

SUNY Canton Automotive Technology – AOS (525)			Fall 2026	
1 st Semester			Credit	Term
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 1 & 2)	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		
AUTO 102 or AUTO 103	Diesel Engines –or- Automotive Air Conditioning	2		
AUTO 221	Automotive Transmissions	4		
	DEISJ Elective (GER 3)	3		
		17		
3 rd Semester				
AUTO 213	Engine Performance II	4		
AUTO 218	Automotive Engine Repair ³	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	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		
AUTO 102 or AUTO 103	Diesel Engines –or- Automotive Air Conditioning	2		
		13		

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 Writing Intensive course.

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