



HVAC Installer

Department: Industrial Technologies

Degree: Diploma

Entry time: Fall

Length: 1 year (2 semesters)

- **Kibbie Grant:** Students in this program may be eligible to have half their tuition paid for by the Kibbie Grant. Go to www.kirkwood.edu/Kibbie for more details.
- A **two-semester** program that **quickly** gives students the skills they need for a great position to get a **good paying, in-demand job** in the field of HVAC.
- The program focuses on **residential equipment** and covers **installation** procedures, **electrical applications**, **refrigerant handling** procedures, and **HVAC component operation**.
- With **small class sizes**, students get the opportunity to work directly with the equipment, receive **personal instruction**, and develop a real connection with the faculty.
- An electrical component is included in the **curriculum**, which gives students the electrical background to fully understand the operation of systems.
- A **state-of-the-art facility** where students **install and operate new furnaces** and **air conditioners** as well as learn how to use the **tools and equipment** commonly found in residential HVAC shops.

Program Description

The Kirkwood HVAC Installer program prepares students to enter the skilled trade of heating, ventilation, and air conditioning installation. The program focuses primarily on residential and light commercial equipment, and covers installation procedures, code requirements, electrical applications, and refrigerant handling procedures. The one-year, hands-on program also includes system design and HVAC component operation.

The Plumbing-Heating-Cooling Contractors Association assisted the college in developing the curriculum to meet the needs of these challenging and rewarding careers.

Career Opportunities

HVAC Installer
General maintenance jobs
Sales and service

Sample Classes

Electrical Applications
HVAC Installation
Fundamentals of Plan and Print Reading
Applied HVAC Math
Electrical Applications for HVAC
Pipe Joining Methods
Human Relations in Management

Industry endorsements earned:

CFC Refrigerant Handling Certification;
OSHA 10-hour General Construction; Adult First Aid with CPR.

Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa. For more information and to apply, visit www.kirkwood.edu/scholarships.

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