

From School to the Skilled Trades:

Learn how high school classes prepare you for a career in the heating and cooling (HVAC) trade.



Math

- Use algebra and geometry to design ductwork systems.
- Calculate heating and cooling loads and identify the proper equipment for any given space.



Physics

- Calculate heat and airflow to determine heating and cooling loads in an HVAC system.



Chemistry

- Understand the chemical balance of refrigerants and pressures.
- Learn how to maintain a comfortable indoor environment through temperature, humidity, and air quality.



Public Speaking & Communications

- Strong and articulate communication skills are vital when working with customers and collaborating with coworkers.



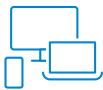
Physical Education

- Physical fitness prepares an individual to work successfully in varied environments like office buildings, homes, attics, crawlspaces, and the outdoors.



English & Technical Writing

- Interpret construction plans and create ductwork schematics.
- Written communication is key when providing job details and documenting the scope of work.



Computer Science & Technology

- Understand new, energy-efficient technologies that save money for customers and protect the environment.
- Install and service devices that monitor indoor air quality and heating and cooling efficiency.

