

Heating, Ventilation, Air Conditioning & Refrigeration

Brick Center

2 Year Program

Robert Doherty
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In this program, first year students will take HVAC/Mechanical Services to learn practical hands-on training and operating theory of today's hot water, heating and air conditioning, and plumbing systems. Second year students will take HVAC/Refrigeration to learn how to install, service and repair heating, air conditioning and refrigeration equipment for both home and commercial use.

Related Job Titles

Air Conditioning Installer/Service Technician
Furnace Installer
Refrigeration Technician

Skills You Will Learn

Basic theory and operation of:

- Mechanical and electrical components
- Standard and high efficiency air conditioning
- Gas heat, oil heat and heat pumps
- Commercial refrigeration

How to install, repair and maintain:

- Heating
- Air conditioning
- Commercial refrigeration equipment

Preferred Skills for Career Field:

You should be able to:

- Work with machines and tools
- Multitask
- Read and understand technical manuals and blueprints
- Work with limited supervision
- Use logical, step-by-step procedures
- Follow directions
- Bend, stoop, climb and crawl
- Work in confined spaces

Career Ladder

Most entrants in this career begin as apprentices until they have enough experience to become journeymen or become self-employed.

Continuing Education

Ocean County Vocational Technical School
Apprenticeship Program
Mercer County College
Lincoln Technical Institute
Pennco Technical Institute
University of Northwestern Ohio

****The Environmental Protection Agency Refrigerant Certification Exam is given upon completion of this program.****

Upon successful completion of this two-year program, students will receive advanced standing in the OCVTS Apprenticeship program. A Tech Prep agreement is in place with the University of Northwestern Ohio, enabling qualified students to receive up to 6 college credits.