

PUBLIC DISCLOSURES

Haile College of Business

Bachelor of Science in Construction Management

Objectives of the Program:

The Construction Management Program's Mission: "Our mission is to prepare Construction Management graduates for professional excellence through an innovative curriculum creating well prepared graduates who are technically and administratively competent, and who will be desired by leading companies in the different fields of construction management."

Our mission is achieved by providing:

- State-of-the-art knowledge and technologies meeting market demand
- Real-world case studies and interaction with the construction industry
- Effective and timely advising and counseling to enhance learning and ensure planned progress
- Persistent focus on the importance of ethical practices and professionalism in the construction industry.

The Construction Management Program, like the University, strives to be student centered in its education with the end goal of providing a well-rounded experience that has both the technical knowledge required but also the requisite background in communication, math, sciences, and the humanities necessary for them to be productive members of our society.

Program Admission Requirements:

The Construction Management Program does not have special or secondary admission requirements. Students who are admitted to NKU are able to declare Construction Management as their major. For current admission requirements for Northern Kentucky University, please visit: <https://www.nku.edu/admissions/undergrad/admission-process/standards.html>

Program Assessment Measures:

The Construction Management Program is accredited by the American Council for Construction Education and as such reports out specific Assessment Measures related to the required 20 Student Learning Outcomes (SLOs) defined by ACCE. To measure these SLOs, several instruments are used including both direct and indirect measures. These measures include a senior exit survey administered by the faculty, results from the American Institute of Constructors' Associate Constructor (AC) Certification Examination, and specific assignments/exams/projects given in a specific course.

Information Obtained from Assessment Measures:

Results from the most recent year of Senior Exit Surveys:

- **Communication Skills** – on average, students ranked communication skills (oral, written, graphic, and listening) between Above Average (2) and Excellent (1) with an average score of **1.9**.
- **General Project Administration** – on average, students ranked project administration skills (layout, working with subcontractors, payment, and field records) between Above Average (2) and Excellent (1) with an average score of **1.7**.
- **Safety Management** – on average, students ranked safety management skills (knowing OSHA standards, safety, health, and hazards on a job site as well as site specific safety plans) between Above Average (2) and Excellent (1) with an average score of **1.5**.
- **Costing and Cost Control** – on average, students ranked costing and cost control skills (establishing budgets, forecasting expenditures, and work breakdown structures) between Above Average (2) and Excellent (1) with an average score of **1.9**.
- **Project Scheduling** – on average, students ranked project scheduling skills (procurement schedules and create, monitor, and update project schedules) between Above Average (2) and Excellent (1) with an average score of **1.8**.
- **Surveying and Layout** – on average, students ranked surveying and layout skills (horizontal and vertical control based on construction drawings and site survey) between Above Average (2) and Excellent (1) with an average score of **1.7**.
- **Quantity Take-Off and Estimating** – on average, students ranked quantity take-off and estimating skills (quantity take-offs, analyzing productivity and pricing, and value engineering) between Above Average (2) and Excellent (1) with an average score of **1.9**.
- **Materials and Methods** – on average, students ranked material and methods knowledge (understanding the divisions of CSI and construction scientific principles related to materials and methods) between Above Average (2) and Excellent (1) with an average score of **1.8**.

Actions Taken as a Result of Assessment Data Collected:

The Construction Management Program utilizes this information collected from the senior exit interview and compares that with results from each of the 20 identified Student Learning Outcomes (SLOs).

The following are the 20 identified ACCE SLOs. More detailed information regarding each of these measures can be obtained by contact the Construction Management Program Director.

1. Create written communications appropriate to the construction discipline.
2. Create oral presentations appropriate to the construction discipline.
3. Create a construction project safety plan.

4. Create construction project cost estimates.
5. Create construction project schedules.
6. Analyze professional decisions based on ethical principles.
7. Analyze construction documents for planning and management of construction processes.
8. Analyze methods, materials, and equipment used to construct projects.
9. *Understand* construction management skills as a member of a multidisciplinary team.
10. Apply electronic-based technology to manage the construction process.
11. Apply basic surveying techniques for construction layout and control.
12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
13. Understand construction risk management.
14. Understand construction accounting and cost control.
15. Understand construction quality assurance and control.
16. Understand construction project control processes.
17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.
18. Understand the basic principles of sustainable construction.
19. Understand the basic principles of structural behavior.
20. Understand the basic principles of mechanical, electrical, and piping systems.

Student Achievement:

Construction Management students have been very successful as recipients of scholarships from NKU, and specifically through the CM program and the Haile College of Business. For the 2021-2022 academic year, more than 10% of the CM students were awarded competitive scholarships totaling more than \$30,000.

Rate and Types of Employment of Graduates:

<i>Job Title</i>	<i>Company</i>	<i>Sector</i>
Assistant Superintendent (1)	Goettle Construction	Commercial / Industrial
Assistant Superintendent (2)	Model Group	Commercial
Certification Manager - Iron	McDaniel Steel Erection	Commercial
Engineer Specialist	Duke Energy	Industrial
Estimator/Project Manager	KEP Electric	Residential
Field Engineer (1)	Whiting-Turner	Institutional
Field Engineer (2)	Century Construction	Commercial / Residential
Field Engineer (3)	Perkins Carmack Construction	Commercial
Inside Sales Support	RBI Solar	Utilities
Inspector	Ultra Technics Construction	Residential
Project Engineer (1)	Performance Contracting Inc	Commercial

Project Engineer (2)	Building Crafts Inc.	Commercial
Project Engineer (3)	Baker Concrete Construction	Commercial
Project Engineer (4)	Al. Neyer	Commercial
Project Engineer (5)	Conger Construction Group.	Commercial
Project Engineer (6)	The Harper Company	Heavy/Highway
Project Engineer (7)	HP2X Construction	Commercial / Industrial
Project Manager	Triton Services inc.	Utilities
Project Superintendent	Paul Hemmer Company	Commercial
Quality Control Technician	Hilltop Companies	Commercial
Three students were current co-ops and were still interviewing at the time of the senior exit interview (2 weeks prior to graduation). 87% placement 3 weeks prior to graduation and 100% placement within 2 months of graduation.		

Data to Support Qualitative Claims Made by the Program:

Specific data is available upon request. This summary data is provided to give a snapshot of where the program stands today. Please feel free to reach out directly to the Construction Management program for more information.