



Applied
Technologies

AUTOMOTIVE SYSTEMS TECHNOLOGY

ABOUT THE 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.



CCCC Career Community

Students interested in Applied Technologies tend to be action-oriented problem solvers who like to work with their hands - making, building, and repairing all kinds of things. Graduates often find employment in advanced manufacturing, construction, the automotive industry, or the trades.



Possible Employment In Industry

Automotive Service Technician
Mechanic



Top Employers In Region

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



Occupational Statistics

Median Salary:

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



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Degrees

Associate in Applied Science in Automotive Systems Technology (A60160; Lee Main Campus - Day) Five Semesters (Summer Included)



Diplomas

Diploma in Automotive Systems Technology (D60160; Lee Main Campus - Day) Three Semesters (Summer Included)



Certificates

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)



Additional Program Costs

Automotive Toolkit



State Licensure/Exams/ Industry Certifications

Automotive Service Excellence (ASE) Certifications



Additional Admissions Process



Skills In Demand For Program And Industry

Problem Solving Skills
Mechanically Inclined
Time Management Skills



Work-Based Learning Information



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