

# Construction Management Option (CETCO)

## Civil Engineering Technology—Construction Management Option (CETCO)

The Civil Engineering Technology - Construction Management Option prepares graduates to coordinate and supervise the construction process from design through construction while meeting schedule, cost, and quality goals.

Graduates earn an Associate of Applied Science degree, and gain thorough understanding of project documentation, building methods and materials, estimating, scheduling, and team dynamics. Graduates also are well-versed in computer-integrated construction, and the practices and methods used throughout residential, commercial, and industrial construction.

For more information, please contact the Center for Innovative Technologies at (513) 569-1743.

To apply for this program at Cincinnati State, visit our Admissions Page (<http://www.cincinnati-state.edu/academics/admission>)

## Civil Engineering Technology—Construction Management Option (CETC)

Semester 1		Lec	Lab	Credits
CET 100	Introduction to Civil Engineering Technology ( <b>B</b> )	2	2	3
CET 105	Introduction to Surveying ( <b>B</b> )	2	3	3
CET 115	Architectural Drafting and Computer Aided Design ( <b>B</b> )	2	4	4
MAT 125	Algebra and Trigonometry ( <b>G</b> )	3	2	4
FYE 1XX	First Year Experience Elective ( <b>B</b> )	1	0	1
Semester 2				
CET 110	Advanced Surveying and Construction Layout ( <b>T</b> )	2	3	3
CET 120	Advanced Computer Aided Design: Revit Architecture ( <b>T</b> )	3	3	4
CET 135	Construction Estimating ( <b>T</b> )	2	2	3
CET 225	Building Construction ( <b>T</b> )	2	2	3
ENG 101	English Composition 1 ( <b>G</b> )	3	0	3
Semester 3				
COMM 110	Public Speaking ( <b>B</b> )	3	0	3
MAT 126	Functions and Calculus ( <b>B</b> )	3	2	4
CET 291	Full-Time Cooperative Education 1: Civil Engineering Technology ( <b>T</b> )	1	40	2

### Semester 4

CET 125	Statics and Strength of Materials (CET) ( <b>T</b> )	3	3	4
CET 230	Construction Management ( <b>T</b> )	2	2	3
CET 235	Construction Scheduling ( <b>T</b> )	2	3	3
CET 240	Cost Engineering ( <b>T</b> )	2	2	3
ENG 10X	English Composition Elective ( <b>G</b> )	3	0	3

### Semester 5

PHY 151	Physics 1: Algebra and Trigonometry-Based ( <b>G</b> )	3	3	4
CET 292	Full-Time Cooperative Education 2: Civil Engineering Technology ( <b>T</b> )	1	40	2

### Semester 6

CET 200	Structural Design ( <b>T</b> )	3	3	4
CET 245	Building Information Models for Construction ( <b>T</b> )	1	3	2
CET 285	Civil Engineering Technology Construction Management Capstone ( <b>T</b> )	2	3	3
ECO 110	Principles of Macroeconomics ( <b>G</b> )	3	0	3
XXX XXX	Business Elective ( <b>B</b> )	3	0	3
Total Credits:		57	125	77

## Electives

### First Year Experience Elective

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

### English Composition Elective

ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3
ENG 104	English Composition 2: Technical Communication	3
ENG 105	English Composition 2: Business Communication	3

### Business Elective

Any ACC, FIN, MGT, MKT	3
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The letters G, B, and T (displayed after course titles or elective descriptions) identify types of courses required by the Ohio Department of Higher Education as part of an associate's degree curriculum.

G = General Education course in this curriculum

B = Basic Skills course in this curriculum

T = Technical course in this curriculum

## Faculty

### Program Chair/Advisor

Professor Carol Morman, PE, PS, MS

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### **Co-op Coordinators**

Jennifer Geiger, BS  
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### **Evening Student Advisor**

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