

## RELATED OCCUPATIONS

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Collision Repair Intern or Apprentice  
Refinisher Helper  
Auto Detailer  
Collision Repair Technician  
Collision Repair Shop Owner  
Auto Refinish Technician  
Auto Glass Installer  
Assistant Manager  
Insurance Claims Adjuster  
Collision Shop Manager  
Instructor +  
Paint Manufacturer Representative  
Porter/Lot Person  
Lube Technician  
Aftermarket Sales Representative  
Vehicle Maintenance Intern or Apprentice  
Parts and Service Counter Person  
Salesperson  
Vehicle Maintenance Technician  
Line Technician  
Service Writer  
Motor Carrier  
Technical Writer  
Smog Technician  
Driver  
Inspector  
Fleet Manager or Director  
Shop Foreman or Forewoman  
Parts and Service Manager  
Manufacturer's Representative

## VALENCIA HIGH SCHOOL AUTOMOTIVE TECHNOLOGIES PATHWAY

PATHWAY ADVISOR:  
MR. HOUSER



William S. Hart District

## VALENCIA HIGH SCHOOL

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**California Industry Sector:**  
Transportation

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## VALENCIA HIGH SCHOOL AUTOMOTIVE TECHNOLOGIES PATHWAY



**California Pathway:**  
*Collision Repair and Refinishing*

*Vehicle Maintenance, Service, and Repair*

# VALENCIA HIGH SCHOOL AUTOMOTIVE TECHNOLOGIES PATHWAY

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## REQUIRED COURSES

### Why Operations, Structural Repair and Refinishing, System Diagnostics and Services Pathways?

The Operations pathway prepares students for postsecondary employment and education in a variety of career opportunities in the transportation industry, including but not limited to harbors, ports, warehousing, marine applications, airplanes, trains, vehicles, and specialty equipment.

The Structural Repair and Refinishing pathway prepares students for postsecondary education and employment in the transportation industry, including but not limited to body and frame straightening, estimating, painting, and refinishing (included but not limited to airplanes, trains, vehicles, and equipment).

The Systems Diagnostics and Service pathway prepares students for postsecondary education and employment in the transportation industry, which includes but is not limited to motor vehicles, rail systems, marine applications, and small-engine and specialty equipment.

- ◆Auto 1A
- ◆Auto 1B
- ◆Vocation Auto A  
(Equal to two courses)
- ◆Vocation Auto B  
(Equal to two courses)
- ◆Career Exploration Project  
(Must be in Career Industry Sector)



## OPTIONAL COURSES

(Choose 2 or More)

- ◆Introduction to Business
- ◆CAD
- ◆ROP Electrical Systems
- ◆ROP Brake Systems
- ◆ROP Maintenance and Operations
- ◆ROP Steering Suspensions and Alignment



### Why Transportation Industry Sector?

This sector is designed to provide a foundation in transportation services for all industrial technology education students in California. There are eight focus areas that fall under the Transportation sector, each with different career opportunities. The focus areas are On-Road; Off-Road; Stationary; Rail; Water/Sea; Air; Space; and Small Engines and Specialty Equipment. The pathways in the Transportation sector emphasize real-world, occupationally relevant experiences of significant scope and depth in three areas: Operations, Structural Repair and Refinishing, and Systems Diagnostics, Service, and Repair. The standards are designed to integrate academic and technical preparation and focus on career awareness, career exploration, and skill preparation in the three pathways. Integral components include classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership development. The standards in this sector prepare students for continued training, postsecondary education, and entry to a career.