

Civil Engineering Technology - Construction Management Option

Center for Innovative Technologies Division

2016-2017 Curriculum

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		2	3	3
CET-115	Architectural Drafting and Computer Aided Design		2	4	4
FYE-1XX	First Year Experience Elective		1	0	1
MAT-125	Algebra & Trigonometry		3	2	4
					15

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-135	Construction Estimating	See Catalog	2	2	3
CET-225	Building Construction	CET 135	2	2	3
ENG-101	English Composition 1		3	0	3
					16

Semester 3					
CET-291	Full-Time Cooperative Education 1: CET	CET 100	1	40	2
COMM-110	Public Speaking	ENG 101	3	3	3
MAT-126	Functions & Calculus	MAT 125 (min. grade C)	3	2	4
					9

Semester 4					
CET-125	Statics and Strength of Materials (CET)	MAT 121	3	3	4
CET-230	Construction Management	CET 135	2	3	3
CET-235	Construction Scheduling	CET 135	2	3	3
CET-240	Cost Engineering	CET 135	2	2	3
ENG-10X	English Composition Elective	ENG 101	3	0	3
					16

Semester 5					
CET-292	Full-time Cooperative Education 2: CET	CET 291	1	40	2
PHY-151	Physics 1: Algebra and Trigonometry-Based	PHY 150 or MAT 125	3	3	4
					6

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
XXX-XXX	Business Elective		2	2	3
					15
Total					77

Business Elective: Any ACC, FIN, MGT, MKT

English Composition Elective: ENG 102, ENG 104, ENG 105

First Year Experience Elective: FYE 100, FYE 105, FYE 110