

# Construction Management

Department of Engineering Technology, College of Business and Technology



## Program of Study

The WIU Construction Management program, which is accredited by ATMAE (the Association of Technology, Management, and Applied Engineering), prepares students for areas such as construction management; supervision or superintending; estimating; surveying; scheduling; inspecting; contracting and project planning. The curriculum is designed to provide a background in the concepts, theories and principles that define contemporary residential and commercial construction. Field experiences allow students to be involved in activities that simulate those on a construction site. Field trips to construction sites allow students opportunities to view and observe first-hand state-of-the-art building materials and techniques. Classes also involve using tools and equipment to engage in construction fabrication activities and learn how to conduct a survey. No prior construction experience is required for admittance to the program. The professional practice class has instruction that prepares students for career and internship searches, etiquette, networking, presentation skills, interviewing, office communication, communicating with clients and more.

Knoblauch Hall is host to state-of-the-art computer hardware and software in support of construction curricula. Students use the most updated version of AutoDesk software (AutoCAD, Inventor and Revit). In addition, there is a construction laboratory and a materials laboratory, which are used for a variety of learning activities in the program. WIU's facilities are also home to concrete testing activities and surveying activities that use the campus as a laboratory. A sampling of class activities include the following:

- Soils testing
- Construction estimating
- Construction scheduling
- Architectural drafting
- Material testing
- Building systems in construction
- Electrical power systems
- Advanced technology computer instruction
- Construction surveying

## Special Opportunities

A key component of the major is the required internship. Every student in his or her junior or senior year earns course credit for successfully applying knowledge while gaining invaluable on-the-job experience. By securing an internship in any approved major-related field, each student has the opportunity to enhance his or her skills in a professional work environment of particular interest. Many students report that the internship experience helps them focus their career goals and make vital industry contacts that benefit them upon graduation. Industry site supervisors continually report that the required internship is the vital link between education and the world of business, industry and government service.

Students in the major can further customize their education by enrolling in an optional independent study course. Because the construction management program is comprehensive, students in this area are not required to pursue a minor.

## Student Activities

Students enrolled in the WIU Department of Engineering Technology are invited to become members of the National Association of Homebuilders, the Western Illinois Construction Management Association and the Mechanical Contractors Association of America. Students travel to, and participate in, competitions at regional/national conferences, attend field trips and host professionals who provide insight into their selected fields.

## Honors in Engineering Technology

Construction management students who have high academic standing at WIU are invited to join Epsilon Pi Tau, the honor society for the professions in technology with over 20,000 initiated members worldwide.

To be eligible for the Centennial Honors College, entering freshmen must have an ACT composite score of at least 28 OR have a 26 or 27 composite ACT and be in the top 15 percent of their graduating class OR have an ACT composite score of at least 24 and be in the top 10 percent of their high school graduating class. A comparable SAT score is acceptable. Transfer and current WIU students who wish to join the Honors College (including the Quad Cities Honors Program) must have a 3.4 grade point average (GPA) on a 4.0 scale based on 12 or more semester hours. Honors credit is given for honors coursework completed at other accredited institutions. To find out more, visit [wiu.edu/Honors](http://wiu.edu/Honors).

## Student Success

The mean GPA for undergraduate students at WIU is 2.979. The mean GPA for graduates in construction management is 2.887.

## After College

Placement of construction management majors is greater than 91 percent. A 2013 survey of graduates from the past three years indicated that the average starting salary was greater than \$45,000. Current salaries for these graduates, with up to 10 years of experience are approaching an average of \$60,000. Nearly 60-75 percent of graduates have been promoted, and nearly 60 percent were hired by the company where they served as interns. A recent National Association of Colleges and Employers (NACE) salary survey indicated that an average salary for entry-level positions in construction management was \$58,883.

WIU's Career Development Center (CDC) is committed to helping students transition smoothly into successful careers by providing résumé assistance, mock interview sessions and preparatory seminars. Additionally, several networking and career fairs are held each year, and an extensive Leatherneck Link database is provided for students in all class levels. For more information, contact the CDC at (309) 298-1838 or visit [wiu.edu/careers](http://wiu.edu/careers).

## Faculty

The faculty in the WIU Department of Engineering Technology have received their academic preparation from noted universities. Their academic preparation, combined with industry experience, provide them with the insight and competencies to develop and oversee diverse, integrated programs of study. Faculty are involved in research for the Department of Defense and various topics such as wind energy, sustainability, building information modeling (BIM), etc.

## Scholarships & Financial Aid

Numerous scholarships and financial aid options are available. For information about scholarships, contact the Scholarship office at (309) 298-2001 or visit [wiu.edu/Scholarships](http://wiu.edu/Scholarships). Additionally, the College of Business and Technology and the Department of Engineering Technology have many scholarship opportunities available. For application information, visit [wiu.edu/cbt](http://wiu.edu/cbt) or [wiu.edu/engrtech](http://wiu.edu/engrtech), or contact the WIU Department of Engineering Technology at (309) 298-1091. For details about financial aid, contact the Financial Aid office at (309) 298-2446 or visit [wiu.edu/fa](http://wiu.edu/fa).

## Visit WIU & Enroll Today

WIU offers daylong Discover Western programs, which allow prospective students and their families to tour campus; attend information sessions; and meet with faculty, staff and advisors. For information about admission or Discover Western programs, contact the Admissions Office at (309) 298-3157 or toll-free at (877) PICK-WIU (742-5948), or visit [wiu.edu/admissions](http://wiu.edu/admissions).

## For More Information

To learn more about our programs, call the Department of Engineering Technology at (309) 298-1091, visit us in Knoblauch Hall 135, or go to [wiu.edu/engrtech](http://wiu.edu/engrtech). To speak with an advisor about construction management, call (309) 298-2100 or stop by Knoblauch Hall 110 to schedule an appointment.

# [wiu.edu/engrtech](http://wiu.edu/engrtech)

## Department of Engineering Technology

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