



The Benefits of Attending GRCC

- Low-cost tuition
- Convenient location
- Day and evening classes
- Small classes
- Experienced and dedicated faculty
- Personal attention
- Job placement services
- Availability of financial aid and scholarships
- Many courses include hands-on, real-world applications

grcc.edu/appliedtechnology

Employment Projections

Employment opportunities are expected to be good for those with formal training. New technology and the emphasis on saving energy and reducing pollution have created a need for skilled technicians to update equipment and systems. In West Michigan skilled technicians are in great demand.

A Career in Heating, Ventilation, Air Conditioning, and Refrigeration

HVAC/R offers variety and job security. Technicians may work in many places and situations, both indoors and outdoors. They often specialize in one area.

Positions available to HVAC/R graduates include:

- Air-Conditioning Technician
- Climate Control Technician
- Domestic Air-Conditioning Installer
- Environmental-Control-System Installer
- Heating Technician
- Heating and Cooling Technician
- Oil-Burners Installer and Repair Technician
- Refrigeration Technician
- Warm-Air Furnace Installer and Repair Technician
- Laboratory Technician
- Service Technician
- Sales Representative
- Designer
- Estimator
- Engineering Assistant
- Contractor

For More Information

For specific questions about the Heating, Ventilation, Air Conditioning, and Refrigeration program, call the Technology Department at (616) 234-3670.

To receive more information about course descriptions, degree requirements, financial aid, or admissions, visit GRCC's website www.grcc.edu or call the GRCC Enrollment Center at (616) 234-3300.

Specific program requirements and course descriptions may be found in the online College Catalog at www.grcc.edu/catalog

GRCC articulates with area high school programs. Number of credit hours given vary and depend upon review. Please visit www.grcc.edu/articulation for details.



GRCC
GRAND RAPIDS COMMUNITY COLLEGE

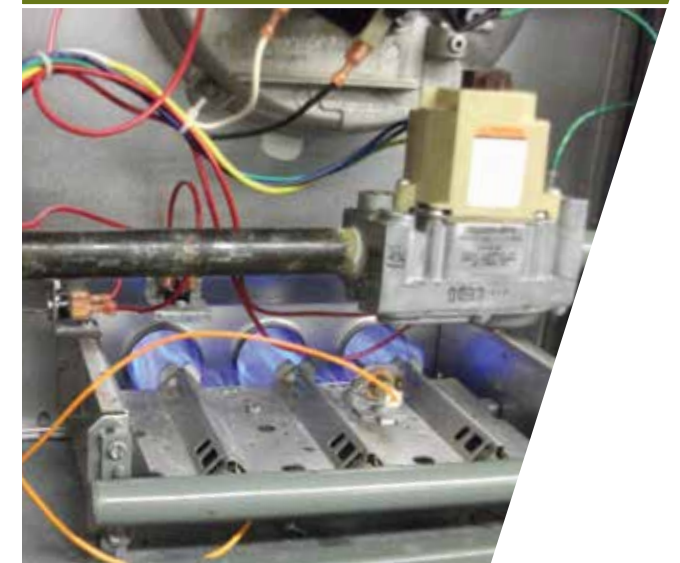
Grand Rapids Community College is an equal opportunity institution.
GRCC is a tobacco free campus. 3/14 1314-24352

This publication is available in alternative formats upon request.
Please contact the Technology Department at (616) 234-3660.



Heating, Ventilation, Air Conditioning, and Refrigeration @ GRCC

Associate Degree and Certificate Programs



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Heating, Ventilation, Air Conditioning, and Refrigeration is a broad, stable industry that involves creating and maintaining safe, comfortable, enclosed environments for people and products. This industry provides services essential to maintaining our quality of life. Technicians design, sell, install, and service the air conditioning, refrigeration, and heating units used in residential and commercial buildings. This complex equipment may control temperature and humidity and filter and clean air.

Program Options

- With GRCC's Heating, Ventilation, Air Conditioning, and Refrigeration program, you can:
- Choose classes to meet your long-term career goals or your immediate job requirements.
 - Earn a Certificate in Heating, Ventilation, Air Conditioning, and Refrigeration.
 - Earn an Associate in Applied Arts and Sciences degree.

You may choose a traditional associate degree program or follow a program that allows you to transfer to Ferris State University to earn a bachelor's degree in HVACR Engineering Technology.

All credits earned in the certificate program apply toward an associate degree.

Advantages of GRCC's Heating, Ventilation, Air Conditioning, and Refrigeration Programs

GRCC's HVAC/R programs offer a condensed block-time schedule with classes Monday through Thursday starting at 7 a.m. Classes are scheduled back to back to simplify the time schedule and accelerate the program.

Areas of Study

You'll learn theory of equipment operation and have hands-on laboratory practice installing equipment and performing standard service procedures. You'll gain knowledge and skill in the following areas:

- Principles of heating, ventilation, air conditioning, and refrigeration
- Cooling, heating, filtering, and controlling humidity
- Operating characteristics of various parts, units, and systems
- Blueprint reading
- Use of technical reference manuals
- Diagnosis of malfunctions
- Overhaul, repair, and adjustment of parts, units, and systems

GRCC HVAC/R Programs



**HEATING, VENTILATION,
AIR CONDITIONING,
AND REFRIGERATION**

Certificate



**HEATING, VENTILATION,
AIR CONDITIONING,
AND REFRIGERATION**

Associate Degree



See an Advisor
for Transfer Options

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If you think you might be interested in a career working in heating, ventilation, air conditioning and refrigeration, think GRCC!



skills

technology

career

diagnose

employment