

# HVAC ADVANCED WORKFORCE TRAINING CERTIFICATE

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Program website ([https://frederick.edu/programs/skilled-trades/heating-ventilation-and-air-conditioning-\(hvac\).aspx](https://frederick.edu/programs/skilled-trades/heating-ventilation-and-air-conditioning-(hvac).aspx))

**Program Manager:** Construction & Applied Technologies Institute (CATI)

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## Program Description

Prepares students for entry level opportunities in the Heating, Ventilation, and Air Conditioning (HVAC) industry. This certificate covers HVAC equipment components and functions, installation practices, electrical control circuit troubleshooting and repair, and fossil fuel and hydronic heating equipment. Students have the opportunity to earn the EPA 608 Certification (CFC card) during this program.

## Program Requirements

Code	Title	Credits
<b>Required Course/s</b>		
HVC 130	Fundamentals of HVACR	
HVC 131	Controls for HVACR	
HVC 132	Fossil Fuels & Hydronic Heating	
HVC 133	HVAC Installation and Troubleshooting	
<b>Prerequisites/Co-requisites</b>		
ENGL 70	Introduction to College Reading and Writing	
or ENGL 75	Reading and Writing in the Academic Disciplines	
or ESOL 100	English for Academic Purposes	
or ESOL 70 (DISCONTINUED)		
or ESOL 72 (DISCONTINUED)		