

# B A C H E L O R O F S C I E N C E

# ENGINEERING DESIGN TECHNOLOGY

## C I V I L & A R C H I T E C T U R A L D E S I G N T E C H N O L O G Y

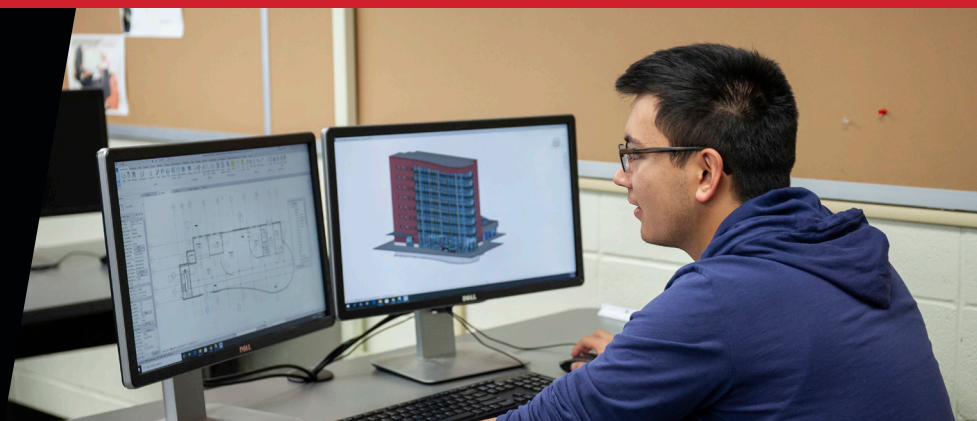
## Begin Your Path to a Lucrative Career

From cereal boxes to 3D structures and even parts for the International Space Station, the **Bachelor of Science in Engineering Design Technology (CADD)** at the University of Central Missouri prepares you for an in-demand career that is both technical and creative. With this degree, you will be qualified to work in nearly any field of architecture, engineering and manufacturing. Our graduates are highly successful, and here's why:

- The need for engineering design technologists has grown, and **employers actively recruit UCM students.**
- Almost all UCM CADD students receive **full-time job offers before they graduate.**
- The average starting salary for UCM CADD graduates is **\$50,000 - 55,000.**
- The Civil and Architectural Design Technology option is offered both **in-person** and **online.**

**No Calculus required\* - only College Algebra and Trigonometry!**

\*Already taking Calculus?  
It counts for both Algebra  
and Trig!



## Engage in Hands-On Learning

Civil and Architectural Design Technology combines creativity and engineering expertise to create safe and functional buildings and infrastructure. Using tools like CAD, BIM and 3D modeling software, you'll acquire practical skills and learn to create technical 2D drawings and 3D models of objects, structures, machines, civil topography, electrical components and more. Gain hands-on experience and study CADD technologies, including the following:

- Architectural design/drafting
- Building information modeling (BIM)
- CADD design
- Detailing
- Civil/geodatabase (GIS) design
- Mechanical/electrical/plumbing (MEP) design
- Structural design/drafting
- 3D modeling and printing
- Construction drawing

## Discover Your Passion

Our undergraduate program prepares you for a variety of fulfilling career paths and advancement opportunities, including the following:

- Architectural/Civil/Structural Designer/3D Modeler
- Virtual Design & Construction Specialist
- Building Info Modeling (BIM) Manager
- MEP Designer
- Electrical Designer/Engineering Technologist
- Project Lead Designer
- Section Manager
- Digital Delivery Specialist
- CAD/Engineering Technician
- And more!

## Program Accreditation and Facilities

The University of Central Missouri's Engineering Design Technology program is one of the few four-year bachelor's degree programs in the country **accredited by the Association of Technology, Management, and Applied Engineering (ATMAE)**. Our facilities rank among the most technologically advanced in the Midwest, housing more than 80 computers, the latest workstations, software and 3D printers.

## 100% JOB PLACEMENT

for CADD graduates in recent years plus **paid internship opportunities** available



ACCREDITED BY

**ATMAE**  
LEAD • INNOVATE • COLLABORATE

The Association of  
Technology,  
Management, and  
Applied Engineering



UNIVERSITY OF  
**CENTRAL  
MISSOURI**

[ucmo.edu/civil-architectural-edt](http://ucmo.edu/civil-architectural-edt)

## Benefit from Experiential Learning

UCM offers experiential learning to help you grow your knowledge and boost your résumé. Our expert faculty collaborate with industry leaders at global and national engineering firms to stay up-to-date on the latest career opportunities. They will guide you to **paid internship opportunities** to advance your skills and land the career you want. UCM Engineering Design Technology also has two **student organizations** – the American Institute of Building Design (AIBD) and the Engineering Design Technology Student Association (EDTSO) – that will provide you with leadership opportunities and a supportive environment to network with fellow CADD students, faculty and industry professionals.

## Make a Difference

UCM's CADD program allows you to lead projects that make a real difference in the community. Recent student projects have included:

- A tactile 3D map for the Office of Accessibility Services that gives individuals with low vision a realistic sense of the UCM campus
- 3D-printed ear guards to help local health care workers who wear protective gear for long hours
- A redesign of Whiteman Air Force Base's dining hall

## Fund Your Education

**UCM Scholarship Finder** makes it easy to find and apply for 665+ scholarships! The application portal is open from Sept. 15 to March 15. To improve your chances of being selected, complete your application before the priority deadline of Feb. 1. UCM also offers a variety of scholarships exclusively for CADD majors. Preview what you may qualify for at [ucmo.edu/scholarshipfinder](https://ucmo.edu/scholarshipfinder). Federal financial aid is also available. Be sure to use UCM's FAFSA code: **002454**.

## CONTACT US!

College of Health, Science and Technology  
University of Central Missouri

### Dr. Roya Azimzadeh

Program Coordinator  
Grinstead Building 207E  
660-543-4062  
[azimzadeh@ucmo.edu](mailto:azimzadeh@ucmo.edu)



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