



# Transportation, Distribution, and Logistics Career Cluster

The Transportation, Distribution, and Logistics Career Cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance.

## Statewide Program of Study: Automotive

The Automotive 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**
  - Small Engine Technology I

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- Level 2**
  - Automotive Basics
  - Entrepreneurship I

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- Level 3**
  - Automotive Technology I: Maintenance and Light Repair

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- Level 4**
  - Automotive Technology II: Automotive Service

### 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 Opportunities

- Join a related automotive association and attend events
- Participate in SkillsUSA  
SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. We help each student excel. A nonprofit national education association, SkillsUSA serves in preparing students for careers in trade, technical and skilled service. Students compete at the regional, state, and national levels in Skills Assessment Program events, engage in community and leadership service activities, and meet students across the state and country through participation in our programs.

### Aligned Industry-Based Certifications

- ASE Entry Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)
- ASE Entry-Level Automobile Engine Repair (ER)
- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Refrigerant Recovery and Recycling



### Example Postsecondary Opportunities

#### Apprenticeships

- Automotive Technician Specialist

#### 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/Licensures

- Automobile and Light Truck Certification (A1–A9)



### Example Aligned Occupations

#### Automotive Service Technicians and Mechanics

Median Wage: \$43,100  
Annual Openings: 8,696  
10-Year Growth: 20%

#### Bus and Truck Mechanics and Diesel Engine Specialists

Median Wage: \$47,350  
Annual Openings: 3,180  
10-Year Growth: 16%

#### First-Line Supervisors of Mechanics, Installers, and Repairers

Median Wage: \$62,984  
Annual Openings: 6,883  
10-Year Growth: 15%

Data Source: Lightcast™. (2022). Occupation Table. Retrieved 9/27/2022.








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

# Transportation, Distribution, and Logistics Career Cluster

## Statewide Program of Study: Automotive and Collision Repair

### Course Information

	Course	Prerequisites   Corequisites	Career Clusters
Level 1	Small Engine Technology I 13040000 (1 credit)	Prerequisites: None Corequisites: None	
Level 2	Automotive Basics 13039550 (1 credit)	Prerequisites: None Corequisites: None	 
	Entrepreneurship I 13011101 (1 credit)	Prerequisites: None Corequisites: None	
Level 3	Automotive Technology I: Maintenance and Light Repair 13039600 (2 credits)	Prerequisites: None Corequisites: None	
Level 4	Automotive Technology II: Automotive Service 13039700 (2 credits)	Prerequisites: Automotive Technology I: Maintenance and Light Repair Corequisites: None	

\* Indicates course is included in more than one Program of Study.

For additional information on the **Transportation, Distribution, and Logistics Career Cluster**, contact [cte@tea.texas.gov](mailto:cte@tea.texas.gov) or visit <https://tea.texas.gov/cte>

San Benito CISD does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Title IX Coordinator: Erika Echartea, Executive Director of Administrative Services, at [eechartea@sbcisd.net](mailto:eechartea@sbcisd.net) or 956-361-6100 or ADA/Section 504 Coordinator, Janette Bristow, Health Services Coordinator, at [jmbristow@sbcisd.net](mailto:jmbristow@sbcisd.net) or 956-361-6100; Title IX Coordinator: Nancy Casas, College, Career, Military Readiness Director, at [ncasas@sbcisd.net](mailto:ncasas@sbcisd.net) or 956-361-6100; or ADA/Section 504 Coordinator: Ernesto Manriquez, Director of Special Services, at [emanriquez@sbcisd.net](mailto:emanriquez@sbcisd.net) or 956-361-6100, San Benito CISD, 240 N. Crockett St., San Benito, TX 78586.