

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.

Statewide Program of Study: Collision Repair

The **Collision Repair** program of study focuses on the occupational and educational opportunities associated with repairing, refinishing, and reconstructing damaged vehicles. This program includes diagnosing structural and cosmetic damage, repairing and refinishing vehicle surfaces, and learning about the processes, technologies, and materials used in collision repair and vehicle restoration.

Secondary Courses for High School Credit

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Grade Level Courses

9 th	•	Basic Collision Repair and Refinishing
10 th	•	Collision Repair
11 th	•	Paint and Refinishing
12 th	•	Practicum in Collision Repair

Aligned Advanced Academic Courses

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	 Shadow an automotive technician at a car dealership Intern at a rental car company and assist technicians with vehicle maintenance Work at a local automotive repair shop and hold both customer service duties and automatic repair duties
Expanded Learning	 Join a related automotive association and attend
Opportunities	events Participate in SkillsUSA

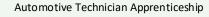
Aligned Industry-Based Certifications

<u>IBC's Of fere d</u> ASE Entry-Level Collision Painting and Refinishing (PR)



Example Postsecondary Opportunities

Apprenticeships



Associate Degrees

- Automobile/Automotive Mechanics Technology
- Autobody/Collision and Repair Technology

Bachelor's Degrees

- Autobody/Collision and Repair Technology
- Heavy Equipment Maintenance Technology

Additional Stackable IBCs/License

Automobile and Light Truck Certification (A1 – A9)



Example Aligned Occupations

Automotive Service Technicians and Mechanics

Median Wage: \$44,809 Annual Openings: 6,285 10-Year Growth: 10%

Bus and Truck Mechanics and Diesel Engine Specialists

Median Wage: \$50,967 Annual Openings: 3,096 10-Year Growth: 19%

First-Line Supervisors of Mechanics, Installers, and Repairers

Median Wage: \$66,535 Annual Openings: 5,019 10-Year Growth: 19%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



