

HVACR INSTALLERS, CERTIFICATE - HVA6

The certificate will enable students to gain entry level skills for HVACR equipment installation. This certificate will enable students to accelerate their progression to the HVACR Technician career track.

Requirements

Courses	Course Title	Credit Hours
Required Course Information		
ACR 102	Tools and Service Techniques	3
ACR 106	Basic Electricity for HVAC/R	4
ACR 108	Refrigeration Fundamentals	3
ACR 118	Air Conditioning Fundamentals	3
ACR 131	Commercial Refrigeration	4
ACR 206	Advanced Electricity for HVAC/R	2
ACR 150	Basic Sheet Metal	2
ACR 175	EPA 608 Certification Preparation	1
ACR 250	Duct Fabrication	3
Subtotal		25
Total Hours		25

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
ACR 175	EPA 608 Certification Preparation	1
Hours		13
Spring Semester		
ACR 118	Air Conditioning Fundamentals	3
ACR 131	Commercial Refrigeration	4
ACR 206	Advanced Electricity for HVAC/R	2
ACR 250	Duct Fabrication	3
Hours		12
Total Hours		25

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

This program starts in the Fall term. Students wishing to start in the Spring should speak with the program director.

Courses are offered during day and evening hours

Top-quality tools, meter and gauges, which are required for this program, will cost \$500 - \$700. There is a list at the bookstore, or you can contact Robbie Hill for more information.

Program Student Learning Outcomes

Purpose Statement

The HVACR Installers program is dedicated to assisting adult learners in the development of the skills and knowledge necessary to support students' educational goals for employment and professional growth in the installation field.

Student Learning Outcomes

1. Install, repair and service most light commercial refrigeration systems.
2. Use a wiring schematic in troubleshooting most air conditioning, heating, and refrigeration systems.
3. Install, repair, and maintain most domestic refrigeration systems.
4. Use most of the tools and meters associated with the air conditioning and refrigeration industry.
5. Apply fundamentals for repair, adjustment, and maintenance of pneumatic controls used in most air conditioning systems.
6. Apply safety rules and regulations when working.