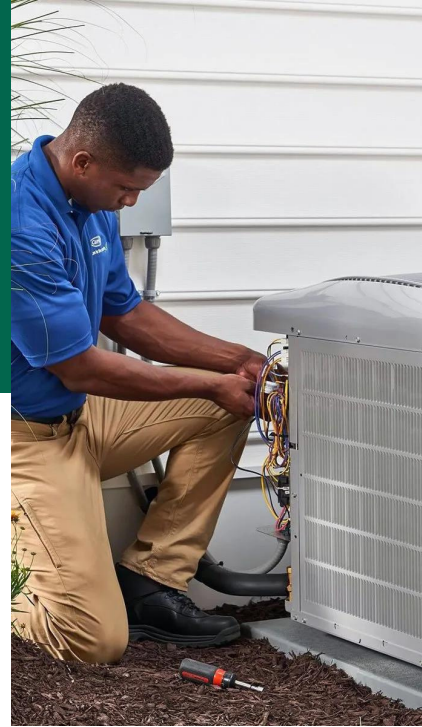


# CONSTRUCTION TRADES PATHWAY - HVAC - YEAR 1



## Program Overview

Includes classroom and laboratory experiences focused on basic heating, ventilation, and cooling/refrigeration systems. This program introduces scientific and mathematical principles applicable in the installation, operation, and maintenance of HVAC systems. Additionally, students have the opportunity to earn an EPA certification.

## Dual Credits

13 hours of dual credit from Ivy Tech

- BCTI 130 - Intro to Electrical (4 credit hours)
- HVAC 100 - Intro. To HVAC Tech. (3 credit hours)
- HVAC 101 - Heating Fundamentals (3 credit hours)
- HVAC 103 - Refrigeration I (3 credit hours)

## Recommended Qualifications

- Can enroll in the program as a junior or senior.
- Strong foundation in basic math skills with the ability to use a tape measure (Geometry preferred).
- GPA of a 2.5 or higher is recommended.
- An interview process may be required.
- A genuine interest in the HVAC field.
- Good communication and social skills.
- Must be able to handle a very structured environment, (rules, policies, procedures).
- Ability to handle quick-paced, high-pressure situations in a high-risk, loud environment.
- Ability to work in both team and independent environments.
- No discipline referrals or out-of-school suspensions.
- No more than ten absences per year.
- Students are required to stay in the program for the entire school year.



## Pathway Courses (NLPS)

- Principles of HVAC - 7131
- HVAC Fundamentals - 7125
- HVAC Service - 7126

## Certifications

- OSHA 10 Hour Construction Industry Training (IKORCC)
- North American Technician Excellence (NATE)

## Estimated Student Cost Supplies/Materials

**Total: \$130** - does not include personal items students must have for the program such as: personal hand tools (approximately \$75), t-shirts, and a sweatshirt (\$35).

Skills USA	\$18.00
Personal Hand Tools & Safety Gear	\$145.00
T-shirts and sweatshirt (Optional)	\$35.00

