

AUTOMOTIVE TECHNOLOGY, ONE-YEAR CERTIFICATE

Program Description

The Automotive Technology program provides quality education and hands-on training to prepare students for successful entry into the Automotive Technology career field. The program prepares students to further their education, for those wishing to obtain a higher degree.

Program Outcomes

Students who successfully complete the Automotive Technology Certificate will:

1. Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection, and warranty procedure.
2. Diagnose, service, and repair automotive internal combustion engines
3. Diagnose, service, and repair automotive brakes
4. Diagnose, service, and repair electronic engine controls and emission systems
5. Diagnose, service, and repair automotive electrical systems
6. Diagnose, service, and repair automotive drive trains
7. Diagnose, service, and repair automotive climate control systems

Career Considerations

The Automotive Technology Certificate will provide training in the skills needed for an entry-level position as a technician in most automotive dealerships and repair shops.

Program Course Requirements

Course	Title	Credits
First Year		
First Term		
AUT 100	Orientation to Auto Tech	2
AUT 111	Engine Repair and Maintenance	6
AUT 113	Drive Trains	6
Credits		14
Second Term		
AUT 114	Suspension and Steering	6
AUT 115	Braking Systems	6
MTH 052	Industrial Applications-MTH (or higher)	4
Credits		16
Third Term		
AUT 116	Electrical Electronic Systems	6
AUT 118	Engine Performance Drive	6
HD 136	Strategies for Success	3
Credits		15
Fourth Term		
AUT 127	Climate Control Adv Electrical	6
AUT 129	Light Vehicle Diesel Engines	6
WR 115	Intro to Expos Writing (or higher)	4
Credits		16
Total Minimum Credits		61

Program Entrance Requirements Admission Requirements

- Complete online response form upon entering/registering for the program.
- A basic tool set is required of all entering students. The list of tool requirements is available through the automotive department.