

Curriculum

The Curriculum is designed to give students a solid foundation in the construction field. Students receive a solid base in the basic management skills required in the construction industry. Each CM class builds on each other. The curriculum is structured to give each student the required background to be an involved member of a construction team during their Co-op experience.

Freshman Year

Fall Semester

- Intro to Construction Mgmt.
- Building Construction
- English I
- College Math I
- Chemistry of the Built Environment

Spring Semester

- Construction Graphics
- Heavy Construction Equipment
- English II
- Pre-Calculus
- College Physics I

Sophomore Year

Fall Semester

- Construction Surveying
- Estimating
- Stats & Strength of Materials
- Financial Accounting
- Principles of Economics

Spring Semester

- Wood & Steel Analysis and Design
- Building Systems
- Stats & Applications
- Humanities/Social Science

Junior Year

Fall Semester

- Construction Project Scheduling
- Construction Project Management
- Materials Testing and Quality Control
- Managing & Leading Organizations

Spring Semester

- Cooperative Work Semester I

Summer Semester

- Advanced Estimating & Bid Analysis
- Concrete Analysis & Design
- Construction Management Elective
- I/O Psychology

Senior Year

Fall Semester

- Cooperative Work Semester II

Spring Semester

- Construction Project Control
- Construction Business & Finance
- Construction Safety & Risk Mgmt.
- Humanities/Social Science
- Power & Leadership

Summer Semester

- Construction Mgmt. Senior Project

- Construction Law & Gov. Regulations
- Humanities/Social Science
- Labor Relations

Summer 2016 Construction Management Electives

- Sustainable Construction: 3 Credits
- Construction Economics: 3 Credits
- Managing Public Infrastructure Projects: 3 Credits
- Lean Construction: 3 Credits
- Personal Management for Construction Management Professionals