

Civil Engineering Technology - Surveying 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
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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
CULT-110	Social Issues in Technology	ENG 101	3	0	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-250	Route Location and Design	CET 110	3	2	4
CET-251	Elements of Land Surveying 1	CET 110	3	2	4
CET-255	Land Information Modeling	CET 110	2	3	3
PHY-151	Physics 1: Algebra and Trigonometry-Based	PHY 150 or MAT 125	3	2	4
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Semester 5

CET-292	Full-time Cooperative Education 2: CET	CET 291	1	40	2
ECO-110	Principles of Macroeconomic	See Catalog	3	0	3
					5

Semester 6

CET-252	Elements of Land Surveying 2	CET 251	3	3	4
CET-260	Control Surveying	CET 110	3	3	4
CET-265	Subdivision Design and Drainage Control	CET 255	3	3	4
CET-290	CET Surveying Capstone	CET 251	1	6	3
ENG-10X	English Composition Elective		3	0	3

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Total **79**

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105