

CIVIL ENGINEERING

Recommended course plan

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	Writ 101 - First Year Writing I	3	Writ 102 - First Year Writing II	3
	Chem 105/115–General Chemistry I, Lab	4	Math 262 – Calculus II	3
	Math 261 – Calculus I	3	Phys 211/221 – Calc-based Physics I, Lab	4
	CE 101 – Intro to Civil Engineering I	1	Csci 251 – Programming	3
	Social Science	3	CE 102 – Intro to Civil Engineering II	1
				Humanities
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	17
SOPHOMORE	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 212/222 –Calc-based Physics II, Lab	4	Math 353 – Differential Equations	3
	Engr 309 – Statics	3	Engr 312 – Mechanics of Materials	3
	CE 207 – Surveying	2	CE 371 – Environmental Engineering I	3
	CE 208 – Civil Engineering Graphics I	1	Spch 10X – Speech	3
	Fine Arts	3	Humanities/Fine Arts/Language	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	18
JUNIOR	CE 205 – Civil Engineering Lab I	1	CE 305 – Civil Engineering Lab II	1
	CE 311 – Structural Analysis	3	CE 315 – Civil Engineering Materials	3
	CE 481 – Transportation Engineering I	3	CE 413 – Steel Design	3
	CE 412 – Design of Concrete Structures	3	CE 417 – Construction Management	3
	Engr 310 – Engineering Analysis I	3	CE 431 – Soil Mechanics I	3
	Engr 323 – Fluid Mechanics	3	Tech Elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
SENIOR	CE 401 – Civil Engineering Fundamentals	1	Econ 310 – Engineering Economy	3
	CE 405 – Civil Engineering Lab III	1	CE 456 – Civil Engineering Design II	3
	CE 433 – Foundation Engineering	3	Basic Science Elective	3
	CE 455 – Civil Engineering Design I	2	Tech Elective	3
	CE 472 – Water Resources Engineering	3	Tech Elective	3
	Engr 400 – Leadership & Professionalism	1		
	Tech Elective	3		
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	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	15
MINIMUM TOTAL CREDIT HOURS				129



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