

Courses for Students Pursuing a Minor in Civil Engineering in the College of Engineering

Course Titles	Course Credit Hours	Notes
Introduction to Civil Engineering CI1002	1	1. Students are required to take at least 20 credit hours of courses from this list; course credit hours thus earned cannot be counted toward the student's minimum baccalaureate graduation requirements for the department in which they are majoring.
Surveying & Surveying Practice CI1009, CI1010	3,1	
Applied Mechanics CI1008	4	2. Students are required to take at least one of the following design courses offered by the Department:
Mechanics of Materials CI2004	3	
Engineering Materials CI2005	3	Reinforced Concrete Design (3)* CI3012
Fluid Mechanics CI2011	3	Traffic Engineering and Design (3) CI3028
Structural Theory I CI2019	3	Water Resources Engineering (3) CI3056
Environmental Engineering CI2020	3	Underground Structure Design and Construction (3) CI4038
Reinforced Concrete CI3005	3	Prestressed Concrete Design (3) CI4040
Soil Mechanics I CI3003	3	Pavement Design (3) CI4041
Civil Engineering Experiments I CI3036	2	Soil Reinforcing Techniques (3) CI4060
Civil Engineering Experiments II CI3037	2	Asphalt Concrete Mix Design (3) CI6065
Hydrology CI3030	3	Pavement Design of Highway (3) CI6069
Transportation Engineering CI3011	3	Foundation Design (3) CI4046
Foundation Engineering CI3010	3	Bridge Design I (3) CI7036
Construction Management CI4010	3	Bridge Design II (3) CI7037
Engineering Geology CI3040	3	Structural Design for Tall Buildings I (3) CI7089
Engineering Drafting and Drawing CI2007	1	Structural Design for Tall Buildings II (3) CI7090
Case Report for Civil Engineering CI4001	1	*The figures in parentheses refer to the number of course credit hours.
Total Course Credit Hours	51	