

SUNY Canton Automotive Technology (AUTO) – A.A.S (525)			Fall 2024
1 st Semester		Credit	
MATH 101	Applied College Mathematics ¹	4	
AUTO 112	Automotive Electrical Systems	3	
AUTO 122	Automotive Electrical Systems Lab	1	
AUTO 101	Automotive Service	2	
AUTO 111	Automotive Service Lab	1	
AUTO 104	Basic Welding	2	
ENGL 101	Composition & The Spoken Word (GER 10)	3	
		16	
2 nd Semester			
AUTO 113	Engine Performance I	3	
AUTO 114	Engine Performance I Lab	1	
AUTO 141	Automotive Brake Systems	3	
AUTO 144	Automotive Brake Systems Lab	1	
AUTO102/103	Diesel Engines –or- Automotive Air Conditioning ³	2	
		3	
		3	
		16	
3 rd Semester			
AUTO 213	Engine Performance II	4	
AUTO 218	Automotive Engine Repair ⁴	3	
AUTO 241	Suspension Design and Services	2	
AUTO 225	Drivelines and Manual Transmissions	3	
AUTO 282	Suspension Design and Services Lab	1	
PHYS 115	Basic Physics ² (GER 2)	4	
		17	
4 th Semester			
AUTO 212	Automotive Electrical Systems II	4	
AUTO 214	Automotive Computer Systems	3	
AUTO 230	Service Mgt. and Operations	1	
AUTO 240	Hybrids and Electric Vehicles	3	
		3	
		14	

NOTES:

- 1 Mathematics level depends on previous preparation. Applied College Mathematics (MATH 101) is the minimum requirement. Math 106 Intermediate Algebra or higher maybe substituted.
- 2 PHYS 121/125 – College Physics I lecture/lab may substitute if student meets prerequisites
- 3 One required. Courses offered alternating years
- 4 Writing Intensive course
- 5 GER's can be taken in a different order than suggested if desired GER cannot fit into schedule.

Graduation Requirements: Total Semester Credit Hours – 63 G.P.A. 2.0 min.