

CFISD Automotive Technology I

Scope and Sequence

Course Description: In Automotive Technology I, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This course provides specific training for entry-level employment in the automotive technician career field. Areas covered include use of repair manuals and service and repair of basic components of an automobile such as fuel systems, engines, emission control, power trains, chassis, electrical systems, brakes, and heating and air conditioning. Entrepreneurship, safety, leadership, and career opportunities are included. (2 Credits)

- Grades 10 – 12, priority to 11th grades
- Lab supplies or fee is required.
- Assessment for verification of industry-recognized training is available for a fee.

TEKS

Program of Study: *Automotive Technician*

Cluster: *Transportation, Distribution & Logistics*

Endorsement: *Business & Industry*

- Meets advanced course requirement (Y/N): *No*
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): *No*

Industry Certification/Credentials: **ASE Entry Level Certifications**

Instructional Units	Pacing
1st Semester Safety, General Shop Procedures, Tools, Fasteners, Maintenance, (Oil and Filter, Brakes, Trans. Service, Fluids) Maintenance, (Brakes, Service, Fluids) Steering and Suspension – Alignments ASE Certification (Dec) - Brakes	1 st Grading Pd 2 nd Grading Pd
2nd Semester Engine Performance Electrical ASE Certification - Electrical	3 rd Grading Pd 4 th Grading Pd

Primary Instructional Materials: *Fundamentals of Automotive Technology, CDX Online, Alldata*