fair and impartial decision.
- The right to appeal the Hearing Committee’s decision.

2. On prior to the expiration of the seven (7) day advance notification period if the Title IX Coordinator, or designee, concurs with this change.

3. The chairperson of the Hearing Committee, in his/her discretion, may postpone the hearing due to circumstances beyond the control of the parties.

E. APPEAL

If either student disagrees with the decision or, only in the cases involving charges of sexual violence, the sanction, the student may submit a written appeal to the college’s President. This letter must be submitted within ten (10) instructional weekdays of the date on which the Hearing Committee communicated its decision to the parties involved. The written appeal must include a statement indicating why the student disagrees with the Hearing Committee’s findings.

The President, or designee, shall review the Hearing Committee’s findings, conduct whatever additional inquiries as deemed necessary, and render a decision within ten (10) instructional weekdays of receiving the appeal. The President, whose decision is final, shall have the authority to approve, modify, or overturn the Hearing Committee’s decisions and, if needed, void the process and reconvene another Hearing Committee.

The President, or designee, will inform each student about the outcome of the appeal in a certified letter sent to the student’s address of record.
INFORMAL RESOLUTION/MEDIATION PROCESS

At any time before the Hearing Committee provides notice of the Complainant’s hearing, the Complainant may elect to resolve his or her Complaint through the informal resolution (mediation) process, provided that (1) the Respondent agrees to such resolution, (2) the Complainant and the Respondent are both students, (3) the Title IX Coordinator, or designee, determines that informal resolution is an appropriate mechanism for resolving the Complaint, and (4) the Complaint does not involve sexual assault, sexual exploitation, and sexual violence. Otherwise, a Complaint that is not closed pursuant to the Title IX Coordinator’s, or designee’s, evaluation of the Investigative Report will proceed to formal resolution.

At any time prior to the date of his or her designated hearing, the Respondent may elect to acknowledge his or her actions and take responsibility for the alleged sexual harassment or sexual assault, sexual exploitation, and sexual violence. In such a situation, the Title IX Coordinator will propose sanction(s). If the Complainant or the Respondent objects to such proposed sanction(s), then a Hearing Committee will convene for the exclusive purpose of determining a sanction, which determination may be subject to appeal.

Informal resolution may not be selected for less than all of the misconduct alleged in the Complaint. If the parties agree to informal resolution (and informal resolution is appropriate for all the claims at issue), then all of the claims must be resolved according to the informal resolution process.

The Complainant and Respondent both have the right to terminate the informal resolution process at any time and proceed with formal resolution. Furthermore, the Title IX Coordinator, or designee, may, where, appropriate, terminate or decline to initiate informal resolution, and proceed with formal resolution instead. In such cases, statements or disclosures made by the parties in the course of the informal resolution process may be considered in the subsequent formal resolution proceedings.

A The Title IX Coordinator, or designee, will appoint a Mediator to oversee the mediation process.

B Notice of the Mediation- Promptly after the Title IX Coordinator, or designee has appointed the Mediator; the Title IX Coordinator, or designee will provide concurrent written notice to the Complainant and the Respondent, setting forth 1.) the date, time, and location of the mediation; 2.) the name of the individual selected to serve as the Mediator.

C No Contact—Parties may not contact each other outside of the mediation, even to discuss the mediation.

D Attendance- Both the Complainant and the Respondent are expected to attend the mediation. If either party fails to appear at the mediation, and such party was provided proper notice of the mediation as set forth above, the Mediator may either direct that resolution of the Complaint to be determined according to the formal resolution process set forth above, or if the Complainant fails to appear without good cause, dismiss the Complaint.

E The Mediation

1 The Complainant’s Rights. During the mediation the Complainant may:

○ Confront the Respondent in the presence of, and facilitated by, the Mediator

○ Communicate his or her feelings and perceptions regarding the incident and the impact of the incident either by communicating directly with the Respondent or by communicating indirectly with the Respondent through the Presiding Officer and/or

○ Relay his or her wishes and expectations regarding protection in the future.

2 Counsel and Advisors

○ Legal Counsel- Under no circumstances may legal counsel be present at the mediation on behalf of the alleged Complainant or Respondent. The College, however, may seek advice from legal counsel on questions of law and procedure through the mediation process.

