

SUNY Canton HVAC Engineering Technology – (A.A.S.) – (444)		Fall 2024
Semester 1		Credit
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 Lab	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