



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 102		4		
AUTO 260	Engine Performance I	Offered Fall Semester Only	AUTO 205	AUTO 210	4		
ENGL 115 OR ENGL 117	Introduction to Literature Introduction to Professional Writing		ENGL 100 or ENGL 101		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		

[Advice on Choosing Electives](#)

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 ENGL117	Introduction to Literature 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 102		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