○ Other Advisors- Absent accommodation for disability, the parties may not be accompanied by an advisor during the mediation.

3 Resolution

During the mediation, the Presiding Officer will attempt to facilitate the parties’ resolution of the Complaint. If the mediation results in a resolution between the parties and the Title IX Coordinator, or designee, finds the resolution to be appropriate under the circumstances (giving consideration to the extent to which the resolution will protect the safety of the Complainant and entire college community), the informal disciplinary procedure will be concluded, and the complaint will be closed. If such a resolution is reached, the terms of the
resolution shall be committed to writing and signed by all parties. If the parties are unable to reach a resolution, the formal resolution process outlined above will promptly commence.

4 Revocation
Any party bound by a resolution reached during mediation shall have the right to revoke the written mediation agreement provided such revocation is in writing and received by the Title IX Coordinator, or designee, no later than the close of business on the fifth day after full execution of the agreement.

Privacy and Disclosure. In order to comply with FERPA and Title IX and to provide an orderly process for the presentation and consideration of relevant information without undue intimidation or pressure, the informal resolution process is not open to the general public. Accordingly, documents prepared in anticipation of the mediation and other information introduced at the mediation may not be disclosed outside of the mediation, except as may be required or authorized by law.

Documentation. The college will retain any documentation of the mediation for at least seven (7) years.

HEARING COMMITTEE

The Hearing Committee shall be composed of the following:

A Five (5) faculty and/or staff members and one (1) Ex Officio nonvoting member appointed by the Title IX Coordinator, or designee.

B All cases are decided by a majority vote. In extenuating circumstances hearings may move forward with three (3) members.

C The Title IX Coordinator, or designee, will designate one (1) member of the Hearing Committee as the Chair.

The Hearing Committee shall perform the following functions:

A Hear cases of alleged violations of the Code of Student Conduct.

B Insure that the student’s procedural rights are met.

C Make decisions based only on evidence and information presented at the hearing.

D Determine sanctions, giving consideration to whether a given sanction will (a) bring an end to the violation in question, (b) reasonably prevent a recurrence of a similar violation, and (c) remedy the effects of the violation.

E Provide the student with a statement of the committee’s decision including findings of fact and, if applicable, impose one or more of the sanctions outlined in Section III.

Hearing Committee Meetings

A The chair shall be appointed by the Title IX Coordinator, or designee, from among the membership of the Committee. Ex officio members of the committee may not serve as the chair of the committee.

B Committee hearings shall be closed to all persons except the student, the person(s) initiating the charge(s), counsels for any student and for the college, witnesses who will be invited into the hearing and a person, mutually agreed upon by the Committee and the student(s), to serve as the recorder.

C The Committee may identify someone to take written notes and the committee will have the hearing, with the exception of deliberations, recorded. No other party in the hearing may record the proceedings, and no other party is entitled to a copy of the notes or the recording. The written notes and the recording will be maintained in the office of the Title IX Coordinator. The student may review the notes and listen to the recording under the supervision of the Title IX Coordinator or designee.

D Witnesses shall be called in one at a time to make a statement and to respond to questions.

E After hearing all of the information, the Hearing Committee will go begin its deliberations. Using the “preponderance of evidence” standard, which means that it is more likely than not that the violation, occurred, the members will determine, by majority vote, whether the violation occurred. If it is determined that the violation occurred, by majority vote, the members will decide upon the appropriate sanction.

F The Chair of the Hearing Committee will send a certified letter to the Respondent’s and to the Complainant’s addresses of record within two (2) instructional weekdays of the Committee’s decision. The letter shall inform the students about the Committee’s decision, the date of the decision, and, if applicable the sanction(s) imposed. The letter will also inform each recipient about the appeal process.

1 When the case results in a finding that the student engaged in an act of sexual violence, the Chair’s letter to the Complainant will also include the sanction imposed by the Hearing Committee.
When the case results in a finding that the student engaged in an act of non-violent sexual harassment, the Chair’s letter to the Complainant will only include the sanction imposed by the Hearing Committee if the sanction directly relates to the Complainant (e.g., the violator has been directed to stay away from the Complainant while on the college’s campus).

VII. CONFIDENTIALITY AND PRIVACY

The college will protect Complainants’ privacy to the extent possible under the law. In some situations, including those in which disciplinary action is a possible outcome, due process may require disclosure of information to persons accused.

