

Civil Engineering Technology - Construction Management Option

Center for Innovative Technologies Division

2014-2015 Curriculum

Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CET-100	Introduction to Civil Engineering Technology		2	2	3
CET-105	Introduction to Surveying		3	2	4
CET-115	Architectural Drafting and Computer Aided Design		2	4	4
ENG-101	English Composition		3	0	3
MAT-125	Algebra & Trigonometry		3	2	4
					18

Semester 2					
CET-110	Advanced Surveying and Construction Layout	CET 105	2	3	3
CET-120	Advanced Computer Aided Design: Revit Architecture	CET 115	3	3	4
CET-125	Statics and Strength of Materials (CET)	MAT 121	3	3	4
CET-135	Construction Estimating	See Catalog	2	2	3
MAT-126	Functions & Calculus	MAT 125 (min. grade C)	3	2	4
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Semester 3					
CET-291	Full-Time Cooperative Education 1: CET	CET 100	1	40	2
COMM-110	Public Speaking	ENG 101	3	0	3
					5

Semester 4					
CET-225	Building Construction	CET 135	2	2	3
CET-230	Construction Management	CET 135	2	2	3
CET-235	Construction Scheduling	CET 135	2	3	3
CET-240	Cost Engineering	CET 135	2	2	3
PHY-151	Physics 1: Algebra and Trigonometry-Based	PHY 150 or MAT 125	3	2	4
					16

Semester 5					
CET-292	Full-time Cooperative Education 2: CET	CET 291	1	40	2
CULT-110	Social Issues in Technology	ENG 101	3	0	3
XXX-XXX	Business Elective		2	2	3
					8

Semester 6					
CET-200	Structural Design	CET 125	3	3	4
CET-245	Building Information Models for Construction	CET 120	1	3	2
CET-285	Construction Management Capstone	CET 230 and CET 235	2	3	3
ECO-110	Principles of Macroeconomics	See Catalog	3	0	3
ENG-105	Composition and Business Communication	ENG 101	3	0	3
					15

Total **80**

Business Elective: Any ACC, BUS 110, FIN, MGT, MKT