2019-2020
Career Pathway: Architecture

A career in architecture and construction requires certain skills and education depending on job requirements. Skills include designing, planning, managing, building, and maintaining the built environment.

**Exposure Pathways**

**High School Courses**
- Mechanical Drawing
- Residential Construction 1
- Residential Construction 2
- Woods
- Cabinetmaking
- Metals
- Building Trades
- PLTW Civil Engineering & Architect
- Design
- Interior Design

**Job Shadows & Internships**
- Civil Engineer
- Project Engineer
- Construction
- Project Management
- Pre-Fabrication
- CAD Design
- Architecture

**High School Clubs & Organizations**
- Robotics
- Femineers

**Experience Pathways**

**College CTE Courses in High School**
- Civil Engineering and Architectural Design

**Kirkwood Career Academies**
- Architecture, Construction & Engineering (ACE) Academy

**Pursuit Pathways**

**Certificates/Diplomas**
- CAD/Mechanical Engineering Tech.
- Carpentry
- HVAC Installer
- Plumbing Pre-Apprenticeship
- Construction Estimator
- Construction Supervision Certificate

**Careers & Median Salary Information**
- Solar Energy Installation: $60,000
- Pipe Fitter & Steamfitter: $55,700
- Plumber: $55,700
- Crane Operator: $53,600

**Associate Degrees**
- Architecture Technology
- CAD/Mechanical Engineering Tech.
- Construction Management
- Interior Design

**Careers & Median Salary Information**
- Electronic Drafter: $57,000
- Survey Technician: $51,000
- Mechanical Drafting: $54,000

**Bachelor Degrees**
- Architecture
- Industrial Design
- Civil Engineering
- Construction Management
- Industrial Engineer

**Careers & Median Salary Information**
- Commercial & Industrial Designer: $60,000
- Commercial Designer: $60,000
- Surveyor: $54,500
- Landscape Architect: $46,700

---

**Explore other Education & Training in the ICR Region**

**Explore other Careers in the ICR Region**