

HVAC Eng. Tech. 444

Fall 2023

Semester 1: Fall		Credit	Term	Grade	GER Categories
ENGL 101	Composition and Spoken Word GER 1&2	3			[1 &2] Commuciation: Written & Oral
MATH 123	Pre-Calculus	4			[3] Diversity: E, I, SJ
ENGS101	Intro to Engineering	2			[4] Mathematics
SOET 116	Computer Drafting	2			[5] Natural Science & Scientific Reasoning
PHYS 121/131	College or University Physics I	3			[6] Humanities
PHYS 125/135	College or Univ. Physics Lab I	1			[7] Social Science
		Credits	15		[8] Arts
Semester2: Spring					[9] Us History and Civic Engagement
GER 6	Huminiaties Elective GER 6	3			[10] World History and Global Awareness
MATH 161	Calculus 1	4			[11] World Languages
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		
Semster 3: Fall					
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/ ENGS 314	Fluid Mechanics	3			Student Information
HVAC 110	Plumbing	3			Name:
		Credits	17		
Semster 4: Spring					SUNYID:
ACHP 254	Domestic and Comm. Heating II	4			
ACHP 264	Air Conditioning System Design	1			Certified for Graduation:[Advisor Signature]
PHYS 122/133	College or University Physics II	3			
PHYS 126/136	College or Univ. Physics Lab II	1			Date:
ACHP 201	Building Controls	3			
GER 3	GER Elective Diversity	3			
		Credits	15		
Total Credits			64		