



# Transportation, Distribution, and Logistics

## Automotive Technology



### AUTOMOTIVE TECHNOLOGY COURSE PATHWAY



EXPLORATION Automotive Basics



INVESTIGATION Automotive Technology I



PREPARATION Automotive Technology II



APPLICATION Practicum in Transportation Systems  
Career Preparation I (optional)

#### EXPANDED LEARNING OPPORTUNITIES

Career & Technical  
Student Organization

SkillsUSA

Work-based Learning

Local automotive  
dealership, repair or  
body shop

The Automotive program of study teaches students how to repair and refinish automobiles and service various types of vehicles. Students may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.

#### INDUSTRY BASED CERTIFICATION OPPORTUNITIES

- ASE Entry Level Automobile Maintenance and Light Repair
- ASE Entry-Level Automobile Automatic Transmission/Transaxle
- ASE Entry-Level Automobile Brakes
- ASE Entry-Level Automobile Electronic/Electrical Systems
- ASE Entry-Level Automobile Engine Performance
- ASE Entry-Level Automobile Engine Repair
- ASE Entry-Level Automobile Heating and Air Conditioning
- ASE Entry-Level Automobile Manual Drive Train and Axles
- ASE Entry-Level Automobile Service Technology
- ASE Entry-Level Automobile Suspension and Steering

#### DUAL CREDIT OPPORTUNITIES

Discuss dual credit opportunities with your counselor

## POSTSECONDARY OPPORTUNITIES

### ASSOCIATE'S DEGREE

- ◆ Automotive Technician
- ◆ Medium/Heavy Vehicle and Truck Technology/Technician
- ◆ Mechanical Engineering/Mechanical Technology/Technician

### BACHELOR'S DEGREE

- ◆ Mechanical Engineering/Mechanical Technology/Technician

### MASTER'S, DOCTORAL, & PROFESSIONAL DEGREES

- ◆ Mechanical Engineering

## CONNECTED OCCUPATIONS

Occupation	Median Wage	Annual Openings	% Growth
Automotive Service Technician and Mechanics	\$38,459	5,557	18%
Automotive Body and Related Repairers	\$40,144	1,456	25%

Successful completion of the Automotive Technology program of study fulfills requirements of a Business and Industry endorsement.

### Temple ISD Course Details

COURSE NAME	PREREQUISITES	GRADES	TISD COURSE CODE	SERVICE ID and COURSE CREDIT
Automotive Basics	None	9-12	V13394 <sup>+</sup>	13039550 (1 credit)
Automotive Technology I	Automotive Basics	10-12	V13396 <sup>+</sup>	13039600 (2 credits)
Automotive Technology II	Automotive I	11-12	V13397 <sup>+</sup>	13039700 (2 credits)
Practicum in Transportation Systems*	Automotive Technology II or Paint & Refinishing	12	V16100	13040455 (3 credits)
Career Preparation I (optional)	Applications of Computer Science*	12	V12410	12701300 (2 credits)
Extended Career Preparation I (optional)	Applications of Computer Science*	12	V12713	12701305 (3 credits)

\*Applications of Computer Science= Practicum in STEM offered as a 1 period course

\*\*Travel and costs are associated with this course

<sup>+</sup>Minimum courses required to meet CTE Completer status

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