### High School

**Complete 3 of 4 elements to begin your pathway**

**Sequence of Courses (required)**
- (3+ **Building Block** courses identified)

**Industry-Recognized Certifications**
- National Center for Construction Education & Research (NCCER)*
- UBC Career Connections Level 3*
- Woodwork Career Alliance Sawblade*
- North American Technician Excellence (NATE): HVAC Support Technician*
- Commercial Driver’s License*
- Standard Driver’s License
- OSHA 10
- OSHA 30 for Construction
- Multi-Craft Core Curriculum

*Approved for CTE Incentive Grants (Act 59)

**Work-Based Learning**
- Youth Apprenticeship - Architecture and Construction:
  - Construction
  - Design/ Pre-Construction
- Wisconsin Cooperative Education Skill Standards: Construction
- Employability Skills Certificate
- Local WBL program if DPI approved

**College Credit Opportunities**
- Dual (Transcribed) Credit Courses
  - Madison College
    - Fundamentals of Construction
    - Woodworking 1A
  - Blackhawk Technical College
  - Southwest Tech
- Start College Now Program—See back
  - Madison College
    - Construction Essentials Embedded Technical Diploma*
  - Blackhawk Technical College
  - Southwest Tech
- Early College Credit Program
  - UW Madison
  - UW Platteville
  - Private Colleges
- Advanced Placement (AP)—See back

*Approved for CTE Incentive Grants (Act 59)

### Postsecondary Options

**Direct Employment**
Many entry level general laborer positions are available in both residential and commercial settings.

**Military**
- All Branches—Career Options

**Registered Apprenticeship**
- Strive Construction Operation Fresh Start Pre-Apprenticeship program
- Youth to Apprenticeship Bridge
- Big Step–WRTP
- Construction-related Apprenticeships
- ABC Apprenticeship
- BTC Apprenticeships

**Technical College**
Madison Area Technical College
- Technical Diploma
  - Cabinetmaking & Millwork
  - Carpentry Techniques
  - Construction Essentials
  - Construction & Remodeling
- Associate’s Degree
  - Civil Engineering Technology
  - Technical Studies Journeyworker
- Associate Degree Transfer
  - Liberal Arts Transfer - Engineering
  - Pre-BS Civil Engineering

Blackhawk Technical College
- Diploma: Electric Power Distribution
- Southwest Tech
- Diploma: Building Trades—Carpentry

**University**
- Edgewood College Pre-Engineering
- MSOE Civil Engineering
- Beloit College Engineering
- UW-Madison
  - Civil Engineering
  - Construction Engineering & Management
- UW-Platteville
  - Civil Engineering
  - Industrial Technology Management
  - Industrial Engineering
- UW-Stout Construction
- UW-Whitewater
  - Occupational Safety—Construction

### Career Ladder

**Entry Level**
Regional Median Wages: $38,812-$55,810
- Pre-Apprentice
- Supplier Sales
- Carpenter
- Laborer

**Skilled Trades**
Certification/Technical Diploma
Regional Median Wages: $47,477-$76,895
- Electrician
- Boilermaker
- Bricklayer
- Plumber
- Steamfitter
- Iron Worker
- Operating Engineer
- Commercial Carpenter
- Sheet Metal Worker
- Sealers
- Coaters

**Technical Positions**
Associate’s degree
Regional Median Wages: $62,717-$113,158
- Civil Engineering Technician
- Construction Manager
- Crew Leader/Foreman
- Business Owner/CEO

**Professional**
Bachelor’s Degree
Regional Median Wages: $48,344-$113,158
- Crew Leader/Foreman
- Superintendent
- Construction Manager
- Project Manager
- Civil Engineer
- Civil Engineer Technician
- Safety Engineer
- Business Owner

### Median Wages:
- Construction Essentials
- Construction & Sheet Metal Worker
- Civil Engineering
- Steamfitter
- Iron Worker
- Operating Engineer
- Commercial Carpenter
- Sheet Metal Worker
- Sealer
- Coater

### State-Endorsed
Pathways Wisconsin - Madison
Regional High School Pathway

High Schools Offering this Pathway:
- Cambridge
- Deforest Area
- Fort Atkinson
- Jefferson
- Madison-East
- Madison-Lafollette
- Madison-Memorial
- Madison-West
- McFarland
- Middleton-Cross Plains
- Monona Grove
- Oregon
- Watertown
- Waunakee

Regional Industry-Related Career Awareness and Exploration Experiences
- Career and technical student organization:
  - Wisconsin SkillsUSA
- Summer exploration camps:
  - Madison College Career Discovery Camps
  - UW-Madison College Of Engineering Summer Program
  - UW Platteville Youth Programs
  - Big Step (WRTP) Summer Construction Academy
- Other:
  - UW Madison College of Engineering Outreach Programs

Regional Supportive Career Pathway Services
- Youth Apprenticeship:
  - CESA 5 Youth Apprenticeship - Columbia, Sauk, Marquette
  - Dane County Youth Apprenticeship
  - Jefferson County Youth Apprenticeship
  - Madison Metropolitan School District
- How to Become an Apprentice
- Associated Builders & Contractors (ABC) Apprenticeship Training
- Big Step: WRTP Career Services
- Building Trades Council of Southcentral Wisconsin
- Latino Academy Employment and Training
- Operation Fresh Start Pre-Apprenticeship Certification
- Transportation Alliance for New Solutions (TRANS)
- Urban League of Greater Madison Career Academies
- Destinations Career Academy
- Operating Engineer Pre-Apprenticeship Program
- Department of Vocational Rehabilitation
- Project SEARCH
- On-the-Job Training Hiring Initiative
- Foster Care - Independent Living Services
- DPI Wisconsin Educational Opportunity Programs
- ACT WorkKeys and KeyTrain - through the Job Center of WI

College Credit Opportunities through Start College Now
- Madison Area Technical College
  - Construction and Remodeling:
    - Introduction to Construction
    - Construction Techniques 1
  - Cabinetry and Millwork:
    - Drawing 1
  - Civil Engineering Technology
    - Methods in Civil Engineering
    - Intro to CAD Civil Engineering
- Blackhawk Technical College
- Southwest Tech

Detailed AP Information

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Regional businesses that support this Career Pathway
(found on Inspire-Madison Region)
Inspire Madison Region Construction Partners

State-Endorsed