

MINOR IN CONSTRUCTION MANAGEMENT

About the Minor

The Construction Management minor is designed to provide students an opportunity to study basic concepts of construction, materials, techniques, design, and managerial skills required for the construction industry. The minor has entrance criteria and consists of nine courses beginning with CON 101. The minor will take students a minimum of five semesters to complete.

How to add the Construction Management minor

Students must meet with a Construction Management advisor to declare interest in the minor and will be given an override to register for CON 101. Once a student satisfies the entrance criteria, the minor will be added and the student will be allowed to register for additional required Construction Management courses. Students are admitted each semester in May and December.

Entrance Criteria:

1. Earn a minimum 2.50 cumulative CSU GPA.
2. Complete CON 101 with a "B-" grade or better; or earned a "B-" grade or better in an approved CON 101 transfer substitution course as reviewed and approved by the CM Curriculum Committee.
3. Written Communication requirement, must meet one:
 - Complete CO 130 with a "C" grade or better.
 - Complete CO 150 with a "C" grade or better
 - Complete AUCC Category 2: Advanced Writing with a "C" grade or better.
 - Complete HONR 192 with a "C" grade or better .
 - Complete HONR 193 with a "C" grade or better
 - Earned credit from concurrent enrollment or transfer coursework in CO 130, CO 150, or AUCC Category 2: Advanced Writing with a grade of "C" or better
 - Earned credit for CO 130 or CO 150 from placement exam, or AP score of 3 or higher.
4. Mathematics requirement, must meet one:
 - Complete MATH 125 with a "C" grade or better.
 - Complete MATH 127 with a "C" grade or better
 - Complete MATH 160 with a grade of "C" or better
 - Earned credit from concurrent enrollment or transfer coursework in MATH 125, MATH 127, MATH 160, or other higher level mathematics course that has MATH 125 as a prerequisite, with a grade of "C" or better.
 - Place out of, or earn credit for, MATH 125 or higher-level math on the Math Placement Tool, CLEP, or AP exam.

Learning Objectives

The Construction Management program is accredited by the American Council for Construction Education (ACCE) (<https://www.acce-hq.org/>). The following ACCE Student Learning Outcomes (SLOs) are met through the Construction Management Minor:

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 methods, materials, and equipment used to construct projects.
7. Apply electronic-based technology to manage the construction process.
8. Understand the legal implications of contract, common, and regulatory law to manage a construction project.
9. Understand the basic principles of structural behavior.

Learn more about the Construction Management minor on the Department of Construction Management website (<https://www.chhs.colostate.edu/cm/programs-and-degrees/minor-in-construction-management/>).

Requirements Effective Fall 2024

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

Every student pursuing the Construction Management (CM) minor must meet the following entrance requirements:

1. Earn a minimum 2.50 cumulative CSU GPA.
2. Complete CON 101 with a "B-" grade or better; or earned a "B-" grade or better in an approved CON 101 transfer substitution course as reviewed and approved by the Construction Management Curriculum Committee.
3. Written Communication requirement, must meet one:
 - Complete CO 130 with a "C" grade or better.
 - Complete CO 150 with a "C" grade or better
 - Complete AUCC Category 2: Advanced Writing with a "C" grade or better.
 - Complete HONR 192 with a "C" grade or better .
 - Complete HONR 193 with a "C" grade or better
 - Earned credit from concurrent enrollment or transfer coursework in CO 130, CO 150, or AUCC Category 2: Advanced Writing with a grade of "C" or better.
 - Earned credit for CO 130 or CO 150 from placement exam, or AP score of 3 or higher.
4. Mathematics requirement, must meet one:
 - Complete MATH 125 with a "C" grade or better.
 - Complete MATH 127 with a "C" grade or better
 - Complete MATH 160 with a grade of "C" or better
 - Earned credit from concurrent enrollment or transfer coursework in MATH 125, MATH 127, MATH 160, or other higher level mathematics course that has MATH 125 as a prerequisite, with a grade of "C" or better.
 - Place out of, or earn credit for, MATH 125 or higher-level math on the Math Placement Tool, CLEP, or AP exam.

| Code | Title | Credits |
|---------------------------------------|---|--------------|
| LOWER DIVISION | | |
| CON 101 | Introduction to Construction Management | 3 |
| CON 151 | Construction Materials and Methods | 3 |
| CON 265 | Plan Reading and Quantity Survey | 3 |
| Select one course from the following: | | 2-3 |
| CON 131 | Graphic Communications for Construction | |
| INTD 251 | Computer-Aided Design for Interiors | |
| UPPER DIVISION | | |
| CON 317 | Safety Management | 2 |
| CON 365 | Construction Estimating | 3 |
| CON 367 | Construction Contracts/Project Administration | 3 |
| CON 461 | Construction Scheduling | 3 |
| Select one course from the following: | | 3-4 |
| CON 358 | Structural Systems for Construction I | |
| CON 359 | Structures I | |
| Program Total Credits: | | 25-27 |