

# AUTOMOTIVE TECHNOLOGY



## PROGRAM DETAILS

At TSTC, your lab is an automotive shop equipped with lifts, computerized equipment, tools and more. All TSTC instructors are certified by the Automotive Service Excellence Educational Foundation, the gold standard of certification. You're sure to get the qualified training you need for the job.



### Automotive Technology Pathway

Course	Course Name	Credit Hours
AUMT 1305	Introduction to Automotive Technology	3
AUMT 1307	Automotive Electrical Systems	3
AUMT 1416	Automotive Brake Systems	4
AUMT 1310	Automotive Suspension and Steering Systems	3

### Automotive Technology Program of Study

Automotive technicians apply troubleshooting skills to diagnose and repair vehicles on the job. They specialize in repairing vehicles that use advanced diagnostic computers. They interpret a vehicle's diagnostic codes to assess errors and make a plan to proceed with the repairs. As a technician, you may have specialize in working on one or more car brands.

TSTC AWARDS	Median Wage
Certificate II	\$16-\$22/Hour
Associate of Applied Science	\$16-\$24/Hour

## CAREER OPPORTUNITIES



### Industry-Based Certifications

- ASE Automotive Maintenance and Light Repair (MR)
- ASE Entry-Level Electronic/Electrical Systems (EE)
- ASE Entry-Level Suspension and Steering (SS)
- ASE Entry-Level Brakes

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You have great opportunities to develop specializations in particular vehicle manufacturers. TSTC offers training specializations in Tesla, Toyota and Chrysler vehicles at our Waco campus. These specialization programs have special requirements, so check those requirements before enrolling.

# Automotive Technology Course Information (PEIMS)

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>AUMT 1305 Intro to Automotive Technology/</b> Small Engine Technology I	13040000 (1 credit)	Small Engine Technology I	None

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>AUMT 1307 Automotive Electrical Systems/</b> Automotive Technology I: Maintenance and Light Repair	13039600 (2 credits)	None	None
<b>AUMT 1416 Suspension and Steering/</b> Energy and Power of Transportation Systems	13039300 (1 credit)	None	None

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>AUMT 1310 Automotive Brake Systems/</b> Automotive Technology II: Automotive Service/ Advanced Transportation Systems Lab	13039710 (3 credits)	Automotive Technology I: Maintenance and Light Repair	None