The college will make every reasonable effort to abide by Complainants’ wishes to remain anonymous; however, the college will balance requests for anonymity/confidentiality with the safety of other members of the community. Factors that will be considered in determining whether to disclose a complaint or report of misconduct to a respondent include: the seriousness of the alleged conduct; the Complainant’s age; whether there have been other complaints about the same individual; and the alleged violator’s rights to receive information about the allegations if the information is maintained by the school as an “education record” under the Family Educational Rights and Privacy Act (FERPA). All hearings closed to all persons except those referenced in hearing section (VI, “Hearing Committee Meetings”).

VIII. AMNESTY FOR DRUG AND ALCOHOL POSSESSION AND CONSUMPTION VIOLATIONS

Students are encouraged to report instances of sex-based discrimination, sexual harassment, and sexual harassment or sexual assault involving students. Therefore, students who report information about sex-based discrimination, sexual harassment, or sexual harassment or sexual assault involving students will not be disciplined by the college for any violation of the college’s drug or alcohol possession or consumption policies in which they might have engaged in connection with the report.
STUDENT GRIEVANCE PROCEDURE

PURPOSE

The purpose of the student grievance procedure is to provide a system to channel and resolve student complaints against a college employee concerning decisions made or actions taken. A decision or action can be grieved only if it involves a misapplication of a college’s policies, procedures, or regulations, or a state or federal law. This procedure may not be used in the following instances: 1) to grieve a claim against a college employee for any matter unrelated to the employee’s role or position at the college; 2) for complaints or appeals of grades awarded in a class or for an assignment, unless the complaint is based upon alleged discrimination on the basis of age, gender, race, disability or veteran’s status or on the basis of alleged sexual harassment; or 3) to grieve a decision for which other grievance or appeal procedures exist (e.g., appeal of a disciplinary case, a residency appeal, a financial aid appeal, FERPA grievances, transfer credit evaluations, etc.).

The student filing the grievance must have been enrolled at the college at the time of decision or action being grieved and must be the victim of the alleged mistreatment. A grievance cannot be filed on behalf of another person.

GRIEVANCE PROCESS

Filing a Complaint

This procedure must be initiated by the student within 30 instructional weekdays of becoming aware of the decision, action, or event giving rise to the grievance. This time limit may be extended by the President or his/her designee, if the student requests an extension within the 30 day period.

Before initiating the Student Grievance process, a student may go to the college employee who originated the alleged problem and attempt to resolve the matter informally. In instances alleging discrimination or harassment, including sexual harassment and violence, the student is not required to initially try to resolve the matter with the person alleged to have committed the violation under this policy. Where applicable, if the student is not satisfied with the outcome of this meeting or if the student prefers to ignore this step, then the student may file a written complaint and initiate the grievance process. This written complaint

DEFINITIONS

When used in this document, unless the content requires other meaning,

“College” means Aiken Technical College, a member of the South Carolina Technical College System.

“President” means the chief executive officer of the college.

“Administrative Officer” means anyone designated at the college as being on the administrative staff, such as the President, Chief Academic Officer, Chief Student Services Officer, etc.

“Chief Student Services Officer” means the Administrative Officer at the College who has overall management responsibility for student services or his/her designee.

“Chief Academic Officer” means the Administrative Officer at the College who has overall management responsibility for academic programs and services or his/her designee.

“Grievable Act or Decision” means a misapplication of a college’s policies, procedures, or regulations, or a violation of a state or federal law.

“Days” means an instructional weekday, excluding Saturday and Sunday and all days in which the college is closed.

“Student” means a person taking any course(s) offered by the college.

“Instructor” means any person employed by the college to conduct classes.

“Staff” means any person employed by the college for reasons other than conducting classes.

“Campus” means any place where the college conducts or sponsors educational, public service, or research activities.
should describe the decision or action that is being grieved, the date of the decision or action, and the college employee(s) involved in the decision or action.

Written complaints about alleged discrimination or harassment on the basis of age, gender, race, color, national origin, disability or veteran's status and written complaints about alleged sexual harassment or violence shall be submitted to the employee(s) designated in the college’s Statement of Nondiscrimination to coordinate Section 504, Title II, and Title IX compliance.

