



# Transportation

## For Students Interested In ...

Learning about careers in automotive repair while gaining practical experience in the auto shop and paint booth by working on personal or shop owned vehicles.

Careers include automotive refinishing, estimating repairs, detailing, glass replacement and more.

## Our Classes



[www.tvrop.org](http://www.tvrop.org)

## Auto Body Repair I

Examine the world of auto body repair by learning the industry skills necessary for a successful career in the field. Students explore trends and future technologies of the collision repair and refinishing industry and practice identifying auto body damage and the relationship to cost estimation. Instruction focuses on giving students hands-on experience in learning the skills of the trade, including: how to straighten and repair auto bumper covers, replace panels, prep cars for paint, rebuild and repaint auto bodies, MIG weld, and detail cars.

**Course Length:**  
1 Year/1 Period  
**High School Credits:** 10



## Advanced Auto Body Repair

This course is for students interested in a career in auto body repair. Students study advanced topics and complete projects that include learning the skills required for color matching to industry specifications. Instruction focuses on students applying skills and knowledge learned to identify frame damage and methods of repair and measuring. Students will become proficient in shop management, team leadership, and business principles.

**Course Length:**  
1 Year/1 Period  
**High School Credits:** 10

## Automotive Technology

Automotive Technology is a comprehensive, hands-on course that allows students to explore and practice the necessary skills needed to repair automobile systems as well as parts. Instruction includes: steering and suspension, brakes, electrical, maintenance, engine diagnostics and repair, rear axle, automatic transmissions, and emission controls. Students gain experience in tire repair, changing and high-speed tire balancing, brake and wheel bearing inspection, measuring and repairing, and front and four-wheel alignment.

**Course Length:**  
1 Year/1 Period  
**High School Credits:** 10



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**Auto Body  
Repair I**



**Advanced Auto  
Body Repair**



**Automotive  
Technology**



**Tri-Valley Regional Occupational Program**

*“Careers by Choice, Not by Chance”*