



COASTAL CAROLINA
COMMUNITY COLLEGE

All You Need to Know for the

Industrial and Applied Technology Programs

At-A-Glance



Industrial and Applied Technology Programs – Limited Enrollment Programs

DEGREE PROGRAM	DESCRIPTION	PREPARES FOR EMPLOYMENT IN	ESTIMATED TOOL KIT*	DEGREES AVAILABLE			College Transfer Eligible**	Part-Time Evening Option
				AAS	DIPLOMA	CERTIFICATE		
Air Conditioning, Heating & Refrigeration Technology	Develop essential technical skills of refrigeration, heating, air conditioning, and ventilation for residential and commercial applications.	Residential, commercial, and refrigeration systems.	\$1,418	x	x	x	x	x
Architectural Technology	Develop drafting, design, AutoCAD, and 3D animation skills with a concentration in residential and light commercial applications.	Opportunities within architectural, engineering, and construction professions.	\$175	x	x	x	x	
Automotive Systems Technology	Develop key technical skills on vehicle systems such as OBD II, electronics, steering and suspension, brakes, and air conditioning.	Dealerships and repair shops. Prepares for ASE exam.	\$1,067.54		x	x		x
Collision Repair & Refinishing Technology	The program of instruction includes body shop operations and safety, structural analysis and straightening, non-structural damage repairs, refinishing techniques, auto body MIG welding, plastics repairs, and detailing.	Entry level positions in the collision repair industry in auto dealerships, independent collision repair shops, or self-employment.	\$1,201.42		x	x		
Diesel & Heavy Equipment Technology	Gain skills in the repair and maintenance of medium/heavy-duty diesel vehicles and equipment on systems of engines, brakes, electronics, and hydraulics.	Dealership, fleet shop, or independent garage as technician. Prepares for ASE exam.	\$10		x	x		
Electrical Systems Technology	The program provides training in the fundamentals of the electrical trade. Classroom and hands-on training enable the students to become proficient in the installation and maintenance of A/C & D/C motor drives, programmable logic controllers, industrial electrical controls, residential and commercial electrical systems.	The installation and maintenance of industrial electrical controls, residential and commercial electrical systems.	\$841.20		x	x		
Electronics Engineering Technology	Apply basic engineering principles and technical skills to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems.	Electronic/Electrical Field, Industrial, IT field as technician/engineering assistant to design, build, install, test, and repair equipment/systems.	\$10	x	x	x	x	
Welding Technology	Develop skills in oxy-fuel cutting and various welding processes to include SMAW, MIG, and TIG on plate and pipe.	Construction, manufacturing fabrication, sales, quality control, and supervision in welding and metal working industries.	\$841.94		x	x		

Important Reminders

- Industrial and Applied Technology programs are full-time, day-time schedules.
- Students are responsible for purchasing textbooks, tools, and supplemental materials for the program by the required deadline. Tool lists will be distributed upon acceptance into the program.
- Any student who is admitted to a limited enrollment program must take all required courses within the semester designated within the catalog of record.
- Admission priority is given to students seeking an Associate's Degree.
- Completion of related courses before entering an Industrial and Applied Technology program may effect a student's full-time status for Financial Aid and/or VA benefits.
- Industrial Technology grants are available to qualified Onslow County high school seniors. This grant will not cover tools or textbooks.
- RISE placement criteria can be used in lieu of a placement test.
- Student must attend Industrial Technology Orientation.
- There is no guaranteed admittance into any program for any applicant.

*Tool Kits are only estimates; prices of individual items may vary. Students may wish to purchase new tools or to use tools already owned.

**East Carolina University and the University of North Carolina Charlotte may accept AAS degrees for transfer purposes.

Placement Requirements for Industrial and Applied Technology AAS Programs:

Students interested in enrolling in **Air Conditioning, Heating & Refrigeration Technology (HVAC)** must be prepared to take ENG 111 and college level math by the 2nd fall semester.

Students interested in enrolling in **Architectural Technology** must be prepared to begin ENG 111 and college level math at the start of the program.

Students interested in enrolling in **Electronics Engineering Technology** must be prepared to take ENG 111 at the start of the program and college level math by the 2nd semester.

Placement Testing is Not Required for Most Industrial and Applied Technology Diploma Programs

Steps for Admission into Industrial and Applied Technology Programs

It is the applicant's responsibility to ensure that the following eligibility requirements are met before completing an Eligibility Application with any Academic Advisor/Counselor in Student Services.

1. Complete the Residency Determination application. The application is available online at www.coastalcarolina.edu
2. Submit an application to Coastal Carolina Community College. Applications are available online at www.coastalcarolina.edu
3. Submit your official transcripts(s) to the Admissions Office.
 - High school (or high school equivalency)
 - All colleges or schools attended after high school
 - CLEP (College Level Examination) scores
 - AP (Advanced Placement) scores
4. Meet with an Academic Advisor/Counselor to complete and submit an Industrial and Applied Technology Eligibility Application. Your name will then be added to the official interest list.
5. In May, the Industrial and Applied Technology Counselor will begin to mail/email the following:
 - Acceptance Letters
 - Alternate Letters
 - Ineligibility letters due to missing admission requirements
6. Return the acceptance agreement and all required admissions paperwork to secure your seat in the program by the designated due date.

NOTE: Students with an alternate/acceptance letter will be notified if a space becomes available. Qualified applicants will continue to be placed on the alternate list until the day before fall classes begin.

It is the student's responsibility to return the acceptance agreement by the required deadline or risk losing their spot on the acceptance list in the Industrial and Applied Technology program.

Contacts

Division Chair, Industrial and Applied Technology	Grant Carter, Division Chair	910-938-6267	cartert@coastalcarolina.edu
Academic Counselor/Coordinator for Career & College Promise	Princesa Hurd	910-938-6249	hurdp@coastalcarolina.edu
Air Conditioning, Heating & Refrigeration Technology	Shawn Hall, Dept. Head	910-938-6310	halls@coastalcarolina.edu
Architectural Technology	Donald Heck, Instructor	910-938-6194	heckd@coastalcarolina.edu
Automotive Systems Technology	Gary Potter, Dept. Head	910-938-6304	potterg@coastalcarolina.edu
Collision Repair & Refinishing	Brian Cobb, Dept. Head	910-938-6199	cobbb@coastalcarolina.edu
Diesel & Heavy Equipment Technology	Grant Carter, Division Chair	910-938-6267	cartert@coastalcarolina.edu
Electrical Systems Technology	Jeffrey Maready, Dept. Head	910-938-6265	mareadyj@coastalcarolina.edu
Electronics Engineering Technology	Justin Sokoloski, Dept. Head	910-938-6105	sokoloskij@coastalcarolina.edu
Welding Technology	Christopher Taylor, Dept. Head	910-938-6196	taylorch@coastalcarolina.edu
Financial Aid	Student Services – Student Center	910-938-6332	finaid@coastalcarolina.edu
Veteran's Programs	Student Services – Student Center	910-938-6316	veterans@coastalcarolina.edu
Human Services	Human Services – Student Center	910-938-6309	humanservices@coastalcarolina.edu
SpouseWorks	Military Off-Campus	910-451-2391	www.militaryonesource.mil OR www.militaryoffcampus@coastalcarolina.edu

For specific program information, please contact the Department Head listed. For general admission questions, please contact the Industrial and Applied Technology Advisor.