



Refrigeration, Air Conditioning and Heating Service Technician

28-credit Technical Diploma

www.wctc.edu/heating-cooling

Those working in HVAC are troubleshooting masters. They often receive calls about heating/cooling issues and, based on limited information, try to determine what the problem may be in advance of checking out the system. If you possess strong mechanical and problem-solving skills, this may be a career for you.

About This Program

Heating, ventilation and air conditioning systems are critical in residential, commercial and industrial settings, and this field is one of the fastest-growing skilled trades. In this program, learn to safely install, maintain and service HVAC equipment. Also get an introduction to alternative energy systems such as photovoltaic, wind and hydroelectric.

What Makes This Program Unique

- As a program student, you will have the opportunity to earn the EPA 608 Refrigeration Certificate.
- Two-thirds of this program is dedicated to hands-on lab work, while one-third features classroom learning.
- Job placement rates are high for program graduates; many opportunities exist for careers in residential and commercial settings.

Career Salaries

\$43,000 – \$68,000 annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

Potential Careers

- HVAC Service Technician
- HVAC Service Mechanic
- Install Service Technician
- Air Conditioning Technician
- Refrigeration Technician



PROGRAM CODE 31-401-1

Credits

CORE COURSES:

401-305	Air Cond Refr Fundamentals	2
401-306	Air Cond Refr Controls	1
401-307	Air Conditioning Installation	2
401-308	Air Conditioning Air Flow	1
401-316	Air Conditioning Application	2
401-317	Heat Pumps	1
401-318	Piping for HVAC	1
401-319	Air Cond Troubleshooting	2
401-321	Psychrometrics	1
401-322	Heating Systems Fundamentals	2
401-323	Heating Controls	1
401-324	Forced Air Htg System Install	2
401-326	Hydronic Htg System Install	1
401-327	Heating System Application	2
401-328	Advanced HVAC Controls	1
401-329	Heating Sys Troubleshooting	1
401-331	HVAC Design	2
401-332	Commercial HVAC	1

GENERAL STUDIES:

801-311	Communication in the Workplace	2
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