Written complaints about decisions and actions not related to discrimination on the basis of age, gender, race, disability, veteran’s status, or sexual harassment shall be submitted to the college’s Chief Student Services Officer.

Any written complaint naming the college’s President as the person whose alleged action or decision originated the problem shall be submitted to the President of the South Carolina Technical College System.

Pre-Hearing

The person receiving the student’s written complaint will send a written acknowledgement to the student no later than two instructional weekdays after receiving the written complaint.

The person receiving the complaint will forward the complaint to the immediate supervisor of the employee named in the complaint no later than two instructional weekdays after it has been received. When the President is named in the complaint, the South Carolina Technical College System’s Vice President for Academic Affairs will be responsible for the pre-hearing.

As a part of the effort to resolve the matter, the supervisor, or the South Carolina Technical College System’s Vice President for Academic Affairs, will consult, as needed, with the employee named in the complaint, the student filing the complaint, and Chief Administrative Officer of the division or component concerned.

The supervisor, or the South Carolina Technical College System’s Vice President for Academic Affairs, shall respond in writing to the student within ten instructional weekdays of receipt of the complaint. The response, sent by certified mail, shall include a summary of the findings and, as needed propose the steps that shall be taken to resolve the complaint. If the student does not agree with the proposed resolution, the student may request to have the complaint heard by the Student Grievance Committee.

When the College’s President is named in the complaint, the President of the South Carolina Technical College System will convene a three person ad hoc committee consisting of System Presidents to hear the student’s complaint.

Student Grievance Hearing

REQUESTING A HEARING

A The student must submit a written request for a Grievance Hearing to the Chief Student Services Officer within five instructional weekdays after receiving the supervisor’s written response and no later than fifteen instructional days after the supervisor sent the summary of findings. The request must include a copy of the student’s original written complaint, a copy of the supervisor’s response, and a statement describing why the supervisor’s response was unsatisfactory.

B If the student does not submit the written request for a hearing within fifteen instructional weekdays, and the student can demonstrate that extenuating circumstances resulted in the failure to meet this deadline, the Chief Student Services Officer may allow the hearing to take place.

C Within two instructional days of receiving the request for a hearing, the Chief Student Services Officer shall notify the President or, as appropriate, the System President about the need to convene a Student Grievance Committee or an ad hoc committee of System Presidents. These committees shall be formed to hear specific complaints and a new committee may be formed each time a grievance covered by this procedure is filed.

GRIEVANCE COMMITTEES

A Student Grievance Committee—The President must approve all recommended members. The committee shall be composed of the following:

1. Three students recommended by the governing body of the student body.
2. Two faculty members recommended by the Chief Academic Officer.
3. One Student Services staff member recommended by the Chief Student Services Officer.
4. One administrator, other than the Chief Student Services Officer, to serve as the Committee’s chairperson.
5. The Chief Student Services Officer, or designee, who serves as an ex-officio, nonvoting member of the committee.

B Ad hoc Committee of Presidents—The President of the South Carolina Technical College System will select three System Presidents to serve on this committee and identify one of the three Presidents to serve as the chairperson for the hearing.

C The Chief Student Services Officer, or designee, will send copies of the student’s request for a hearing to the committee members, the employee, and the
employee’s supervisor. The employee against whom the grievance was filed has an opportunity to submit his/her response to the request for a hearing to the Committee prior to the hearing.

D The Student Grievance Committee’s meeting(s) shall be conducted within twenty-one instructional weekdays following the date of the request. The chairperson may grant a postponement if either party submits a written request no later than five instructional weekdays prior to the scheduled meeting. The chairperson of the Student Grievance Committee, in his/her discretion, may postpone the hearing due to circumstances beyond the control of the parties. The re-scheduled hearing must take place within ten instructional weekdays of the date of the previously scheduled hearing.

HEARING PROCEDURES

A The Chief Student Services Officer, or designee, shall send a certified letter to the student filing the complaint and to the employee(s) named in the complaint at least five instructional weekdays before the scheduled hearing. This letter shall include:

1. A brief description of the complaint, including the name of the person filing the complaint;
2. The date, time, and location of the meeting;
3. The name of any person who might be called as a witness.
4. A list of the student’s procedural rights. These rights follow:
   - The right to review all available evidence, documents or exhibits that each party may present at the meeting. This review must take place under the supervision of the Chief Student Services Officer, or designee.
   - The right to appear before the Hearing Committee and to present information and additional evidence, subject to the Committee’s judgment that the evidence is relevant to the hearing.
   - The right to consult with consul. This person serving as consul may not address the committee, question the employee(s) named in the complaint, or any witnesses. The student will be responsible for paying any fees charged by the advisor.
   - The right to present witnesses who have information relating to the complaint. Witnesses will be dismissed after presenting the information and responding to questions posed by the Grievance Committee, the student filing the complaint, and the employee(s) named in the complaint.

