

CFISD Automotive Technology II

Scope and Sequence

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.

- Grades 11 – 12
- **Required prerequisite:** *Automotive Technology I*
- Lab supplies or fee is required.
- This course DOES NOT include a work-based component. (*See Practicum for work-based course.*)
- 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): *Yes*
- 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, Electrical Review Auto Tech Tasks Engine Performance & Engine Repair Brakes, Steering Suspension ASE Certification Test(s) | 1 st Grading Pd 2 nd Grading Pd |
| 2nd Semester Manual Trans, Auto Trans & Drivetrain HVAC, Testing ASE Certification Test(s) | 3 rd Grading Pd 4 th Grading Pd |

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