



Industrial Technologies

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# Construction Management

Department: Industrial Technologies

Degree: Associate of Applied Science

Entry time: Fall

Length: 2 years (4 semesters and 1 summer) *some required evening classes*

- **Kibbie Grant:** Students in this program may be eligible to have half their tuition paid for by the Kibbie Grant. Go to [www.kirkwood.edu/Kibbie](http://www.kirkwood.edu/Kibbie) for more details.
- The curriculum provides a broad foundation of information related to all facets of the **architecture, construction and engineering (ACE)** fields.
- **Faculty** bring their own extensive experience in the fields of **residential, commercial** and **civil construction**.
- Students learn **new, innovative technologies** and **techniques** with **hands-on** applications within Kirkwood's **Iowa Sustainable Village** projects.
- **Strong partnerships with local and regional industries.**
- Learn from current ACE professionals through **guest speakers** and **jobsite visits**.
- **Travel opportunities:** Students have multiple **study abroad** options as well as trips to the **Greenbuild Conference, International Builders Show, and the Project Management Institute Spring Conference.**
- **Graduates** are expected to experience a great **job placement rate** in the broader fields of construction.

## Program Description

The Kirkwood Construction Management program provides entry-level skills and knowledge for students who want to pursue one of the many careers available in the construction industry. Classes during the first year emphasize hands-on laboratory experiences in construction skills, architectural drafting and CAD, estimating and microcomputer applications.

Second-year classes emphasize skills and knowledge development in management, scheduling, estimating and legal issues.

## Career Opportunities

Construction managers and supervisors  
Building inspectors  
Project managers  
Sustainability specialists  
Material suppliers  
Cost estimator

## Sample Classes

Surveying and Site Layout  
Sustainable Construction Science  
Architectural Sketching  
Construction Planning & Scheduling  
Construction Project Management  
Commercial Estimating  
Construction Law and Ethics  
Introduction to Accounting  
Principles of Management  
Principles of Supervision  
Architectural Plans and Specifications  
Introduction to Computers  
Residential Estimating

Construction Planning and Scheduling  
Commercial Estimating

## Certificate Options

Short-term training options are available by earning a certificate. Certificate options for Construction Management include:

**Construction Estimator Certificate**

1 year (2 terms)

**Construction Supervision Certificate**

1 year (2 terms)

**ACE Industry Certificate**

1 year (2 terms)

## Industry Endorsements Earned:

OSHA 10-Hour Construction; Adult First Aid with CPR; National Career Readiness Certificate. Optional credentials: LEED Green Associate; NCCR certifications – Construction Technologist and Construction Supervisor.

## Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa. For more information and to apply, visit [www.kirkwood.edu/scholarships](http://www.kirkwood.edu/scholarships).