Program Advising Sheet

SUNY Canton HVAC Engineering Technology (ACET) – A.A.S (444)			Fall 2020	
Program Coordinator: Michael Newtown Advisors: Michael Newtown				
1st Semester		Credit	Term	Grade
ENGL 101	Composition & The Spoken Word (GER 10)	3		
MATH 123	Pre-Calculus Algebra (GER 1)	4		
ENGS 101	Introduction to Engineering	2		
SOET 116	Introduction to CAD	2		
PHYS 121/131	College/University Physics I (GER 2)	3		
PHY 125/135	Physics Lab 1 (GER 2)	1		
		15		
2nd Semester				
	Humanities Elective (GER 7)	3		
MATH 161	Calculus I (GER 1)	4		
MECH 103	Intro to HVAC-R	3		
SOET 250	Introduction to 3D CAD and BIM	2		
PHYS 122/132	College/University Physics II	3		
PHYS 126/136	Physics Lab 2 (GER 2)	1		
		16		
3rd Semester				
ACHP 243	Air Conditioning I	3		
ACHP 253	Domestic & Commercial Heating I [1]	4		
ELEC 261	Electricity	4		
ENGS 102	Programming for Engineers	2		
MECH 241	Fluid Mechanics	3		
MECH 242	Fluid Power Lab	1		
		17		
4th Semester				
ACHP 254	Domestic and Commercial Heating II	4		
ACHP 264	Air Conditioning System Design	1		
CITA 220	Data Communications and Network Technology	3		
CITA 221	Data Communications and Network Technology Lab	1		
ELEC 141	Industrial Controls	2		
	GER Elective (GER 3,4,5,6)	3		
		14		

NOTES:
1   Writing intensive course

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._____