

Department: Construction Technology**Degree or Certificate: HVAC/R AAS****Program Curriculum Map: Created 1/13/15****Updated: 9/5/2018**

Program Outcome (PO) 1:	Understand basic Law of Thermodynamics and show proficient use of terminology associated with the HVAC/R industry. (SLO: Foundational Knowledge)
Program Outcome (PO) 2:	Demonstrate a working knowledge of core equipment and installation procedures with HVAC equipment from Residential through Industrial applications. (SLO: Application)
Program Outcome (PO) 3:	Show basic knowledge of electrical systems by demonstrating familiarity with the specific electrical wiring information. (SLO: Integration)
Program Outcome (PO) 4:	Through lab or field work, develop cooperation skills with other trades in the installation of HVAC equipment. (SLO: Human Dimension)
Program Outcome (PO) 5:	Perform HVAC equipment installations to meet EPA specifications and demonstrate a professional, clean, neat work ethic. (SLO: Caring)

	Course	PO 1	PO 2	PO 3	PO 4	PO 5
Introduction to HVAC/R	HVA101	I				
Fundamentals of Heating	HVA106	R	I	I		
Refrigeration Fundamentals	HVA122	R	I	I		
Residential and Commercial A/C	HVA126	A	R	R	I	I
Commercial A/C and Refrigeration	HVA132	R	A	A	R	R
EPA Certification	HVA136	R		A		A
Beginning Residential Electrical	ELE105					
Industrial Electrical	ELE142					
Adv. Industrial Electrical	ELE146					
Geothermal Technology	EGY145	I	R	A	A	R
Introduction to Plumbing	PLU101	I	I	I		
Plumbing Components	PLU105	R	R	A	I	I
Commercial Plumbing	PLU121	A	A	R	R	R

Program Code: 654

Introduce
Reinforce
Assess

