

SUNY Canton Mechanical Engineering Technology (MET) – A.A.S (493)				Fall 2015	
Program Coordinator: Daniel Miller    Advisors: D. Miller					
1 <sup>st</sup> Semester			Credit	Term	Grade
ENGL 101/102	Exp. Writing -or- Oral and Written Expression	(GER 10)	3		
MATH 123	Pre Calculus Algebra	(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	Physics Lab 1	(GER 2)	1		
			16		
2 <sup>nd</sup> Semester					
CONS 172	Technical Statics		3		
MATH 161	Calculus I	(GER 1)	4		
MECH 112	3D Modeling		3		
	Program Elective		3		
PHYS 122/132	College/University Physics II		3		
PHYS 126	Physics Lab 2	(GER 2)	1		
			17		
3 <sup>rd</sup> Semester					
CONS 272	Strength of Materials for Technology		3		
ELEC 261	Electricity		4		
MECH 241	Fluid Mechanics		3		
MECH 242	Fluid Power Lab		1		
	Program Elective		3		
	Social Science Elective	(GER 3)	3		
			17		
4 <sup>th</sup> Semester					
ELEC 141	Industrial Controls		2		
MECH 232	Machine Design		3		
MECH 220	Engineering Materials <sup>2</sup>		3		
	Program Elective		3		
	Humanities Elective	(GER 7)	3		
			14		

### NOTES:

- 1      Program electives selected from ACHP, AREA, CONS, MATH, MECH, SOET designators
- 2      Writing intensive course

### 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. \_\_\_\_\_