

Civil Engineering Technology - Construction Management Major (CETCO)

Cincinnati State
MIDDLETOWN CAMPUS
at Miami University Middletown

Program Overview:

CETCO prepares graduates to coordinate and supervise the construction process from design through construction while meeting schedule, cost, and quality goals. Graduates are well-versed in computer-integrated construction, and the practices and methods used throughout residential, commercial, and industrial construction.

Education:

Graduates Learn:

- Estimate Project Costs
- Inspect Field Work
- Monitor Project Control Items
- Schedule Building Activities
- Utilize Specialized Software

Employment:

Job Titles of Graduates

- Estimator
- Project Engineer
- Project Manager

Co-Op Salary

- \$18.50 - \$22/Hour

Salary Projections

- \$72,500 National Average

Thirty Student Cohort
Starting Fall 2024

CincinnatiState.Edu

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Program Chair: **George Armstrong**

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	Lec	Lab	Cred
Semester 1			
CET 115: Architectural Drafting and Computer Aided Design (B)	2	4	4
CIT 190: Career Preparation: Engineering and Information Technologies (B)	1	0	1
MAT 124: Applied Algebra and Geometry (G)	3	2	4
CET 106: Plan Reading for Construction Management (B)	3	0	3
CET 108: Basic Construction Safety for Employees: OSHA 10 (B)	1	0	1
FYE XXX First Year Experience Elective (B)	1	0	1
Semester 2			
CET 135: Construction Estimating (T)	2	2	3
MAT 125: Algebra and Trigonometry (B)	3	2	4
ENG 101: English Composition 1 (G)	3	0	3
CET 141: Building Construction Methods 1: Materials and Codes (T)	2	3	3
Semester 3			
CET 291: Full-Time Cooperative Education 1: Civil Engineering Technology (T)	1	40	2
PHY 151: Physics 1: Algebra and Trigonometry-Based (G)	3	3	4
Semester 4			
CET 230: Construction Management (T)	2	2	3
CET 235: Construction Scheduling (T)	2	3	3
CET 240: Cost Engineering (T)	2	2	3
SUR 105: Surveying Fundamentals (T)	2	3	3
Semester 5			
COMM 110: Public Speaking (B)	3	0	3
CET 246: Structural Systems of Building Construction (T)	2	2	3
CET 242 Building Construction Methods 2: Mechanical, Electrical, and Plumbing Systems (T)	3	0	3
ECO 105 Principles of Microeconomics (B)	3	0	3
Semester 6			
CET 285: Civil Engineering Technology Construction Management Capstone (T)	2	3	3
CET 292: Full-Time Cooperative Education 2: Civil Engineering Technology (T)	1	40	2
ENG 10X: English Composition Elective (G)	3	0	3
Total Credits:	50	111	65