

CONSTRUCTION MANAGEMENT CERTIFICATE



The Construction Management Certificate in commercial construction covers a variety of topics and is applicable for participants with little construction knowledge or experience. The course is also applicable for architects, interior designers and engineers seeking a change in career path.

General overview provides construction terms, materials and methods. Everything from soils, structures, mechanical, electrical and plumbing to waterproofing are briefly covered. Codes, accessibility, egress and sustainability are also described.

Printreading provides the steps to understand dimensioned drawings including plans, sections and elevations. Using external software, participants are able to use the tools demonstrated.

Estimating provides a variety of tools for estimating quantities and bidding.

Scheduling starts with terms, logic and understanding precedence diagrams. Then participants make their own simple Gantt chart schedule in free downloadable software.

Communication provides a basic overview of the importance of communication in the construction process, through meetings, written and verbal communication as well as documentation.

Project Management provides an overview of managing a construction project and includes codes, contract types and relationships between the parties are discussed.

The Construction Management Certificate can be completed by module ala carte or all modules can be completed for the certificate.

Students participating in this certificate course should expect to devote several hours per week to complete the course in one month. The course is delivered online so students may participate in the course on their own time. Course is taught by Rachel Mosier, Ph.D., P.E.



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