

# Construction Trades

## Career Roadmap

### MCCC Career Major

#### Required Courses

Construction Technology Core and Sustainable Construction  
Carpentry and Masonry Technical Skills  
Structural Systems  
Structural Coverings and Finishes

#### College Credit

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

#### Goals

Earn High School Diploma  
Earn Industry Certifications

#### MCCC Industry Certifications\*

CITF Career Connection Certificates: Level I, II, III  
OSHA 30 HR Construction Industry Certification  
CPR and First Aid  
Pre-Apprenticeship (ApprenticeOhio)

#### Job Placement | Internships

Construction Laborer  
Carpentry Apprentice

### Technical Careers

#### Associate Degree

Construction Engineering Technology  
Land Surveying  
Construction Tending & Hazardous Material Abatement  
Business Management

#### Advanced Certifications

HVAC Technology  
Construction Project Management  
Building Maintenance Technician  
Computer Aided Drafting  
Machine Tools Operation  
Industrial Maintenance

#### Jobs with Work Experience & Associate Degree

Cost Estimator  
Professional Carpenter  
Plumber  
Electrician  
Floor Layer  
Surveyor  
Construction Manager  
HVAC Technician

### Professional Careers

#### Bachelor Degree\*

Construction Science: Civil Management  
Mechanical & Electrical Management  
Safety Management  
Architectural Studies, Interior Design  
Construction Management

#### Master Degree\*

Architecture and Environmental Design  
Business Administration  
Safety Engineering / Risk Management

#### Doctoral Degree\*

Architecture  
Civil Engineering  
Construction Engineering and Management

#### Extensive Work Experience\*

Estimator Lead, Consultant, Architect, Project Manager, Home Inspector, Site Foreman, Safety Engineer

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

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

