

AUTOMOTIVE TECHNOLOGY: AUTOMOTIVE DRIVETRAIN & AIR CONDITIONING (CERT)

CERTIFICATE OF ACHIVEMENT

The Automotive Drivetrain & Air Conditioning 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 manual drivetrain & axles, automatic transmissions/transaxles, and air conditioning. 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 manual drivetrain & axles, automatic transmissions/transaxles, and air conditioning.

Program Requirements

Code Number	Course Title	Units
Required Courses		
First Semester		
AUTO 121	Drivetrain Transmissions and Axles	6.5
AUTO 179	Automotive Air Conditioning	4.0
AUTO 173	Automotive Technology Work Experience Education (Must take twice for a total of 6 units)	6.0
Total Units		16.5