

Automotive Service Technology • Associate in Applied Science

Why Choose Automotive Service Technology?

This program features instruction in modern facilities with an emphasis on automotive diagnosis, inspection, adjustments and service. In addition, students are taught to test, diagnose, service and replace electronic controls, fuel injection components and accessories, air conditioning units, power windows and seats, lighting circuits, and safety and warning devices.

Students complete more than 550 hours of repair and adjustment on vehicles under the supervision of automotive service faculty. Students who wish to continue their education may pursue a bachelor's degree in Automotive Management, Automotive Engineering Technology or nearly 20 other degree programs.

Prepare for a Great Career

The importance of competent automobile repair in today's mobile society cannot be overstated. Because vehicles have skyrocketed in cost and are kept in service longer, there is a shortage of trained, knowledgeable technicians.

Skilled technicians are needed to perform preventive maintenance, repairs and adjustments. Challenges in this field include servicing electrical systems, brakes, wheel alignments, fuel injection systems, transmissions and driveline repairs, among many others.

Employment opportunities exist in every community and in all parts of the country. Advancement in the field is available, from service person to manager to shop owner. The opportunities are limitless.

Admission Requirements

Admission to the College of Engineering Technology is open to high school graduates who demonstrate academic preparedness, maturity and seriousness of purpose with backgrounds appropriate to their chosen program of studies. Among first-time students in our technical programs, the average high school GPA is 2.8, and the average ACT composite score is 20.

Students entering the Automotive Service Technology program must have a high school diploma with a minimum 'C' average and an ACT math subscore of 19 or better. Enrolled students need to furnish their own hand tools, protective eye devices and work uniforms.

Graduation Requirements

The Automotive Service Technology program at Ferris leads to an associate in applied science degree. Graduation requires a minimum 2.0 grade point average in core classes, in the major and overall. Students must complete all general education requirements as outlined on the General Education website.

Required Courses

	Credit Hours
General Education	
ENGL 150 English 1	3
ENGL 250 English 2	3
PHYS 130 Concepts in Physics	4
Or	
PHYS 211 Introductory Physics 1	4
Elective Cultural Enrichment	3
Elective Social Awareness	3
Major	
AUTO 111 Manual Transmission-Drivelines	4
AUTO 112 Automotive Brake Systems	4
AUTO 113 Auto Electricity - Electronics	4
AUTO 114 Automotive Engines	4
AUTO 115 Suspen-Steering-Alignment Serv	4
AUTO 117 Electronic Fuel Mgmt Systems	4
AUTO 200 Service Area 1	6
AUTO 211 Automatic Transmission	4
AUTO 213 Chassis Electrical-Electronics	4
AUTO 214 Automotive HVAC	4
AUTO 250 Service Area 2	6
Minimum credit hours required for A.A.S. degree:	64



More Information

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FERRIS STATE UNIVERSITY

COLLEGE OF ENGINEERING TECHNOLOGY