B At least ten (10) instructional weekdays before the scheduled hearing the parties must submit the names of persons that the parties anticipate calling as witnesses as well as any evidence that the parties intend to introduce at the hearing.

C Hearings are closed to the public. When testimony is being given, only the committee members, the student and his/her advisor, the employee and his/her advisor, and the witness giving testimony may be present. During deliberations, only the members of the Committee may be present.

D Hearings are informal and a tape recording of the testimony presented during the hearing may be made. The Committee’s deliberations are not tape recorded. After resolution of the appeal, the tape recording will be kept for three months in the office of the Chief Student Services Officer, or designee. The student filing the complaint or the employee(s) named in the complaint may listen to this tape recording under the supervision of the Chief Student Services Officer, or designee.

E The Committee may question the student and the employee(s). The Committee may also question the employee’s (employees’) supervisor(s) and any additional witnesses that it considers necessary to render a fair decision. Questions must be relevant to the issues of the grievance.

F Both parties to the grievance may ask questions of the other during the hearing. These questions must be relevant to the issues stated in the written complaint. The Chairperson of the Committee will determine the appropriateness of the questions.

G The Committee bears the burden of determining whether the allegations are supported by the information available through the hearing. The Committee will use a preponderance of the evidence standard in making this determination.

H The Committee shall decide the solution of the grievance by a majority vote. In case of a tie, the chairperson may vote.

I The chairperson shall forward a copy of the Committee’s decision to the student filing the complaint and to the employee(s) named in the complaint within two instructional weekdays of the Committee’s decision. This letter will include a rationale for the Committee’s decision and inform the student and employee(s) that they have a right to appeal the Committee’s decision.
APPEAL PROCESS

If either party is not satisfied with the Student Grievance Committee’s decision, that person may submit a written appeal to the President of the College within ten instructional weekdays of the Committee’s decision. The written appeal must include a statement indicating why the person was not satisfied with the committee’s decision. The President shall review the Committee’s findings, conduct whatever additional inquiries are deemed necessary and render a decision within ten instructional weekdays of receipt of the appeal. The President’s decision is final and this decision cannot be the sole reason for filing a grievance against the President.

If either party is not satisfied with the System Office’s ad hoc Committee of System Presidents’ decision, that person may submit a written appeal to the President of the South Carolina Technical College System within ten instructional weekdays of the Committee’s decision. The written appeal must include a statement indicating why the person was not satisfied with the Committee’s decision. The System President shall review the Committee’s findings, conduct whatever additional inquiries are deemed necessary and render a decision within ten instructional weekdays of receipt of the appeal. The System President’s decision is final.
DEFINITIONS OF ONLINE, HYBRID, AND SUPPLEMENTAL COURSES

ONLINE
The course is 100% online. Students taking an online class must have reliable access to a computer with an internet connection to take the course because the entire grade will depend on work that can only be completed online. Students may have to come to campus to utilize college resources, such as the Academic Success Center or Learning Resource Center. These classes are indicated in the schedule with a section code that ends in 67.

HYBRID
This is considered a blended course. A hybrid class trades about 50% of its traditional campus contact hours for online work. Students must have reliable access to a computer with an internet connection because 50% of the grade will depend on work that can only be completed online. These classes are indicated in the schedule with a section code that ends in 51.

SUPPLEMENTAL
Instructors teaching scheduled on-campus classes have the option to use the college’s course management system as a supplement to their class. At a minimum, these instructors provide a syllabus addendum, course information, and instructor contact information online. The course itself is delivered in a traditional face-to-face setting with no reduction in the usual face-to-face meeting time or number of meetings.

PROCTORED FINAL EXAMS
Students enrolled in online courses will be required to take their final exam either on campus or at a college-approved proctoring site.

