

CFISD Automotive Technology I

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:**

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.

TEKS link

- 2 credits
- Grades 10-12 (priority to 11th graders)
- Lab supplies or fee may be required
- Required prerequisites: n/a
- Recommended prerequisites: Auto Basics

Industry Certification/Credential: ASE Entry Level Certifications**TEA recognized IBC (to count toward program of study completion)?** YES ▾

Instructional Units	Grading Period
Safety General Shop Procedures Tools & Fasteners Maintenance (Oil and Filter, Brakes, Trans. Service, Fluids) Maintenance (Brakes, Service, Fluids)	N1 (fall)
Steering and Suspension – Alignments ASE Certification (Dec) - Brakes	N2 (fall)
Engine Performance ASE Certification - Engine Performance	N3 (spring)
Electrical ASE Certification - Electrical	N4 (spring)

Primary Instructional Materials: Fundamentals of Automotive Technology by Jones & Bartlett**Supplementary Instructional Materials:** CDX Online; Alldata