

## Diesel Technology- P Tech-EPCC

At EPCC, the diesel program is a dynamic program designed by diesel techs for diesel techs.

This program was designed to meet the needs of the working professional in the industry. The program focuses on preparing students to participate at different entry skill levels within the industry. The skills that are discussed in the classroom, are designed to engage and inspire the diesel technician to produce high quality work and contribute to the community.

Students will attend courses at EPCC for two years and receive ASE certifications in several areas .



## Topics include

- Basic Hydraulics
- Power Train
- Advance Tune up
- Electronic Control
- Tractor and Trailer Repair
- Steering and Suspension
- HVAC
- Fuel Systems
- Preventative Maintenance
- Basic Electrical
- Diesel Engine I and II



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## Fabens High School

Career and  
Technology  
Education

*"Your Future  
Starts Here"*



**TRANSPORTATION,  
DISTRIBUTION AND  
LOGISTICS**

## Principles of Transportation



Students gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries.

## Small Engine Technology// Automotive Basics

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. Automotive Basics is designed to provide training for employment in the the automotive industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems.



## Auto Tech I

**Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems.**



## Auto Tech II

**The focus of this course is to teach safety, tool identification, proper tool use, and employability.**