



Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Automotive	Automotive Basics (1 credit)	Automotive Technology I: Maintenance and Light Repair (2 credits) <i>Prerequisite: Automotive Basics</i>	Automotive Technology II: Automotive Service (2 credits) <i>Prerequisite: Automotive Technology I</i>	Choose 1 of the following: Practicum in Transportation Systems (2 credits) Career Preparation I: Auto (2 credits) OR Career Preparation I/ Extended Career Preparation: Auto (3 credits) <i>Prerequisite: Automotive Technology II</i>

Certifications / Certificate Opportunities Based on Program of Study
ASE Student Certification SP2 Environmental 609 HVAC Certification
Career and Technical Student Organization (CTSO)
SkillsUSA

Additional Course Information
Fees: Career and Technical Student Organizations are co-curricular to the curriculum. Although membership is not required, it is highly encouraged for students to join their local CTSO chapter. Fees may apply.
Location: Courses shaded in gray will be taught at the Keller Center for Advanced Learning.

Automotive Basics

TEDS: 13039550

Credit: 1

Grade: 9-11

Recommended prerequisite: None

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows 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. **This course is offered in the traditional classroom and online through the Keller ISD Virtual Learning program.**



KISD: 82730

Automotive Technology I: Maintenance and Light Repair

TEDS: 13039600

KISD: 82731

Credit: 2

Grade: 10-12

Recommended prerequisite: Automotive Basics

This course is designed to include knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. It includes applicable safety and environmental rules and regulations. 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.

Automotive Technology II:

Automotive Services

TEDS: 13039700

KISD: 82732

Credit: 2

Grade: 11-12

Recommended prerequisite: Automotive Technology I: Maintenance and Light Repair

This course is designed to include knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. It includes applicable safety and environmental rules and regulations. 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.

Practicum in Transportation Systems

TEDS: 13040450

KISD: 82762

Credit: 2

Grade: 12

Recommended prerequisite: Automotive Technology II: Automotive Services

The Transportation, Career Cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also covers related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance. This practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

Career Preparation I: Auto

TEDS: 12701300

KISD: 8204

Credit: 2

Grade: 11-12

Recommended prerequisite: 3 credits of Automotive Technology courses

This course is a work-based instructional arrangement, which develops essential knowledge and skills through classroom, technical knowledge and on the job internships in any approved career-tech specific training area. Internship placement must be teacher approved and fall within the guidelines and requirements in order for students to qualify for enrollment in this program. The student must work an average of 10 hours per week.

Career Preparation I/

Extended Career Preparation: Auto

TEDS: 12701305

KISD: 82013

Credit: 3

Grade: 11-12

Recommended prerequisite: 3 credits of Automotive Technology courses

This course is a work-based instructional arrangement, which develops essential knowledge and skills through classroom, technical knowledge and on the job internships in any approved career-tech specific training area. Internship placement must be teacher approved and fall within the guidelines and requirements in order for students to qualify for enrollment in this program. The student must work an average of 15 hours per week.

