

CFISD Automotive Technology II

Scope and Sequence

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

Automotive Service 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 while gaining knowledge and hands-on skills in the repair, maintenance, and diagnosis of vehicle systems. This allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and real-world settings. A major focus of this course is to teach safety, tool identification, proper tool use, and employability.

TEKS link

- 2 credits
- Grades 11-12
- Lab supplies or fee may be required
- Required prerequisites: Automotive Tech I
- Recommended prerequisites:

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 Electrical Review Auto Tech Tasks Engine Performance & Engine	N1 (fall)
Repair Brakes Steering Suspension ASE Certification Test(s)	N2 (fall)
Manual Trans Auto Trans & Drivetrain HVAC	N3 (spring)
ASE Certification Test(s)	N4 (spring)

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