

# Transportation, Distribution, and Logistics Career Cluster

Revised–June 2024



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.

## Endorsement: *Business & Industry Statewide Program of Study: Automotive Tech.*

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

9 <sup>th</sup> Grade	<input type="checkbox"/> N/A
10 <sup>th</sup> Grade	<input type="checkbox"/> Automotive Technology I: Maintenance and Light Repair (Level 3) (KCC)
11 <sup>th</sup> Grade	<input type="checkbox"/> Automotive Technology II: Automotive Service (Level 4) (KCC)
12 <sup>th</sup> Grade	<input type="checkbox"/> Practicum in Transportation Systems (Level 4) (KCC)

A CTE Completer is a student who completes three or more CTE courses for four or more credits including one Level 3 or 4 (advanced level) CTE course within a program of study will fulfill the requirements of a Business and Industry Endorsement.

### Aligned Industry-Based Certifications

- ASE Entry Level Automobile Maintenance and Light Repair (MR)
- ASE Entry-Level Automobile Automatic Transmission/Transaxle (AT)
- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Electronic/Electrical Systems (EE)
- ASE Entry-Level Automobile Engine Performance (EP)
- ASE Entry-Level Automobile Engine Repair (ER)
- ASE Entry-Level Automobile Heating and Air Conditioning (AC)
- ASE Entry-Level Automobile Manual Drive Train and Axles (MD)
- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Entry-Level Collision Mechanical and Electrical Components (ME)



### 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

### NAVIANCE ACCESS

All Killeen ISD students (7<sup>th</sup> – 12<sup>th</sup> graders) should login to their Naviance account through Clever.

Log into Naviance by clicking the Clever logo or link and use the College SuperMatch Tool to find colleges offering degree plans in this field.

<https://clever.com/in/killeenisd>



### 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)



### 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 Technology

Data Source: Texas Wages, 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>

# Transportation, Distribution, and Logistics Career Cluster

## Endorsement: *Business & Industry* Statewide Program of Study: *Automotive*



### Course Information

IT IS IN THE BEST INTEREST OF THE STUDENT TO TAKE ALL COURSES BELOW IN EACH GRADE

Level 1 9 <sup>th</sup> Grade	Course	Prerequisites   Corequisites	Career Clusters
	N/A		
Level 3 10 <sup>th</sup> Grade	Course	Prerequisites   Corequisites	Career Clusters
	<b>Automotive Technology I: Maintenance and Light Repair</b> 13039600 (2 credits)	<b>Prerequisites:</b> None <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> Automotive Basics <b>Recommended Corequisites:</b> None	
Level 4 11 <sup>th</sup> Grade	Course	Prerequisites   Corequisites	Career Clusters
	<b>Automotive Technology II: Automotive Service</b> 13039700 (2 credits)	<b>Prerequisites:</b> Automotive Technology I: Maintenance and Light Repair <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	
Level 4 12 <sup>th</sup> Grade	Course	Prerequisites   Corequisites	Career Clusters
	<b>Practicum in Transportation Systems*</b> First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits)	<b>Prerequisites:</b> None <b>Corequisites:</b> None <b>Recommended Prerequisites:</b> None <b>Recommended Corequisites:</b> None	

\* Indicates course is included in more than one program of study.

### Armed Forces Career Information

<ul style="list-style-type: none"> <li>Automated Logistical Specialist – U.S. Army</li> <li>Mechanical &amp; Industrial Technology Careers – U.S. Navy</li> <li>Wheeled Vehicle Mechanic – U.S. Army</li> <li>This is not a comprehensive list.</li> </ul>	<b>Local Armed Forces Recruiter Contact Information:</b> <ul style="list-style-type: none"> <li>Air Force – (254) 247-8992</li> <li>Army – (254) 690-8554</li> <li>Army National Guard – (903) 262-6355</li> <li>Marines – (254) 690-2626</li> <li>Navy – (254) 690-2096</li> </ul>
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See your school counselor to connect with a military recruiter for career counseling and to take the ASVAB in high school.

Killeen ISD 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: Rhea Bell, Title IX Coordinator, 902 N. 10<sup>th</sup> St., Killeen, TX 76541, 254-336-2822, [Rhea.bell@killeenisd.org](mailto:Rhea.bell@killeenisd.org). Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).