

SUNY Canton HVAC Engineering Technology (ACET) – A.A.S (444)				Fall 2021	
Program Coordinator: Michael Newtown				Advisors: Michael Newtown	
1 st 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		
2 nd 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		
3 rd 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		
4 th 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:

¹Writing intensive course

Graduation Requirements: Total Semester Credit Hours – 62; G.P.A. 2.0 min.

STUDENT _____ CERTIFIED FOR GRADUATION YES / NO

ID _____ CERTIFIED BY _____

CLASS OF _____ G.P.A. 1 _____ 2 _____ 3 _____ 4 _____ TOTAL G.P.A. _____