








































**Automotive Technology
Associate in Applied Science
Five Semester Pathway Academic Year 2021-2022**

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	Certificate Program	My Plan
FIGS 100	Student Success Elective				1		
MATH 130 AT	Technical Mathematics		MATH 030		3		
AUTO 101	Introduction to Automotive		Program acceptance	AUTO 102	1		
AUTO 102	Automotive Maintenance and Light Repair			AUTO 101	2		
AUTO 155	Electricity and Electronics I		Program acceptance	AUTO 101, AUTO 102, MATH 130 AT	4		
AUTO 160	Automotive Business Operations		Program Acceptance		2		
Semester 2							
AUTO 111	Steering & Suspension 1		AUTO 102, AUTO 155	AUTO 112, AUTO 205	2		
AUTO 112	Steering & Suspension 2		AUTO 102, AUTO 111, AUTO 155	AUTO 205	2		
AUTO 116	Brakes 1		AUTO 102, AUTO 155	AUTO 117, AUTO 205	2		
AUTO 117	Brakes 2		AUTO 102, AUTO 116, AUTO 155	AUTO 205	2		
AUTO 205	Electricity & Electronics II		AUTO 155		4		
COMM 105	Professional Communication for Job Market		ENGL 090		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 175	Internship/Cooperative Education OR		AUTO 112, AUTO 117, AUTO 205		3		
AUTO 176	Externship/Cooperative Education OR						
AUTO 174	Advanced Level Lab						
ENGL 100	English Composition		ENGL 090 & ENGL 095		3		
	Social Science Elective	PSYC 100 Intro to Psychology			3		
	Humanities and Arts Elective	ARTS 150 Metal Arts			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	Introduction to Literature		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 030	4		

Automotive Technology

General Education Requirements						
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	CERTIFICATE PROGRAM	MET
ENGL 100	English Composition	ENGL 090, ENGL 095		3		
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3		
FIGS 100	Student Success Elective			1		
MATH 130 AT	Technical Mathematics	MATH 030		3		
PHYS 110	Technical Physics with Lab		MATH 030	4		
	Fine Arts or Humanities Elective			3		
COMM 105	Professional Communication for Job Market	ENGL 090		3		
	Social Science Electives			3		

Major Required Courses						
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	CERTIFICATE PROGRAM	MET
AUTO 101* (see below)	Introduction to Automotive Technology	AUTO program acceptance	AUTO 102	1		
AUTO 102* (see below)	Automotive Maintenance & Light Repair	AUTO program acceptance	AUTO 101	2		
AUTO 111*	Steering and Suspension I	AUTO 102, AUTO 155	AUTO 112, AUTO 205	2		
AUTO 112	Steering and Suspension II	AUTO 102, AUTO 111, AUTO 155	AUTO 205	2		
AUTO 116* (see below)	Brakes I	AUTO 102, AUTO 155	AUTO 117, AUTO 205	2		
AUTO 117	Brakes II	AUTO 102, AUTO 116, AUTO 155	AUTO 205	2		
AUTO 155* (see below)	Electricity and Electronics	AUTO Program Acceptance	AUTO 101, AUTO 102, MATH 130 AT	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 1	AUTO 205	AUTO 210	4		
AUTO 265	Automatic Transmissions & Transaxles	AUTO 205		4		
AUTO 270	Engine Performance 2	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 101, AUTO 102, 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**