

Civil Engineering Technology - Architectural 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-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-130	Building Codes and Materials	CET 115	2	2	3
CULT-110	Social Issues in Technology	ENG 101	3	0	3
MAT-126	Functions & Calculus	MAT 125 (min. grade C)	3	2	4
					18
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-205	Architectural Design and 3D Modeling: Revit Architecture	CET 120	3	3	4
CET-210	Lighting and Electrical Systems Design	CET 120	3	2	4
CET-215	Mechanical and HVAC Systems Design	CET 120	3	2	4
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
					2
Semester 6					
CET-200	Structural Design	CET 125	3	3	4
CET-220	3D Modeling: Revit MEP and Revit Structure	CET 205	3	3	4
CET-280	Architectural Capstone	CET 205, CET 210, & CET 215	3	4	5
ECO-110	Principles of Macroeconomics	See Catalog	3	0	3
ENG-10X	English Composition Elective		3	0	3
					19
Total					78

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