

SUNY Canton Mechanical Engineering Technology (MET) – A.A.S (493)			Fall 2014		
Program Coordinator: Daniel Miller Advisors: D. Miller					
1 st 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 nd Semester					
CONS 172	Technical Statics		3		
MATH 161	Calculus I	(GER 1)	4		
MECH 103	Intro to HVAC-R		3		
MECH 112	3D Modeling		3		
PHYS 122/132	College/University Physics II		3		
PHYS 126	Physics Lab 2	(GER 2)	1		
			17		
3 rd 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 (100 or 200 level) ¹		3		
	Social Science Elective	(GER 3)	3		
			17		
4 th Semester					
ELEC 141	Industrial Controls		2		
MECH 232	Machine Design		3		
MECH 220	Engineering Materials		3		
	Program Elective (100 or 200 level) ¹		3		
	Humanities Elective	(GER 7)	3		
			14		

NOTES:

1 Program electives are lower level (100 or 200) from MECH course listing.

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. _____