

Heating, Ventilating & Air Conditioning



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/hvac



Skills recommended to be successful in this career pathway:

ARCHITECTURE & CONSTRUCTION CAREER CLUSTER

ESSENTIAL SKILLS

- | | |
|----------------------------|---|
| Oral communication | Visual acuity/depth perception |
| Written communication | Perceptual speed/clerical & auditory perception |
| Physical strength/mobility | Reasoning skills/mechanical aptitude |
| Safety awareness | Eye/hand/arm coordination/manual dexterity |

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use geometry for calculations
- Measure, use fractions and work with angles
- Know how to use formulas



WORKPLACE DOCUMENTS

- Explain job quotes/estimates
- Read equipment manuals
- Follow safety permits/checklists



GRAPHIC LITERACY

- Interpret blueprint drawings
- Use pressure/temperature/super heat charts
- Follow safety data sheets

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- | | |
|---|--|
| <ul style="list-style-type: none">* Use practical math to solve problems* Work with various types of construction equipment and tools* Understand hazards of working around various types of equipment* Work in all types of weather* Maintain constant awareness of surroundings | <ul style="list-style-type: none">* Be knowledgeable about electrical theory* Frequently lift items over 50 pounds* Work alongside skilled trades people* Maintain a safe and organized work environment* Communicate and explain information to customers |
|---|--|



COURSES



- Core and Sustainable Construction
- Mechanical, Electrical and Plumbing Systems



- Heating Ventilating and Air Conditioning Refrigeration
- Heating and Cooling Systems



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Heating, Ventilating & Air Conditioning

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent, and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Analytical thinking
- ✓ Dependability
- ✓ Initiative
- ✓ Persistence
- ✓ Integrity

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Professionals come to lab for training

COLLEGE & CAREER READY

Career Credentials

- EPA Refrigerant Recovery Core + Level 1 (Small Appliances)
- EPA Refrigerant Recovery Core + Level 2 (High Pressure)
- EPA Refrigerant Recovery Core + Level 3 (Low Pressure)
- EPA Refrigerant Recovery Universal
- Manlift Operation
- OSHA 10 – Construction
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Apprentice
- ▶▶ HVAC Installation/Service Technician
- ▶▶ Sheet Metal Fabricator
- ▶▶ Appliance Repair Technician
- ▶▶ Sales
- ▶▶ Service Manager
- ▶▶ Green Energy Specialist
- ▶▶ Project/Job Estimator
- ▶▶ Design or Product Engineer
- ▶▶ HVAC Owner/Operator

Entry-level pay range in Ohio

\$15 - 37
per hour



VIEW Essential Skills Guides
greatoaks.com/essential-skills



Great Oaks alum
Chase Courtney