



Associate of Applied Science 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"> MTH105 is a prerequisite for future coursework. 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.
MATH	MTH105 Industrial Math	3	
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		17	
Academic Plan: Spring 1 st Year			Notes
Requirement	Course	Credits	
WCOM^	ENG101 English Composition I	3	<ul style="list-style-type: none"> AUT141, 142, 151, and 152 with grades of “C” or better are prerequisites for AUT161. AUT161 and AUT162 are prerequisites for future coursework. AUT151 and 152 are corequisites. AUT161 and 162 are corequisites.
MT/SC	*Mathematical Science OR Natural Science	3	
CIVI^	*Civics and PSC001 MO Civics Requirement	3	
CPLT	*Computer Literacy	3	
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		20	
Academic Plan: Fall 2 nd Year			Notes
Requirement	Course	Credits	
SBSC^	*Social and Behavioral Science	3	<ul style="list-style-type: none"> AUT201 and 202 with grades of “C” or better are prerequisites for AUT211. AUT211 and 212 with grades of “C” Or better are prerequisites for future coursework. AUT201 and 202 are corequisites. AUT211 and 212 are corequisites.
CORE	AUT201 Basic Electrical/Electronics Systems	4	
CORE	AUT202 Basic Electrical/Electronics Systems Lab	5	
CORE	AUT211 Advanced Engine Performance	2	
CORE	AUT212 Advanced Engine Performance Lab	3	
CORE	AUT258 Automotive Industry Management	2	
Total Credits		19	
Academic Plan: Spring 2 nd Year			Notes
Requirement	Course	Credits	
CO/HU^	*Communications OR Humanities	3	<ul style="list-style-type: none"> AUT221 and 222 with grades of “C” or better are prerequisites for AUT251. AUT221 and 222 are corequisites. AUT231 and 232 are corequisites. AUT251 and 252 are corequisites.
CORE	AUT221 Adv Automotive Electrical/Electronic Syst	2	
CORE	AUT222 Adv Automotive Electrical/Electronic Syst Lab	3	
CORE	AUT231 Driveline Diagnosis and Service	2	
CORE	AUT232 Driveline Diagnosis and Service Lab	3	
CORE	AUT251 Automotive Heating/AC Systems	2	
CORE	AUT252 Automotive Heating/AC Systems Lab	3	
Total Credits		18	
Total Program Credits		74	

*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.