

HVAC/R

Heating, Ventilation, Air Conditioning & Refrigeration

A two-year program aligned with the most current HVAC Excellence modules relevant for this geographic area and industry needs/trends

- Integrates shop operations, job planning and estimating, customer service, professionalism, and ethics.

The curriculum is enhanced by the Home Performance with the ENERGY STAR Program, which helps students understand how the house works as a system.

- This program has also earned national accreditation from HVAC Excellence, a non-profit organization that aims to improve HVAC/R competencies across the county.
- Curriculum includes commencement level math and English language arts.
- All students are given the opportunity to participate in a Work-based Learning experience, which exposes them to the operation of a business and specific job duties related to careers in their CTE area. This internship is designed to connect the skills and knowledge learned in the CTE classroom with the real world requirements of a business.

Curriculum includes:

- Installation
- Service and repair of heating, air conditioning, and refrigeration equipment
- Systems in both residential and commercial applications
- Emphasis on safety and Environmental Protection Agency (EPA) requirements and regulations

Certifications & Endorsements

- HVAC Excellence Certifications are available in: Electricity, Oil Heat, Gas Heat, Hydronics I and II, Air Conditioning, Commercial Air Conditioning, R-410A, Mobile AC, Fork Truck (OSHA Standard), Duct Work, EPA 608 Type I-III, and Universal

Students completing the program successfully qualify to work as:

- HVAC technician
- HVAC installer
- Appliance repair person

Employment opportunities requiring further education:

- Service manager
- Job estimator
- Technician dispatcher



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