

Civil Engineering Technology - Architectural Major

Engineering & Information Technologies

2024-2025 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CIT 190	Career Preparation		1	0	1
CET-106	Plan Reading for Construction Management		2	2	3
CET-108	Basic Construction Safety for Employee: OSHA 10		1	0	1
CET-115	Architectural Drafting and Computer Aided Design		2	4	4
FYE-1XX	First Year Experience Elective		1	0	1
MAT-124	Applied Algebra & Trigonometry		3	2	4

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Semester 2

CET-120	Advanced Computer Aided Design: Revit Architecture	CET 115	3	3	4
CET-141	Building Construction Methods 1: Materials & Codes		3	0	3
ENG-101	English Composition 1		3	0	3
MAT-125	Algebra & Trigonometry	MAT 124	3	2	4

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Semester 3

CET-291	Full-Time Cooperative Education 1: CET		1	40	2
PHY-151	Physics 1: Algebra and Trigonometry-Based	PHY 150 or MAT 125	3	3	4

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Semester 4

CET-205	Architectural Design and 3D Modeling: Revit Architecture	CET 120	3	3	4
CET-211	Advanced Revit: Mechanical	CET 120	2	3	3
CET-212	Advanced Revit: Electrical	CET 120	2	3	3
SUR 105	Surveying Fundamentals		2	3	3

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Semester 5

CET-246	Structural Systems of Building Construction	CET 140 & MAT 125	2	2	3
CET-280	Architectural Capstone	CET 205, CET 210, & CET 215	2	6	4
COMM-110	Public Speaking	ENG 101	3	0	3
ECO-105	Principles of Microeconomics		3	0	3

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Semester 6

CET-292	Full-time Cooperative Education 2: CET	CET 291	1	40	2
ENG-10X	English Composition Elective	ENG 101	3	0	3

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Total **65**

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

First Year Experience Elective: Any course from FYE or HNR 100