If the student lives within 60 miles of campus, the student will take his or her final exam on campus. The instructor will inform students of the time and location of the exam. The student must present a current issued photo ID on the day of the exam. If the student is unable to be on campus at that time, the student must make alternate arrangements with the instructor.
If the student lives more than 60 miles away from campus, the student may elect to take the final exam with a college-approved proctor. Students in South Carolina can take their final exam at the testing center of the nearest Technical College. Students outside of South Carolina must submit a Proctor Agreement Form at least three weeks prior to the final exam. The student is responsible for taking the exam on the scheduled date/time. The student is responsible for any costs associated with the use of the off-campus proctor site.

**ONLINE ATTENDANCE POLICY**

The student is required to login to the course by the end of the Add/Drop period and communicate as the instructor directs to verify attendance. At the end of the Add/Drop period, the instructor will drop the student from the course if there is no evidence of activity from the student. Except in extenuating circumstances, and with the approval of the appropriate dean, instructors drop students from the class when 80% attendance is not maintained. Attendance in an online course is defined by correspondence as required by the instructor. After any three weeks of no communication or no access, the student will be dropped from the course. The instructor will assign a grade of “W” or “WF” based upon the student’s academic standing as of the last date of attendance, which is the date of last login.

Students wishing to withdraw from the course must follow the current ATC policy on withdrawals and refunds.
DRUG & ALCOHOL POLICY

ALCOHOL AND OTHER DRUG USE

It is the policy of the South Carolina Technical College System to provide a drug free, healthful, safe and secure work and educational environment. Employees and students are required and expected to report to their work, class, or student activities in appropriate mental and physical condition to meet the requirements and expectations of their respective roles.

The South Carolina Technical College System prohibits the unlawful manufacture, distribution, dispensation, possession or use of narcotics, drugs, other controlled substances and the use of alcohol at the workplace and in the educational setting. "Unlawful for these purposes" means in violation of federal/state/local regulations, policy, procedures, rules, as well as legal statutes. For purposes of this policy, “workplace” means either on agency premises or while conducting agency or college business away from the agency or college premises. Educational setting includes both institutional premises or in approved educational sites off campus.

In order to prevent the consequences of alcohol and other drug abuse at the workplace and in the educational setting, the South Carolina Technical College System has implemented this policy to ensure a drug-free work and educational environment.

The South Carolina Technical College System recognizes that chemical dependency through use of controlled or uncontrolled substances, including alcohol, is a treatable illness. The agency supports and recommends employee and student rehabilitation and assistance programs and encourages employees and students to use such programs.

All locations will also implement drug-free awareness programs for employees and students. Such programs will annually ensure that employees and students are aware that:

1. Alcohol and other drug abuse at the workplace and in the educational setting is dangerous because it leads to physical impairment, loss of judgment, safety violations and the risk of injury, poor health, or even death. Health risks and effects of controlled substances and alcohol will be provided to students and employees.

2. Alcohol and other drug abuse can also significantly lower performance on the job and in the classroom, thus impacting on the agency and the college mission as well as seriously affect the student’s educational and career goals.
Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increase the incidence of a variety of aggressive acts, including spouse and child abuse. Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person’s ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicates that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics.
# Controlled Substances - Effects & Health Risks

