

The Construction Management Program

Mission Statement

Our mission is to be a “first choice” provider and center for construction education.

Program Goals

1. **Student Learning Outcomes:** Continually improve the curriculum and provide students with high quality educational experiences that will develop technical and managerial knowledge and skills necessary for successful leadership roles in the building construction industry.

The following Student Learning Outcomes (SLOs) support this Program Goal. Upon completion of the CM Program, students will be able to:

- 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) Apply 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.

2. **Recruitment and Retention:** Recruit and graduate a diverse, high-quality cohort of individuals into the program to support the construction industry in economic development in Illinois and throughout the United States.
3. **Professional Development:** Provide students with educational experiences necessary skills to successfully function in professional leadership roles in the construction industry and provide service to the construction industry through applied research, consulting/workshops, and participation in professional organization.
4. **Internal and External Funding Support** – Through a combination of internal and external resources, maintain the funding necessary to support CM Program activities.