Program Advising Sheet

SUNY Canton Mechanical Engineering Technology (MET) – A.A.S (493)			Fall 2023
Program Coordinator: Advisors: Dr. Craig, Cullen Haskins, Dr. PS			

1st 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		
2nd 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		
	Elective[1]	2		
		16		
3rd Semester				
	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		
4th Semester				
ENGS 203	Engineering Strength of Materials	3		
ENGS 205	Material Science	3		
MECH 221	MET Lab[2]	1		
	Elective[1]	3		
MECH 303	GD&T (Geometric Dimensioning and Tolerancing)	2		
	Diversity Elective	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:

GER Elective Course must come from the following list:

GER 1 Communication (Written)   GER 4 Mathematics   GER 7 Social Science   GER 10 World History and Global Awareness
GER 2 Communication (Oral)   GER 5 Natural Science   GER 8 Arts   GER 11 World Languages
GER 3 Diversity   GER 6 Humanities   GER 9 US History and Civic Engagement

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

Graduation Requirements: Total Semester Credit Hours – 62   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._____