

Heating, Ventilation & Air Conditioning

Career Roadmap

MCCC Career Major

Required Courses

Heating/Cooling Systems
Construction Tech
HVAC Refrigeration
Sheet Metal

College Credit

Students have the opportunity to earn college credit in this program.

Goals

Earn High School Diploma
Earn Industry Certifications

MCCC Industry Certifications*

Refrigerant Recovery Core (EPA):
Refrigerant Recovery Core + Level 1 (Small Appliance)
Refrigerant Recovery Core + Level 2 (High Pressure)
Refrigerant Recovery Core + Level 3 (Low Pressure)
OSHA 30-HR Construction Industry
CPR and First Aid
Pre-Apprenticeship (ApprenticeOhio)

Early Placement | Internships

Maintenance Technician Building
Maintenance Staff HVAC
Assistant

Technical Careers

Associate Degree

Air Conditioning, Heating, and
Refrigeration Technology, Electrical /
Electronic Engineering Technology,
Building Maintenance & Technology,
Applied Industrial Technology
Sheet Metal Worker

Advanced Certifications

Industrial and Residential Electricity
Basic Home Repairs
Welding
Facility Maintenance Technician

Jobs with Work Experience & Associate Degree

Maintenance Technician
Maintenance Manager
Maintenance Mechanic
Electrical Maintenance Technician
HVAC Technician
Handyman Business Owner
Building Manager

Professional Careers

Bachelor Degree*

Organization Supervision
Construction Engineering Technology
Electrical Engineering Technology
Safety Engineering / Risk Management

Master Degree*

Renovation of Buildings & Facilities
Sustainable Building Information
Management, Industrial Engineering
Engineering for Building Retrofitting

Doctoral Degree*

Environmental Engineering
Sustainability & Science, Mechanics,
Materials & Computing, Civil
Engineering

Extensive Work Experience*

Maintenance Director, Safety &
Maintenance Coordinator, Maintenance
Mechanic Supervisor, Corporate Property
Manager, Capital Planning & Facilities
Management Director

*Examples only. Degrees and work
experience options are extensive.

*Students who meet certification
criteria will have the opportunity to
test in their CT program.

