

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.

CFISD Program of Study: Automotive and Collision Repair

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

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.

All ASF listed

qualify for

CCMR and are

available in

Auto Tech I,

Auto Tech II,

and the

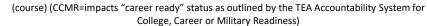
Practicum.



Recommended Course Sequence (credits)(A=advanced)
Students wanting an endorsement in this area must select three (3) or more courses
totaling four (4) or more credits with at least one being advanced.

Grade 9	Automotive Basics (1)
Grade 10	Automotive Technology I (2)
Grade 11	Automotive Technology II (2) (A)
Grade 12	• Practicum in Transportation Systems (3) (A)

Aligned Industry-Based Certifications Offered in CFISD



- 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 Manual Drive Train
 ASE Entry-Level Automobile Service Technology
- ASE Entry-Level Automobile Service Technology
 ASE Entry Level Automobile Suspension and Stearin
- ASE Entry-Level Automobile Suspension and Steering (SS)
- ASE Entry-Level Collision Mechanical and Electrical Components (ME)
 ASE Entry-Level Collision Non-Structural Analysis and Damage Repair (SR)
- ASE Entry-Level Collision Painting and Refinishing (PR)
- ASE Entry-Level Collision Structural Analysis and Damage Repair

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	 Shadow an automotive technician at a car dealership Work at a local automotive repair shop and hold both customer service duties and automatic repair duties
Expanded Learning Opportunities	Participate in SkillsUSA
	cining on industry standard matarial coftware 9

	•	Receive training on industry-standard material, software & equipment.	
SD·C	iity starts	•	Enhance your resume by earning recognized industry-based certifications.
E	opportur	•	Get a jump-start by taking advantage of core curriculum dual credit, transferable to 2-yr and 4-yr degrees.

ALL AT A FRACTION OF THE COST!



For more information on this and other CTE programs of study offered in CFISD,

visit https://www.cfisd.net/academics/career-technical-education/programs-of-study

What's next? For more information on related programs available to continue your studies at Lone Star College, visit <u>https://www.lonestar.edu/programs-of-study</u>



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

Data Source: Texas Wages, Texas Workforce Commission. rev 3/8/2024

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