The North Carolina Career and College Promise at Cape Fear Community College

College Pathway: Automotive Systems Technology

This curriculum prepares individuals for employment as automotive service technicians. It provides an introduction to automotive careers and increases student awareness of the challenges associated with this fast and ever-changing field. Classroom and lab experiences integrate technical and academic coursework. Emphasis is placed on theory, servicing and operation of brakes, electrical/electronic systems, engine performance, steering/suspension, automatic transmission/transaxles, engine repair, climate control, and manual drive trains.

Admission & Enrollment Requirements Automotive Systems Tech Pathway

To be eligible for enrollment in this program, you must meet the following criteria:

1. Be a high school junior or senior;
2. Have a weighted high school GPA of 3.0 or your principal's approval;
3. Meet the following College Placement Testing score (PSAT/PLAN/ACT/SAT may also be used):
   - Minimum score of 57 on Accuplacer reading or 136 on English/Reading NCDAP

PSAT/PLAN/ACT/SAT scores may also be used.

Interested?
If you meet these qualifications, submit your completed application along with the latest version of your high school transcripts to CFCC. For more information, please see your school counselor and visit our website: www.cfcc.edu/ccp.

Course Requirements Automotive Systems Tech Pathway

Required Courses:    Credit Hrs
AUT 141 Suspension & Steering System............3
AUT 141A Suspension & Steering Lab.............1
AUT 151 Brake Systems.............................3
AUT 151A Brakes Systems Lab ....................1
TRN 110 Intro to Transport Technology ..........2
TRN 130 Intro to Sustainable Transportation ......3
TRN 140 Transportation Climate Control.........2
TRN 140A Trans. Climate Control Lab ..........2

Total Credit Hours................................. 17

Class Locations

All courses are offered at a CFCC campus or online. To find a specific course offering, search for classes online by selecting the “Search for Classes” option on the CFCC website: www.cfcc.edu.

Registration Process

Accepted students may register for classes during new student orientation. Returning students may register on Web Advisor.