



# Tigard High School

## AUTOMOTIVE SERVICE TECHNOLOGY

### For students interested in:

- Automotive technology
- Electrical engineering
- Mechanical engineering
- Auto parts sales
- Welding

### Sequence of Courses

#### Introductory

- Auto Tech 1 (9-11th grade, 0.5 credit)
- Auto Upkeep (9-12th grade, 0.5 credit)

#### Intermediate

- Auto Tech 2 (9-12th grade, 0.5 credit)

#### Advanced

- Advanced Auto Applications (11-12th grade, 0.5 credit)
- Auto Engine Performance (10-12th grade, 0.5 credit)
- Auto Engine Repair (10-12th grade, 0.5 credit)
- Auto Electrical/Electronics (10-12th grade, 0.5 credit)

### Dual Credit Offerings

- PCC – AM 100 – Intro to Automotive Systems (4 credit hours)
- PCC – AM 111 – Engine Repair (4 credit hours)

### Students will learn:

- The safety protocols of working in an automotive shop
- To apply quality control techniques to achieve desired specifications
- To follow complex repair procedures
- About automotive cooling systems, electrical systems, brake systems, engine repair, and suspension
- To troubleshoot electrical problems

### Career Options

Automotive Body and Related Repairers	\$51,854
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Mobile Heavy Equipment Mechanics	\$62,692
First-line Supervisors of Mechanics, Installers and Repairers	\$79,456
Bus and Truck Mechanics and Diesel Engine Specialists	\$52,707
Aircraft Mechanics and Service Technicians	\$65,000

2022 median annual salary for tri-county area high wage and high demand  
-Oregon Employment Division

### Current Industry Partners

- Wilsonville Toyota

### Industry Recognized Credentials

- Student ASE Electrical Certificate
- Student ASE Engine Repair Certificate
- Student ASE Engine Performance Certificate
- Student ASE MLR Certificate