

Construction Management

Department of Engineering Technology, College of Business & Technology



Program of Study

The Construction Management program prepares students for areas such as construction management, construction supervision, surveying, construction superintending, 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 experience with construction management is required upon enrollment.

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 Architecture*). In addition, there is a construction laboratory and a materials laboratory that are used for a variety of learning activities in our program. Our facilities are also home to concrete testing activities and surveying activities that use the WIU campus as a laboratory. A sampling of class activities include the following:

- Architectural drafting
- Material testing
- Framing construction
- HVAC installation
- Electrical wiring
- Advanced technology computer instruction
- Construction estimating
- Total station surveying equipment

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.

Students can further customize their education by enrolling in an optional independent study course and may declare any minor offered at WIU. Suggested complementary minors include Industrial Technology (emphasis in drafting/design), Business, and Geology.

Student Activities

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

The Associated Schools of Construction hosts a construction management competition in Chicago every year. WIU's WICMA students compete annually and have placed in the top four for the past two years.

Honors in Engineering Technology

Engineering Technology will be installing a new honorary on campus this year. Students who are in high academic standing at WIU will be invited to join Epsilon Pi Tau, the honorary for the Professions in Technology. Installation is planned for April 2010.

Honors College Admission Requirements: 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% of their graduating class OR have an ACT composite score of at least 24 and be in the top 10% of their high school graduating class. Transfer students with at least 12 semester hours (SH) and up to 59 SH of undergraduate courses are admitted with a GPA of at least 3.3 or 3.4 for 60 SH or more. To find out more, visit wiu.edu/Honors.

After College

Placement of Engineering Technology majors is greater than 91%. Salaries range from \$36,000 for entry-level positions in each of the majors to \$100,000 for the high-end designer and upper management/supervisory positions. The majority of positions have a salary range from \$48,000 to \$62,000.

WIU's Career Services Office is committed to helping students transition smoothly into successful careers by providing résumé assistance, mock interview sessions, and preparatory seminars. Additionally, five networking and career fairs are held each year, and an extensive eRecruiting database is provided for students in all class levels. For more information, contact the Career Services Office at careers.wiu.edu or (309) 298-1838.

Faculty

The faculty in the 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.

Scholarships & Financial Aid

Numerous scholarships and financial aid options are available. For information about scholarships, contact the Scholarship Office at wiu.edu/scholarships or (309) 298-2001. For details about financial aid, contact the Financial Aid office at fa.wiu.edu or (309) 298-2446.

Visit WIU & Enroll Today

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

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. To speak with an adviser, call (309) 298-2100 or stop by Knoblauch Hall 110.

wiu.edu/engrtech

Department of Engineering Technology

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