

## CFISD Automotive Technology II

### Scope and Sequence

**Course Description:**

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Service includes applicable safety and environmental rules and regulations. In this course students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow 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.

- 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

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
<b>1<sup>st</sup> Semester</b> Safety, General Shop Procedures, Tools, Fasteners, Electrical Review Auto Tech Tasks Engine Performance & Engine Repair Brakes, Steering Suspension	1 <sup>st</sup> Grading Pd  2 <sup>nd</sup> Grading Pd
<b>2<sup>nd</sup> Semester</b> Manual Trans, Auto Trans & Drivetrain HVAC, Testing.	3 <sup>rd</sup> Grading Pd 4 <sup>th</sup> Grading Pd

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