

AUTOMOTIVE TECHNOLOGY: AUTOMOTIVE ELECTRICAL & ENGINE PERFORMANCE TECHNICIAN (CERT)

CERTIFICATE OF ACHIEVEMENT

The Automotive Electrical & Engine Performance Technician Certificate option prepares students for employment as an entry-level automotive technician at a Ford dealership. Courses focus on both the mechanical and electrical systems within a vehicle and how to diagnose and repair them. They include electrical and engine performance systems. Students will also increase their hands-on skills and experience by working in the field. Graduates are employed as entry-level technicians at Ford dealerships. They have the ability to work as a specialized automotive repair technician.

Program Student Learning Outcomes

- Demonstrate safe practices when working on all types of vehicles.
- Analyze service information in order to diagnose and repair vehicle faults.
- Practice repairing faults related to electrical/electronics and engine performance.

Program Requirements

Code Number	Course Title	Units
Required Courses		
AUTO 161	Automotive Electricity	7.0
AUTO 181	Electronic Engine Management Systems- Corporate	6.5
AUTO 173	Automotive Technology Work Experience Education	3.0
Total Units		16.5