

<b>SUNY Canton Air Conditioning Engineering Technology (ACET) – A.A.S (444)</b>				<b>Fall 2015</b>	
Program Coordinator:		Advisors:			
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		
ENGS 101	Introduction to Engineering		2		
SOET 116	Introduction to CAD		2		
PHYS 121/131	College/University Physics I	(GER 2)	3		
PHY 125	Physics Lab 1	(GER 2)	1		
			15		
2 <sup>nd</sup> 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	Physics Lab 2	(GER 2)	1		
			16		
3 <sup>rd</sup> Semester					
ACHP 243	Air Conditioning I		3		
ACHP 253	Domestic & Commercial Heating I <sup>1</sup>		4		
ELEC 261	Electricity		4		
ENGS 102	Programming for Engineers		2		
MECH 241	Fluid Mechanics		3		
MECH 242	Fluid Power Lab		1		
			17		
4 <sup>th</sup> 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. \_\_\_\_\_**