



# Architectural Technology

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.
- **Last-Dollar Scholarship:** Intended to cover tuition for Iowa residents in programs that lead to high-demand jobs. If other state and federal programs do not cover the entire cost of tuition for a postsecondary diploma, or associate degree, the Last-Dollar Scholarship will fill the gap. Go to [www.kirkwood.edu/Kibbie](http://www.kirkwood.edu/Kibbie) for more details.
- The **latest technology** is utilized including several different **architectural computer aided drafting programs**, **dual monitor computer stations**, and a **3-D printer**.
- **Small class sizes** allow students to get **personal attention**.
- **Knowledgeable instructors** prepare students by using tools and skills used in the industry.
- The program annually participates in **Architectural Design Competitions** and are the 2020 national champions!

- A paid **internship** or an unpaid architectural **mentoring program is required** which provides real-world, hands-on experience.
- A **study abroad** opportunity to Germany is available to students to learn about green building practices.

## Program Description

The Kirkwood Architectural Technology program provides quality technical training to be successful in a career related to the architectural profession. The program includes instruction in a variety of CAD software, hand sketching, business and graphic editing computer applications, teamwork/problem-solving skills and liberal arts studies. Practical experience can be enhanced through a paid architectural/construction-related internship or an unpaid architectural mentoring program.

## Career Opportunities

Architectural CAD designer  
CAD designer  
Residential designers  
Energy efficiency consultant  
CAD technicians for architectural, civil, mechanical, electrical and/or structural services  
Estimator  
Kitchen designer  
Project manager

## Articulation

Dunwoody 2+3

## SkillsUSA

2015 Architectural Drafting National Runner-Up (Sam Pfeilo-Ray)

## Sample Classes

Architectural Plans and Specs  
Residential Construction  
Construction Modeling  
CAD Sketchup  
Residential Estimating  
Architectural CAD Residential  
Architectural CAD Commercial  
Sustainable Construction Science

## Industry Endorsements Earned:

National Career Readiness Certificate  
LEED Green Associate credential

## 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).

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