

# AUTO TECHNOLOGY

## **Automotive Technology 1 – AM**

6823 Full Year – 4 Credits  
Open to Grade 11 4 Periods Per Day

Year 1 courses include:

- Ground Transportation Maintenance
- Ground Transportation Engine & Power Train
- Ground Transportation Electrical/ Electronics
- Automotive Braking Suspension and Steering Systems

*Application required.*

*Recommended: Algebra 1*

## **Automotive Technology 2 – PM**

6820 Full Year – 3 Credits  
Open to Grade 12 3 Periods Per Day

Year 2 courses include:

- Ground Transportation HAC
- Automotive Engine Performance
- Transportation Capstone

*Prerequisite: Automotive Technology 1*

*Recommended: Algebra 2 with Trig*

The first year of this two-year program is focused on industry standards based on both the State of Ohio and the ASE/NATEF curriculum. Topics covered include shop and safety practices, tools, equipment handling/operation, and basic introduction to servicing a vehicle. Also covered are the following automotive systems: brakes, steering, suspension, electrical, engines, and drivetrain. Classroom lessons correlate with active hands-on lab activities. Students have the opportunity to take student ASE tests and will receive a certificate with a passing grade.

During the second year of Automotive Technology, the program follows the same guidelines as year one. Specific areas covered are: heating and air conditioning, engine performance, and the transportation capstone. All materials covered from the previous year are continually reinforced.

College Credit Possible: Student must fulfill requirements of the college.

Certifications: This program prepares students for ASE testing after graduation.

Internship Opportunities (paid or unpaid): Work experience 2nd semester senior year, 15 hours per week in a related occupation for students with a B (3.0) or higher.

Career Technical Student Organization: SkillsUSA

Possible Career Opportunities:

- Manufacturer/Dealer Technician
- Franchise Technician
- Independent Technician
- Parts Specialist
- Service Advisor/Manager
- Custom Shop Specialist
- Automotive Engineer
- Fleet Technician
- Diesel Technician

