



Automotive Technology

Associate in Applied Science

Five Semester Pathway Academic Year 2025-2026

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	Certificate Program	My Plan		
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway				1				
MATH 130	Technical Mathematics		MATH 040		3				
AUTO 105	Automotive Maintenance & Light Repair		Program acceptance		3				
AUTO 155	Electricity and Electronics I		Program acceptance	AUTO 105, MATH 130	4				
AUTO 160	Automotive Business Operations		Program Acceptance		2				
Semester 2									
AUTO 111	Steering & Suspension 1 (1st 8 weeks)		AUTO 105, AUTO 155	AUTO 112	1				
AUTO 112	Steering & Suspension 2 (2nd 8 weeks)		AUTO 105	AUTO 111, AUTO 205	3				
AUTO 116	Brakes 1 (1st 8 weeks)		AUTO 105, AUTO 155	AUTO 117, AUTO 205	2				
AUTO 117	Brakes 2 (2nd 8 weeks)		AUTO 105, AUTO 116, AUTO 155	AUTO 205	2				
AUTO 205	Electricity & Electronics II		AUTO 155		4				
COMM 105	Professional Communication for Job Market		ENGL 080		3				
AUTO 125	Maine State Inspection Exam Prep <u>elective</u> (this class will not be appropriate if student lives out of state, has bad driving record, or criminal background)				1				
Summer									
AUTO 174 AUTO 175 AUTO 176	Advanced Level Lab Internship/Cooperative Education OR Externship/Cooperative Education OR		AUTO 112, AUTO 117, AUTO 205		3				
ENGL 100	English Composition		ENGL 080		3				
	Social Science Elective	PSYC 100 Intro to Psychology		ENGL-080 or ENGL-101	3				
	Humanities and Arts Elective	ARTS 150 Metal Arts	MATH 040		3				
Semester 3									
AUTO 210	Engine Repair	Offered Fall Semester Only	AUTO 205	AUTO 260	4				
AUTO 215	Manual Transmission and Drivelines	Offered Fall Semester Only	AUTO 105		4				
AUTO 260	Engine Performance I	Offered Fall Semester Only	AUTO 205	AUTO 210	4				
ENGL 115 OR ENGL 117	Introduction to Literature OR Introduction to Professional Writing		ENGL 100		3				
Semester 4									
AUTO 170	Heating, Ventilation, & Air Conditioning	Offered Spring Semester Only	AUTO 205		3				
AUTO 265	Automatic Transmissions & Transaxles	Offered Spring Semester Only	AUTO 205		4				
AUTO 270	Engine Performance 2	Offered Spring Semester Only	AUTO 205		4				
PHYS 110	Technical Physics with Lab			MATH 040	4				
 Courses in the Chassis Systems Certificate				 Courses in the Powertrain Systems Certificate		Total Credits	70		

Automotive Technology

General Education Requirements						
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	CERTIFICATE PROGRAM	MET
ENGL 100	English Composition	ENGL 080		3		
ENGL 115 OR ENGL 117	Introduction to Literature OR Introduction to Professional Writing	ENGL 100 or ENGL 101		3		
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway			1		
MATH 130	Technical Mathematics	MATH 040		3		
PHYS 110	Technical Physics with Lab		MATH 040	4		
	Fine Arts or Humanities Elective			3		
COMM 105	Professional Communication for Job Market	ENGL 080		3		
	Social Science Electives			3		

Major Required Courses						
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	CERTIFICATE PROGRAM	MET
AUTO 105* (see below)	Automotive Maintenance & Light Repair	AUTO program acceptance		3		
AUTO 111*	Steering and Suspension I (1st 8 weeks)	AUTO 105, AUTO 155	AUTO 112	1		
AUTO 112	Steering and Suspension II (2nd 8 weeks)	AUTO 105	AUTO 111, AUTO 205	3		
AUTO 116* (see below)	Brakes I (1st 8 weeks)	AUTO 105, AUTO 155	AUTO 117, AUTO 205	2		
AUTO 117	Brakes II (2nd 8 weeks)	AUTO 105, AUTO 116, AUTO 155	AUTO 205	2		
AUTO 155* (see below)	Electricity and Electronics	AUTO Program Acceptance	AUTO 105, MATH 130	4		
AUTO 160	Automotive Business Operations	AUTO program acceptance		2		
AUTO 170	Automotive HVAC	AUTO 205		3		
Choose One:	AUTO 174 Advanced Level Lab, or AUTO 175 Internship/Coop Education, or AUTO 176 Externship/Coop Education	AUTO 112, AUTO 117, AUTO 205		3		
AUTO 205	Electricity and Electronics II	AUTO 155		4		
AUTO 210	Engine Repair	AUTO 205	AUTO 260	4		
AUTO 215	Manual Transmissions and Drivelines	AUTO 105		4		
AUTO 260	Engine Performance I	AUTO 205	AUTO 210	4		
AUTO 265	Automatic Transmissions & Transaxles	AUTO 205		4		
AUTO 270	Engine Performance II	AUTO 205		4		

***IMPORTANT NOTE:** If you took Automotive courses in high school, please contact Molly Caso at (207) 741-5605.

You may be able to get credit for AUTO 105, AUTO 111, AUTO 116, AUTO 155 & AUTO 175, and therefore move directly into a higher level Automotive course your first semester.

 **Courses in the Chassis Systems Certificate**

 **Courses in the Powertrain Systems Certificate**