



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.

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

9th Grade	Automotive Basics
10th Grade	Automotive Technology 1: Maintenance and Light Repair
11th Grade	Automotive Technology 2: Automotive Service
12th Grade	Practicum in Transportation Systems
Optional Electives	Career Prep 1

Internship and Practicum Opportunities

Students have the opportunity to gain hands-on experience in a variety of different businesses. There are numerous internships opportunities including the following: **Avondale - Grapevine, Moritz Kia, Five Star Ford, Christian Brothers Automotive, Discount Tire, and more.**

Career and Technical Student Organization (CTSO)

Automotive Technology Club

SkillsUSA

Workforce Development Organization

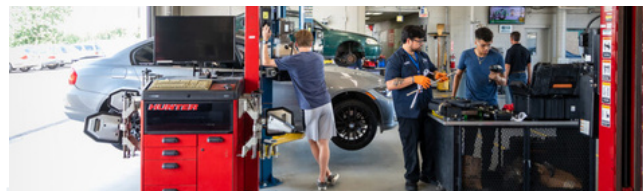
Career & Technical Student Organizations (CTSOs) are student-led organizations that build leadership, career skills, and real-world experience through competitions, networking, and hands-on learning.

Aligned Industry-Based Certifications

- ASE Student Certifications
 - Auto, Maintenance, and Light Repair
 - Brakes
 - Electronic/Electrical Systems
 - Suspension and Steering
 - Automatic Transmission
 - Engine Performance
 - Engine Repair
 - Heating and A/C
 - Manual Drive Train and Axles
 - Automotive Service Technology
 - Refrigerant, Recovery, and Recycling



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



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%

For more information, visit the KISD Course Guide
<https://tinyurl.com/464uxm25>

