

Program Advising Sheet

SUNY Canton Mechanical Engineering Technology (MET) – A.A.S (493)				Fall 2022	
Program Coordinator: Dr. Craig    Advisors: Dr. Craig					
1 <sup>st</sup> Semester			Credit	Term	Grade
MATH 123	Pre-Calculus	(GER 1)	4		
MECH 121	Manufacturing Processes I		3		
ENGS 101	Introduction to Engineering		2		
PHYS 121/131	College/University Physics I	(GER 2)	3		
PHY 125/135	Physics Lab 1	(GER 2)	1		
MECH 101	Drawing for Engineers		1		
			14		
2 <sup>nd</sup> Semester					
MATH 161	Calculus I	(GER 1)	4		
ENGS 201	Statics		3		
ENGL 101	Composition & The Spoken Word	(GER 10)	3		
PHYS 122/132	College/University Physics II		3		
PHYS 126/136	Physics Lab 2	(GER 2)	1		
MECH 102	Parametric Modeling		2		
			16		
3 <sup>rd</sup> Semester					
	Elective <sup>2</sup>		3		
ENGS 203	Engineering Strength of Materials		3		
ELEC 261	Electricity		4		
ENGS 314	Fluid Mechanics I		3		
MECH 242	Fluid Power lab		1		
	Humanities	(GER 7, 8, or 9)	3		
			17		
4 <sup>th</sup> Semester					
ELEC 141	Industrial Controls		2		
ENGS 350	Mechanics of Machine Elements		4		
MECH 220	Engineering Materials <sup>3</sup>		3		
	Elective		3		
	Social Science Elective	(GER 3, 4, 5, or 6)	3		
MECH 303	GD&T (Geometric Dimensioning and Tolerancing)		2		
			17		

**NOTES:**

- 1     Program electives selected from ACHP, AREA, ENGS, CITA, CONS, ELEC, MATH, MECH, SOET designators and AUTO 104
- 2     If going into the 4-yr MET, take MATH 162 (calc II)
- 3     Writing intensive course

**Completed OSHA 10 Hr. Safety Course and Certification is on Record:**    YES/NO

**Graduation Requirements: Total Semester Credit Hours – 64 G.P.A. 2.0 min.**

STUDENT \_\_\_\_\_ CERTIFIED FOR GRADUATION    YES / NO

SSN \_\_\_\_\_ CERTIFIED BY \_\_\_\_\_

CLASS OF \_\_\_\_ G.P.A. 1 \_\_\_\_ 2 \_\_\_\_ 3 \_\_\_\_ 4 \_\_\_\_ TOTAL G.P.A. \_\_\_\_\_