



# Automotive Technologies

## Career & Technology Program Pathway 2022 – 2023

	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>Program Courses</b>			<b>Automotive Technologies I</b> <ul style="list-style-type: none"> <li>• Ground Transportation Maintenance + ^*</li> <li>• Automotive Braking, Suspension, Steering *</li> </ul>	<b>Automotive Technologies II</b> <ul style="list-style-type: none"> <li>• Ground Transportation Electrical/Electronics + *</li> <li>• Automotive Engine Performance *</li> <li>• Transportation Capstone</li> </ul>
<b>Other Required Courses</b>				Physics or Principles of Physics
<b>Suggested Courses</b>	Intro to Automotive Technology			

### Career Tech Student Organization (CTSO)

**SkillsUSA:** Students participate in leadership and competitive events.

### Work-Based Learning

Students participate in work-based learning through the following options:

- Job Placement
- Internship
- Entrepreneurship
- Simulated Work Environment
- School Based Enterprise

### Industry Recognized Credentials

- **OSHA 10 Hour Safety Training** (1 Point)
- **Automotive Service Excellence (ASE) Student Certification:** Brakes (3 points), Electronic/Electrical Systems (3 points), Engine Performance (3 points), Engine Repair (3 points), Service Excellence Maintenance & Light Repair, Steering and Suspension (3 points)
- **SnapOn Certifications:** Battery, Starting, and Charging (3 points), Master Rotor Matching (ProCut) (3 points), Multimeter (3 points), Starrett/Snap-on Precision Measuring Instruments (3 points)

### College Credit Opportunities

Ground Transportation Maintenance – AUT 110 Automotive Service Fundamental – Owens Community College (2 credit hours)  
 Ground Transportation Electrical/Electronics – AUT 133 Automotive Electrical Systems – Owens Community College (3 credit hours)  
 Ground Transportation Maintenance – CTAUT005 – Introduction to Automotive Service and Repair (2 credit hours)

### Webxam

T9 Ground Transportation (10MC) – Four total webxams

<b>Key</b>	<b>+ = CCP</b>	<b>^ = CTAG</b>	<b>@ = Articulation Agreement</b>	<b>* = Webxam Tested Course</b>
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