

**Automotive Technology
Associate of Applied Science**

Texas Southmost College
Health Care, Career and Technical Education Division

A degree in Automotive Technology will prepare students for positions as an auto-mechanic. This degree prepares the student to utilize appropriate safety procedures, perform tasks included in the degree plan to determine extend of auto-mechanic practices, type of equipment and tools, vehicle subsystems, auto-mechanic maintenance and professional responsibility.

| FIRST YEAR - FALL SEMESTER | CREDIT HOURS |
|---|---------------------|
| ENGL 1301 ⁺ Composition I | 3 |
| AUMT 1253 Automotive Electrical Systems Theory..... | 2 |
| AUMT 1249 Automotive Electronics Theory | 2 |
| AUMT 1305 Introduction to Automotive Technology | 3 |
| AUMT 2205 Automotive Engine Theory | 2 |
| XXXX X3XX ¹ Language, Philosophy & Culture/Creative Arts Elective..... | 3 |

| FIRST YEAR - SPRING SEMESTER | |
|---|---|
| AUMT 2215 Automotive Engine Performance Analysis Theory 1..... | 2 |
| AUMT 1407 Automotive Electrical Systems | 4 |
| AUMT 1213 Automotive Suspension and Steering Systems Theory..... | 2 |
| AUMT 1257 Automotive Brake Systems Theory | 2 |
| AUMT 1266 Practicum (or Field Experience) – Automobile/Automotive Mechanics Technology/Technician | 2 |
| MATH 1314 ⁺ College Algebra | 3 |

| SECOND YEAR - FALL SEMESTER | |
|--|---|
| AUMT 1310 Automotive Brake Systems | 3 |
| AUMT 1316 Automotive Suspension and Steering Systems | 3 |
| AUMT 2388 Internship Automobile/Automotive Mechanics Technology/Technician | 3 |
| AUMT 2313 Automotive Drive Train and Axles | 3 |
| SPCH 1315 Public Speaking OR SPCH 1318 Interpersonal Communication | 3 |

| SECOND YEAR - SPRING SEMESTER | |
|--|---|
| XXXX X3XX ² Social and Behavior Science Elective | 3 |
| AUMT 2323 Automotive Automatic Transmission and Transaxle Theory | 3 |
| AUMT 1341 Automotive Climate Control Systems..... | 3 |
| AUMT 1345 Automotive Climate Control Systems..... | 3 |
| AUMT 2325 Automotive Automatic Transmission and Transaxle..... | 3 |

TOTAL CREDIT HOURS FOR GRADUATION - 60

⁺ Grade of “C” or better is required for graduation.

¹ Language, Philosophy & Culture/Creative Arts Elective(s): Any General Education Core course that meets these categories

² Social and Behavioral Sciences Elective(s): Any General Education Core course that meets these categories.

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.

A minimum grade of “C” must be obtained in each (AUMT) course required in the degree plan.