

# Automotive Technology

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Automotive Technology trains and prepares students to go into the automotive field with the skills to succeed. Students are trained on HACTC shop vehicles. After students perfect their skills, they then do maintenance and repair work on customer vehicles. Students also have the opportunity to participate in the AYES Program (Automotive Youth Educational Systems) and Cooperative Education placements, which prepare them for certified internships and a potential job placements with a local dealership. The Automotive Technology program is also NATEF (National Automotive Technicians Education Foundation) certified.

**Embedded High School Credit:** Science

**Career Technical Student Organization:** Automotive Club Enthusiasts (ACE)

**Concurrent Enrollment for College Credit:**

Automotive Systems I, 3 credits, Lakes Region Community College

**Industry Certifications:**

ASE Student Certification; Lift it Right Certification; S/P2 Environmental Safety Training Certification; CPR/AED and First Aid; and Conover® Workplace Readiness.

**Articulation Agreements:**

Universal Technical Institute; University of Northwestern Ohio; Lakes Region Community College;

**Units of Study:**

## LEVEL I

- Safety I
- General Engine Diagnosis I
- Ignition System I
- Fuel and Exhaust Systems I
- Steering Systems
- Front and Rear Suspensions I
- Miscellaneous Service
- Wheel and Tire Service I
- Power Assist Units
- Hydraulic Brake System
- Drum Brake I; Disk Brake I
- General Electrical Diagnosis I
- Battery Service
- Starting Systems I
- Charging Systems I
- Horn and Wiper/Windshield I

## LEVEL II

- Safety II
- General Engine Diagnosis II
- Ignition System II
- Fuel and Exhaust Systems II
- Steering Systems
- Front and Rear Suspensions II
- Miscellaneous Service
- Wheel and Tire Service II
- Four Wheel Alignment
- Air Conditioner System
- Hydraulic Brake System
- Drum Brake II; Disc Brake II
- Anti-Lock Brake System
- General Electrical Diagnosis II
- Battery Service
- Starting Systems II
- Charging Systems II
- Horn and Windshield Wiper II
- Supplemental Restraint System