

HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY, A.A.S. - HVA3

Graduation Plan

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
ACR 102	Tools and Service Techniques	3
ACR 106	Basic Electricity for HVAC/R	4
ACR 108	Refrigeration Fundamentals	3
ACR 150	Basic Sheet Metal	2
Hours		12

Spring Semester

ACR 118	Air Conditioning Fundamentals	3
ACR 131	Commercial Refrigeration	4
ACR 175	EPA 608 Certification Preparation	1
ACR 206	Advanced Electricity for HVAC/R	2
ACR 250	Duct Fabrication	3
Mathematical Requirement (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		16

Summer Semester

ACR 107	Wiring Diagrams	2
ACR 140	Automatic Controls	3
ACR 231	Advanced Refrigeration	4
Elective Behavioral Science (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		12

Second Year

Fall Semester

ACR 110	Heating Fundamentals	4
ACR 201	Troubleshooting and Maintenance	3
ACR 210	Heat Pumps	4
ENG 165	Professional Communications	3
Hours		14

Spring Semester

ACR 223	Testing and Balancing	3
ACR 224	Codes and Ordinances	2
ACR 242	Electronic Controls	2
ACR 252	Special Topics in Air Conditioning & Heating	2

Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3
Hours	12
Total Hours	66

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
ENG 165	Professional Communications	3
Elective Behavioral Science (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
Mathematical Requirement (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		12

Summer Semester

ACR 107	Wiring Diagrams	2
ACR 140	Automatic Controls	3
ACR 231	Advanced Refrigeration	4
Hours		9

Fall Semester

ACR 102	Tools and Service Techniques	3
ACR 106	Basic Electricity for HVAC/R	4
ACR 108	Refrigeration Fundamentals	3
ACR 150	Basic Sheet Metal	2
Hours		12

Second Year

Spring Semester

ACR 118	Air Conditioning Fundamentals	3
ACR 131	Commercial Refrigeration	4
ACR 175	EPA 608 Certification Preparation	1
ACR 206	Advanced Electricity for HVAC/R	2
ACR 250	Duct Fabrication	3
Hours		13

Fall Semester

ACR 110	Heating Fundamentals	4
ACR 201	Troubleshooting and Maintenance	3
ACR 210	Heat Pumps	4
Hours		11

Third Year

Spring Semester

ACR 223	Testing and Balancing	3
ACR 224	Codes and Ordinances	2
ACR 242	Electronic Controls	2

ACR 252	Special Topics in Air Conditioning & Heating	2
Hours		9
Total Hours		66