

# AUTOMOTIVE SYSTEMS TECHNOLOGY

## ABOUT THIS PROGRAM

Students will take classes in engine fundamentals, brake and electrical systems, and emission controls. They will study chassis electronics, suspension and steering systems, and automotive heating and air conditioning. Advanced studies in the two-year degree program include classes in engine performance and repair, transmissions, and engine electrical management. Besides an emphasis on hands-on instruction, the educational program is further enhanced by a variety of field trips to automotive parts manufacturers, automotive trade shows, and NASCAR racing shops.



### POSSIBLE JOB TITLES:

- Automotive Service Technician
- Mechanic
- Service Technician
- Service Tech

### MEDIAN SALARY:

\$42,090 annually (Automotive Service Technicians and Mechanics)

### BUREAU OF LABOR STATISTICS CLUSTER WEBSITE:

[bls.gov/ooh/installation-maintenance-and-repair/home.htm](https://bls.gov/ooh/installation-maintenance-and-repair/home.htm)

### JOB PLACEMENT OF RECENT GRADUATES OF THIS PROGRAM:

- Wilkinson Cadillac Chevrolet Buick GMC
- Fred Anderson Toyota
- Crossroads Ford
- Sanford Honda

### SKILLS/APTITUDES NEEDED FOR PROGRAM:

- Problem Solving Skills
- Mechanically Inclined
- Time Management Skills



[www.cccc.edu](http://www.cccc.edu)

## **DEGREE(S)**

Associate in Applied Science in Automotive Systems Technology (A60160; Lee Main Campus - Day) – five semesters (summer included)

## **DIPLOMA(S)**

Diploma in Automotive Systems Technology (D60160; Lee Main Campus - Day) – three semesters (summer included)

## **CERTIFICATE(S)**

Certificate in AST (C60160; Lee Main Campus - Day) – two semesters; Short-term: OBD Certification, Escort Vehicle Operator, Vehicle Safety Inspection

## **TRANSFER OPTIONS**

Yes – East Carolina University (BSIT Program) (Contact the program lead below to discuss transfer options further.)

## **ADDITIONAL COSTS OF PROGRAM**

Automotive Toolkit

## **STATE LICENSURE/EXAMS/INDUSTRY CERTIFICATIONS**

Automotive Service Excellence (ASE) Certifications

## **ADDITIONAL ADMISSIONS PROCESS**

None

## **CONTACTS**

**Craig Ciliberto, Department Chair, Transportation System Technologies:  
(919) 718-7304 or [cciliberto@cccc.edu](mailto:cciliberto@cccc.edu)**