

CFISD Automotive Basics

Scope and Sequence

Endorsement: Business & Industry**Cluster:** Transportation, Distribution, & Logistics**Meets advanced course requirement?** NO ▾**Program of Study:** Transportation**Meets foundation requirement for math, science, fine arts, English, LOTE?** NO ▾**Course Description:**

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service [diagnosing and serving] these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

TEKS link

- 1 credit
- Grades 9-10
- Lab supplies or fee may be required

Industry Certification/Credential: n/a

Instructional Units	Grading Period
Safety in workplace How cars work Care and ownership of vehicle	N1 (fall)
Tools and Application Vehicle fluids Lubrication systems	N2 (fall)
Fuel systems Electrical systems Cooling systems	N3 (spring)
Emission systems Braking systems Drivetrain systems Alternative fuels Buying an automobile	N4 (spring)

Primary Instructional Materials:**Supplementary Instructional Materials:** Auto Upkeep