



Certificate in Automotive Technology 2025 – 2026 Academic Plan

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor’s degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an [Advising Specialist](#) or full-time Faculty Advisor.

| Academic Plan: Fall 1 st Year | | | Notes |
|--|--|---------|--|
| Requirement | Course | Credits | |
| FYEX | *First Year Experience | 1 | <ul style="list-style-type: none"> AUT100 with a grade of “C” or better is a prerequisite for AUT131. AUT100, 131, and 132 with grades of “C” or better are prerequisites for AUT141. AUT141 and AUT142 with grades of “C” or better are prerequisites for future coursework. AUT131 and 132 are corequisites. AUT141 and 142 are corequisites. |
| CORE | AUT100 Automotive Shop Safety | 1 | |
| CORE | AUT131 Automotive Brake Systems | 2 | |
| CORE | AUT132 Automotive Brake Systems Lab | 4 | |
| CORE | AUT141 Automotive Steering and Suspension Syst | 3 | |
| CORE | AUT142 Automotive Steering and Suspension Syst Lab | 3 | |
| Total Credits | | 14 | |
| Academic Plan: Spring 1 st Year | | | Notes |
| Requirement | Course | Credits | |
| MATH | MTH105 Industrial Math | 3 | <ul style="list-style-type: none"> AUT141, 142, 151, and 152 with grades of “C” or better are prerequisites for AUT161. AUT151 and 152 are corequisites. AUT161 and 162 are corequisites. |
| CORE | AUT151 Automotive Engine Repair | 1 | |
| CORE | AUT152 Automotive Engine Repair Lab | 3 | |
| CORE | AUT161 Intro to Engine Performance | 1 | |
| CORE | AUT162 Intro to Engine Performance Lab | 3 | |
| Total Credits | | 11 | |
| Total Program Credits | | 25 | |

*For a list of elective and general education courses visit, the [degree/certificate plan webpage](#).

^This general education requirement must be met by a MOTR equivalent course; see [MOTR webpage](#).

The Computer Literacy (CPLT) requirement must be completed with a grade of “C” or better.