



Heating, Ventilating, & Air Conditioning



IS THIS YOU?

- Like to learn hands-on
- Like to take things apart and put them back together
- Like to fix things with electricity
- Like to work on air conditioning and heating
- Like to control heating and cooling from miles away
- Like to see people smile when their A/C and heat-ing is fixed!



LEARN BY DOING:

- Fundamentals of air conditioning and heating
- Refrigeration Cycle
- Heat pump cycle
- How hot and cold air travel
- Thermostat Basics
- Electricity for HVAC
- Wiring Diagrams
- Brazing, Soldering and Welding
- Plumbing for HVAC



CAREERS:

- Heating and Cooling Repair associate
- Installer
- HVAC Maintenance Technician
- Sheet metal Fabrication for Ductwork
- HVAC Plumber



PROGRAM BENEFITS:

Certifications

- EPA Refrigerant
- NCCER
- OSHA 10 Hour
- Forklift Operator

A Day at the Fort:

Year 1: An exciting and engaging mix of hands-on learning and lecture in the HVAC lab.

Year 2: A mix of hands-on installing equipment and learning the principles of refrigerant to become EPA-Certified

About US:

The HVAC program is located in the Construction Arts and Automotive Building on the Fort Hayes campus. We offer state-of-the-art technology and current-model HVAC units to learn and refine your skills at diagnosing, repairing and installing.

Things You'll Do:

- Solder, braze, and weld copper
- Create and wire a HVAC project board
- Install units for HVAC
- Bend sheet metal
- Work with Freon
- Diagnose HVAC issues with a MultiMeter

