

# 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.*



Your College & Career

