

# 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 Technology (JHS) Statewide Program of Study



The Automotive and 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	T728 Automotive Basics (1 credit/YL)
Level 2	T704 Automotive Technology 1 (2 credits/YL)
Level 3	T714 Automotive Technology II (2 credits/YL)
Level 4	T729 Practicum in Transportation Systems: Automotive Technology (2 credits/YL)



### Example Postsecondary Opportunities

#### Apprenticeships

- Automotive Technician Apprenticeship



#### 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)

### Work-Based Learning and Expanded Learning Opportunities

<b>Work-Based Learning Activities</b>	<ul style="list-style-type: none"> <li>Shadow an automotive technician at a car dealership</li> <li>Intern at a rental car company and assist technicians with vehicle maintenance</li> <li>Work at a local automotive repair shop and hold both customer service duties and automatic repair duties</li> </ul>
<b>Expanded Learning Opportunities</b>	<ul style="list-style-type: none"> <li>Join a related automotive association and attend events</li> <li>Participate in SkillsUSA</li> </ul>



### Aligned Industry-Based Certifications

- ASE Entry-Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)



### 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%

Automotive and Collision Repair –  
Automotive Technology

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



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Successful completion of the Automotive and Collision Repair program of study will fulfill requirements of the Business and Industry endorsement.