

SUNY Canton Mechanical Engineering Technology – A.A.S. (493)			Fall 2026	
1 st Semester		Credit	Term	Grade
MATH 123	Pre-Calculus	4		
MECH 121	Manufacturing Processes I	3		
ENGS 101	Introduction to Engineering	2		
PHYS 121/131	College/University Physics I	3		
PHYS 125/135	Physics Lab 1	1		
MECH 101	Drawing for Engineers	1		
		14		
2 nd Semester				
MATH 161	Calculus I	4		
ENGL 101	Composition & The Spoken Word	3		
PHYS 122/132	College/University Physics II	3		
PHYS 126/136	Physics Lab 2	1		
MECH 102	Parametric Modeling	2		
MECH 122	Introduction to 3D Printing	1		
	Program Elective ¹	2		
		16		
3 rd Semester				
	Program Elective ¹	3		
ENGS 201	Statics	3		
MECH 261	MET Electricity	4		
MECH 241 / ENGS 314	Fluid Mechanics / Fluid Mechanics I	3		
MECH 242	Fluid Power Lab	1		
	GER (6, 7, 8, 9, 10, 11) ³	3		
		17		
4 th Semester				
ENGS 203	Engineering Strength of Materials	3		
MECH 220	Engineering Materials	3		
MECH 221	MET Lab ²	1		
	Program Elective ¹	3		
MECH 303	GD&T (Geometric Dimensioning and Tolerancing)	2		
	Diversity Elective (GER 3)	3		
		15		

NOTES:

- 1 Program electives selected from ACHP, AREA, ENGS, CITA, CONS, ELEC, MATH, MECH, SOET designators and AUTO 104. If going into the 4-yr MET, take MATH 162 (Calculus II) and MECH 301/ENGS 202.
- 2 Writing intensive course.
- 3 GER elective – Must have GER (1/2, 3, 4, 5) and 20 total credits. Select one more from 6-11:

Complete OSHA 10 Hr. Safety Course

Graduation Requirements: Total Semester Credit Hours – 62 G.P.A. 2.0 min.