

HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY - HVA3

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 165	Professional Communications	3
MAT 170	Algebra, Geometry and Trigonometry I	3
or MAT 110	College Algebra	
MAT 171	Algebra, Geometry and Trigonometry II	3
or MAT 111	College Trigonometry	
Elective Social/Behavioral Sciences (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Subtotal		15
Required Core Subject Areas		
ACR 101	Fundamentals of Refrigeration	5
ACR 106	Basic Electricity for HVAC/R	4
ACR 110	Heating Fundamentals	4
ACR 122	Principles of Air Conditioning	5
ACR 160	Service Customer Relations	3
Subtotal		21
Other Courses Required for Graduation		
ACR 105	Tools and Service Techniques I	1
ACR 107	Wiring Diagrams	2
ACR 109	Tools and Service Techniques II	2
ACR 130	Domestic Refrigeration	4
ACR 131	Commercial Refrigeration	4
ACR 140	Automatic Controls	3
ACR 150	Basic Sheet Metal	2
ACR 210	Heat Pumps	4
ACR 223	Testing and Balancing	3
ACR 224	Codes and Ordinances	2
ACR 231	Advanced Refrigeration	4
CPT 101	Introduction to Computers	3
or CPT 169	Industrial Computer Applications	
Subtotal		34
Total Hours		70