

SUNY Canton HVAC Engineering Technology – (A.A.S.) – (444)					Fall 2025
Program Coordinator: Advisors: Mike Newtown					
Semester 1		Credit	Term	Grade	
ENGL 101	Composition and Spoken Word (GER 1&2)	3			
MATH 123	Pre-Calculus	4			
ENGS101	Intro to Engineering	2			
SOET 116	Computer Drafting	2			
PHYS 121/131	College or University Physics I	3			
PHYS 125/135	College or Univ. Physics Lab I	1			
		Credits	15		
Semester 2					
GER 6	Humanities Elective (GER 6)	3			
MATH 161	Calculus 1	4			
HVAC 101	Refrigeration I	2			
HVAC 102	Refrigeration I Lab	2			
SOET 250	Intro to 3D CAD and BIM	2			
CITA 220	Data Communications and Networking	3			
CITA 221	Data Communications and Networking Lab	1			
		Credits	17		
Semester 3					
ACHP 243	Air Conditioning I	3			
ACHP 253	Domestic and Comm. Heating I	4			
HVAC 201	HVAC Electrical and Motor Controls	2			
HVAC 202	HVAC Electrical and Motor Controls Lab	2			
MECH 241 or ENGS 314	Fluid Mechanics	3			
HVAC 110	Plumbing	3			
		Credits	17		
Semester 4					
ACHP 254	Domestic and Comm. Heating II	4			
ACHP 264	Air Conditioning System Design	1			
PHYS 122/133	College or University Physics II	3			
PHYS 126/136	College or Univ. Physics Lab II	1			
ACHP 201	Building Controls	3			
GER 3	GER Elective (Diversity)	3			
		Credits	15		
Total Credits			64		

Graduation Requirements: Total Semester Credit Hours – 64

STUDENT _____ CERTIFIED FOR GRADUATION YES/NO

CERTIFIED BY _____

CLASS OF _____ G.P.A. 1 2 3 4 5 6 7 8 _____