

**CE Curriculum, Approved by the University Curriculum Council on April 27, 2006**

<b>First Year</b>			
<b>Fall</b>		<b>Spring</b>	
ENGL 102 Critical Reading and Writing	3	MATH 175 Calculus II	4
MATH 170 Calculus I	4	MATH 230 Introduction to Linear Algebra	2
CHEM 111 General Chemistry I	5	PHYS 211 Engineering Physics I	4
ENGR 120 Introduction to Engineering	2	<b>ENGR 165 Structured Programming</b>	2
COMM 101 Principles of Speech	3	<b>ENGR 167 Engineering &amp; Scientific Prog.</b>	1
		ENGR 105 Engineering Graphics	2
		Humanities and Social Sciences	3
Total	17	Total	18

<b>Second Year</b>			
<b>Fall</b>		<b>Spring</b>	
ENGR 210 Engineering Statics	3	ENGR 220 Engineering Dynamics	3
ENGR 240 Intro. to Electrical Circuits	3	ENGR 350 Mech. of Materials	3
PHYS 212 Engineering Physics II	4	ENGR 224 Materials & Measurement Lab	1
ENGR 223 Materials and Measurements	3	<b>ENGR 361 Engr. Econ. &amp; Management</b>	3
Humanities and Social Sciences	3	MATH 360 Differential Equations	3
		Humanities and Social Sciences	3
Total	16	Total	16

<b>Third Year</b>			
<b>Fall</b>		<b>Spring</b>	
<b>CE 362 Structural Analysis</b>	4	CE 332 Basic Geotechnics	3
ENGR 307 Thermodynamics	3	CE 341 Fluid Mechanics	3
CE 301 Surveying	3	<b>CE 351 Engineering Hydrology</b>	2
MATH 352 General Statistics	3	<b>ENVE 408 Water and Wastewater Quality</b>	3
Humanities and Social Sciences	3	CE 462 Design of Steel Structures	3
		CE 464 Design of Concrete Structures	3
Total	16	Total	17

<b>Fourth Year</b>			
<b>Fall</b>		<b>Spring</b>	
ENVE 410 Intro. to Envir. Engineering	3	CE 436 Roadway Design	3
CE 434 Geotechnical Design	3	CE 467 Structural Engineering Laboratory	1
CE 437 Geotechnical Engineering Lab	1	<b>ENGR 496B Project Design II</b>	3
CE 435 Hydraulic Design	3	CE Technical Elective	3
<b>ENGR 496A Project Design I</b>	3	CE Technical Elective	3
<b>CE 490 Civil Engineering Seminar</b>	1	Humanities and Social Sciences	3
CE Technical Elective	3		
Total	17	Total	16

<b>Total Number of Credits</b>			<b>133</b>
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*Courses in italic bold are new and/or revised courses*