



Automotive Technology Associate of Applied Science

AAS. AUMT
2023-2024

Texas Southmost College
Division of Business, Engineering, Architecture, and Technology

The Automotive Technology Program prepares students for positions in the automotive industry by providing hands-on training specializing in auto-mechanic practices, equipment and tools, vehicle subsystems, auto-mechanic maintenance, and professional responsibility. Upon completion of this associate degree, the student is able to enter the automotive industry as a B level technician.

Recommended Course Sequence

FIRST YEAR – FALL SEMESTER	Credits	Core/ Program
AUMT 1305* Introduction to Automotive Technology	3	Program
AUMT 1407* Automotive Electrical Systems	4	Program
AUMT 1310* Automotive Brake Systems	3	Program
ENGL 1301* Composition I	3	Core
XXXX X3XX† Language, Philosophy & Culture/Creative Arts Elective	3	Core
FIRST YEAR – SPRING SEMESTER	Credits	Core/ Program
AUMT 2317* Automotive Engine Performance Analysis I	3	Program
AUMT 1316* Automotive Suspension and Steering Systems	3	Program
AUMT 1345* Automotive Climate Control Systems	3	Program
AUMT 1419* Automotive Engine Repair	4	Program
MATH 1332* Contemporary Mathematics	3	Core
SECOND YEAR – FALL SEMESTER	Credits	Core/ Program
AUMT 2334* Automotive Engine Performance Analysis II	3	Program
AUMT 2301* Automotive Management	3	Program
AUMT 2337* Automotive Electronics	3	Program
AUMT 2313* Automotive Drive Train and Axles	3	Program
SPCH 1315 Public Speaking or SPCH 1318 Interpersonal Communication	3	Core
SECOND YEAR – SPRING SEMESTER	Credits	Core/ Program
AUMT 2425* Automotive Automatic Transmission and Transaxle	4	Program
AUMT 2328* Automotive Service	3	Program
AUMT 2388* Internship – Automobile/Automotive Mechanics Technology/Technician	3	Program
XXXX X3XX† Social & Behavioral Sciences Elective	3	Program
Total Credit Hours for Graduation	60	

Check course core designation at the [Class Availability website](#).

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.

*Grade of "C" or better is required for graduation.

†Students may take any course within this category of the TSC General Education Core Curriculum.



Automotive Technology
TEXAS SOUTHMOST COLLEGE

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Students of the Automotive Technology program will demonstrate their abilities to diagnose and repair any concern in the different automotive areas.
2. Students of the Automotive Technology program will demonstrate and understand safety procedures, professional and responsible work practices.
3. Students of the Automotive technology program will show the proper use of shop equipment and tools.