<table>
<thead>
<tr>
<th>Drug</th>
<th>Some Trade Or Other Names</th>
<th>Dependence</th>
<th>Possible Effects</th>
<th>Effects Of Overdose</th>
<th>Withdrawal Syndrome</th>
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</thead>
<tbody>
<tr>
<td><strong>NARCOTICS</strong></td>
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<tr>
<td>Opium</td>
<td>Dover’s Powder, Paregoric, Parapectolin</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Morphine</td>
<td>Morphine MS-Contin Roxanol, Roxanol-SR</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Codeine</td>
<td>Tylenol/Empirin/Florinal w/Codeine</td>
<td>Moderate</td>
<td>Moderate</td>
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<tr>
<td>Heroin</td>
<td>Diacetylmorphine, Horse, Smack</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Hydromorphone</td>
<td>Dilaudid</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Meperidine (Pethidine)</td>
<td>Demerol, Mepergan</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Methadon</td>
<td>Dolophine, Methadone, Methadose</td>
<td>High-Low</td>
<td>High-Low</td>
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<tr>
<td>Other Narcotics</td>
<td>Numorphan, Percodan, Percocet, Tylox, Tussionex, Fentanyl, Darvon, Lomotil, Talwin</td>
<td>High-Low</td>
<td>High-Low</td>
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<tr>
<td><strong>DEPRESSANTS</strong></td>
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<tr>
<td>Chloral Hydrate</td>
<td>Noectc</td>
<td>Moderate</td>
<td>Moderate</td>
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<tr>
<td>Barbituates</td>
<td>Amytal, Butisol, Florinal, Lotusate, Nembutal, Seconal, Tyinal, Phenobarbital</td>
<td>High-Moderate</td>
<td>High-Moderate</td>
<td></td>
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<tr>
<td>Benzodiazepines</td>
<td>Ativan, Dalmane, Diazepam, Librium, Xanax, Valium, Tranxene, Verstran, Halcion, Cerax, Paxipam</td>
<td>Low</td>
<td>Low</td>
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<tr>
<td>Methaqualone</td>
<td>Quaalude</td>
<td>High</td>
<td>High</td>
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<tr>
<td>Glutethimide</td>
<td>Doriden</td>
<td>High</td>
<td>Moderate</td>
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<tr>
<td>Other Depressants</td>
<td>Equanil, Miltown, Noludar, Placidyl, Valmid</td>
<td>Moderate</td>
<td>Moderate</td>
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<tr>
<td><strong>STIMULANTS</strong></td>
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<tr>
<td>Cocaine</td>
<td>Coke, Flake, Snow, Crack</td>
<td>Possible</td>
<td>High</td>
<td>Increases alertness, excitement, euphoria, increased pulse rate &amp; blood pressure, insomnia, loss of appetite</td>
<td>Agitation, increase in body temperature, hallucinations, possible death</td>
</tr>
<tr>
<td>Amphetamines</td>
<td>Biphetamine, Delcose, Desoxyn, Dextrazine, Obetrol</td>
<td>Possible</td>
<td>High</td>
<td>Apathy, long periods of sleep, irritability, depression, disorientation</td>
<td></td>
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<tr>
<td>Phenmetrazine</td>
<td>Preludin</td>
<td>Possible</td>
<td>High</td>
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<tr>
<td>Methylphenidate</td>
<td>Ritalin</td>
<td>Possible</td>
<td>Moderate</td>
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<tr>
<td>Other Stimulants</td>
<td>Adipex, Cylert, Didrex, Ionamin, Melfiat, Plegine, Sanorex, Tenuate, Tepanil, Prelu-2</td>
<td>Possible</td>
<td>High</td>
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<tr>
<td><strong>HALLUCINOGENS</strong></td>
<td></td>
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<tr>
<td>LSD</td>
<td>Acid, Microdot</td>
<td>None</td>
<td>Unknown</td>
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<tr>
<td>Mescaline and Peyote</td>
<td>Mexc, Buttons, Cactus</td>
<td>None</td>
<td>Unknown</td>
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<tr>
<td>Amphetamine Variants</td>
<td>25-DMA, PMA, STP, MDA, MDMA, TMA, DOM, DOB</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Phencyclidine</td>
<td>PCP, Angel Dust, Hog</td>
<td>Unknown</td>
<td>High</td>
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<tr>
<td>Phencyclidine Analogues</td>
<td>PCE, PCPy, TCP</td>
<td>Unknown</td>
<td>High</td>
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<tr>
<td>Other Hallucinogens</td>
<td>Bufotenine, Ibogaine, DMT, DET, Psilocybin, Psilocyn</td>
<td>None</td>
<td>Unknown</td>
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<tr>
<td><strong>CANNABIS</strong></td>
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<tr>
<td>Marijuana</td>
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<tr>
<td>Tetrahydrocannabinol</td>
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<tr>
<td>Hashish</td>
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<tr>
<td>Hashish Oil</td>
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**SC Alcohol Laws**

**Purchase on Behalf of One Who Cannot Lawfully Buy**
It is against the law to buy or give beer, wine, and/or alcohol to anyone who cannot buy it for themselves.

**Penalty:** Fine up to $200 or confinement up to 30 days and mandatory driver’s license suspension of 90 days - 6 months.

