

**Keeping a vehicle on the road requires expert attention. There is a science to vehicle repair. Are you ready to look under the hood?**



**Pathway Description:**

The automotive technology pathway prepares students for entry-level employment opportunities as automotive technicians at car dealerships, independent automotive shops, service centers, and fleet maintenance departments.

**Key Competencies:**

- Develop an understanding of small engine repair, welding, safety, and tool identification
- Learn to identify parts of a vehicle, properly lift vehicles, change oil, mount tires, repair tires, properly use of a tire machine, balance tires, measure fluids used in and on a vehicle, and test the battery, alternator, and starter
- Become competent in engine components and disassembly, block service, re-assembly, etc.
- Learn to inspect the drum and disc brake, measure the drum diameter and rotor thickness, and repair the disc brake, drum brake repair, brake line, and parking brake
- Build skill competence to diagnose and service batteries, starters, charging system, lighting systems, and basic electrical principles

**Courses (HS Credits):**

- Year 1** 9000 Industrial Arts Technology (2)
- Year 2** 9022 Power Mechanics (2)
- Year 3** 96B4 Automotive Engine Repair (2)  
96B3 Automotive Brake Systems (2)
- Year 4** 9697 Automotive Electricity/Electronics (2)  
9698 Automotive Electrical Systems (2)

**College Credits:** 12

**Annual National Average Salary: \$46,000**

**Career Opportunities:**

Maintenance and Repair Worker	Electrical/Electronics Installers
Supervisors of Mechanics	Automotive Specialty Technicians
Auto Engineering Technicians	Equipment and Systems Inspectors
Tire Repairers/Changers	