

# Transportation, Distribution, and Logistics Career Cluster

The Transportation, Distribution, and Logistics Career Cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

## Automotive Collision



The Automotive Collision Repair program of study focuses on the occupational and educational opportunities associated with servicing, repairing, and refinishing various types of vehicles. This program of study includes diagnosing and servicing vehicles and learning about processes, technologies, and materials used in reconstructing vehicles.

### Secondary Courses for High School Credit

#### Level 1

- None

#### Level 2

- Automotive Basics
- Collision Repair

#### Level 3

- \*Paint and Refinishing <sup>1</sup>

#### Level 4

- Practicum in Transportation Systems - Collision (H) <sup>2</sup>



### Work-Based Learning and Expanded Learning Opportunities

#### Exploration Activities

- Join SkillsUSA

#### Work-Based Learning Activities

- Work at a local automotive body shop

### Industry-Based Certifications

- ASE Entry-Level Collision Mechanical and Electrical Components (ME) <sup>1</sup>
- ASE Entry-Level Collision Non-Structural Analysis and Damage Repair (SR) <sup>1</sup>
- ASE Entry-Level Collision Painting and Refinishing (PR) <sup>1</sup>
- ASE Entry-Level Collision Structural Analysis and Damage Repair <sup>1</sup>
- ASE Refrigerant Recovery and Recycling <sup>2</sup>

### Aligned Advanced Academic Courses

- \* Dual credit course aligned with Dallas College



### Postsecondary Opportunities

#### Associates Degrees

- Autobody/ Collision and Repair Technology
- Medium/Heavy Vehicle and Truck Technology

#### Bachelor's Degrees

- Mechanical Engineering/ Mechanical Technology/ Technician
- Heavy Equipment Maintenance Technology

#### Master's, Doctoral, and Professional Degrees

- Mechanical Engineering

### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Automotive Body and Related Repairers	\$51,000	1,300	14%
Coating, Painting, and Spraying Machine Setters, Operator, and Tenders	\$46,500	1,700	20%

Successful completion of the Automotive Collision program of study will fulfill requirements of the Business and Industry endorsement. Revised – May 2024

# Automotive Collision Course Information

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
None	-	-	-

## Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Automotive Basics	13039550 (1 credit)	None	9
Collision Repair	13039800 (2 credits)	Automotive Basics	10

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Paint and Refinishing	13039900 (2 credits)	Collision Repair	11

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Practicum in Transportation Systems - Collision (H)	13040450 (2 credits)	Paint and Refinishing	12

FOR ADDITIONAL INFORMATION ON THE TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CAREER CLUSTER,  
PLEASE CONTACT YOUR CAMPUS CTE COUNSELOR  
<https://tea.texas.gov/cte>

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