(Code 61-9-60)

**Purchase/Possession by a Minor/Misrepresenting Age**
It is against the law to drink or possess any form of alcoholic beverage if you are under the age of 21. It is also against the law to lie or furnish false information concerning age in order to obtain any form of alcoholic beverage.

**Penalty:** Fine up $200 for first offense and mandatory driver’s license suspension of 90 days - 6 months.

(Code 20-7-370/380, 61-9 -50)

**Transference of Beer or Wine**
It is against the law to give or transfer beer or wine to anyone under the age of 21. This includes serving anyone in your home except your child or spouse.

**Penalty:** Fine up to $200 or confinement up to 30 days.

(Code 61-13-287)

**Contributing to the Delinquency of a Minor**
It is against the law for any person over 18 to knowingly and willfully influence a minor to violate any law or municipal ordinance.

**Penalty:** Fine up to $3,000 and/or confinement up to three years.

(Code 16-17-490)

**Possession of Beer, Wine, or Liquor**
It is against the law to possess beer, wine, or liquor if you are under the age of 21. This includes opened or unopened containers of alcoholic beverage in actual possession or in your immediate surroundings.

**Penalty:** Fine up to $100 or confinement up to 30 days and mandatory driver’s license suspension of 90 days - 6 months.

(Code 61-9-87, 20-7-370/380)

**Sale to Person Under Age**
It is against the law to sell beer, ale, or wine to anyone under 21 years old.

**Penalty:** Fine up to $200 or confinement up to 60 days.

(Code 61-9 -40)

**Disorderly Conduct**
Students found on any public highway or in any public place who are intoxicated or disorderly may be charged with disorderly conduct.

**Penalty:** Fine up to $100 or confinement up to 30 days.

(Code 16-17-530)

**Alteration and Fraudulent Use of License**

It is against the law to lend, issue, sell or use your license or anyone’s license or a fictitious license (fake ID) for an unlawful purpose.

**Penalty:** First offense fine up to $200 and or confinement up to 30 days, and mandatory driver’s license suspension for 90 days - 6 months.

(Code 56-1-510/515, 61-9 -50)

**Driving Under the Influence (DUI)**
It is unlawful for persons under the influence of alcohol or other drugs to drive.

**Penalty:** Not less than $200 fine; imprisonment up to 5 years; driver license suspension 6 months - permanent.

(Code 56-1-1330,56-5-2930/2940/2990)

**Felony Driving Under the Influence**
If you cause bodily harm or death to someone while under the influence of alcohol, drugs or any combination, you are guilty of a felony DUI.

**Penalty:** for bodily harm, a mandatory fine up to $10,000 and mandatory confinement up to 10 years. For death, mandatory fine up to $25,000 and mandatory confinement up to 25 years.

(Code 56-5-2945)

**Consent for Testing**
Anyone who drives on South Carolina highways automatically has given consent to a breathalyser test if arrested. If you refuse to submit to a urine and/or blood test your driver’s license will be suspended. There is no law that states that you have to be given a driver’s license, provisional or temporary.

(Code 56-1-1330, 56-5-2930/294012950/2990)
**SC OTHER DRUG LAWS**

**POSSESSION AND DISTRIBUTION OF DRUGS**
It is illegal to have, to make, or to intend to distribute any controlled substance, i.e., cocaine, crack, marijuana, etc. **PENALTY:** Varies depending upon the circumstances under which the arrest was made and the amount of drugs. Fines up to $200,000, confinement up to 30 years, and mandatory driver’s license suspension for 6 months - 1 year. *(Code 44-53-370)*

**DISTRIBUTION OF CONTROLLED SUBSTANCE CLOSE TO A SCHOOL**
It is against the law and a separate offense to distribute, sell, make or have a controlled substance within a “specified” distance of schools, technical colleges, and/or colleges/universities. **PENALTY:** Fine up to $10,000, and/or confinement up to 10 years. *(Code 44-53-445)*

**POSSESSION OR SALE OF DRUG PARAPHERNALIA**
It is illegal to possess drug paraphernalia; paraphernalia includes, but is not limited to, such things as:
- “Roach clips” - Clips used by dentists to clip bibs around the necks of patients.
- “Bong” - Pipe that may or may not use water.
- “Carburetor” - Circulating tube with holes at each end. Tube may be made out of glass or metal. **PENALTY:** Fine up to $500 *(Code 44-53-391)*