

Civil Engineering
130 Credit Hours

FRESHMAN YEAR					
First Semester			Second Semester		
Course No.	Course Title	Hrs	Course No.	Course Title	Hrs
ORI 101	First Year Experience	1	ORI 102	First Year Experience	1
ENG 101	Composition I ²	3	ENG 102	Composition II ²	3
MTH 125	Calculus I	4	EGC 104	Computer Programming ²	3
CHE 101	General Chemistry I	3	CHE 102	General Chemistry II	3
CHE 101L	General Chemistry I Lab	1	CHE 102L	General Chemistry II Lab	1
PHY 213	General Physics with Calculus I	4	EGC 101	Engg Drawing/Graphics ²	3
CE 101	Intro to Civil Engg ²	<u>3</u>	MTH 126	Calculus II	<u>4</u>
		19			18

SOPHOMORE YEAR					
First Semester			Second Semester		
Course No.	Course Title	Hrs	Course No.	Course Title	Hrs
	HIS Sequence – See GenEd Listing ¹	3		HIS Sequence – See GenEd Listing ¹	3
MTH 227	Calculus III	4	MTH 238	Applied Differential Equations	3
PHY 214	General Physics with Calculus II	4	EE 201	Linear Circuit Analysis I ²	3
EGC 205	Statics ²	3	EGC 206	Dynamics ²	3
CE 201	Surveying ²	3	EGC 207	Strength of Materials ²	3
	PED/MSC/HED – See GenEd Listing ¹	<u>2</u>	EGC 207L	Strength of Materials Lab ²	<u>1</u>
		19			16

Submit Junior Audit.

JUNIOR YEAR					
First Semester			Second Semester		
Course No.	Course Title	Hrs	Course No.	Course Title	Hrs
	Hum/Fine Art – See GenEd Listing ¹	3	CE 304	Environmental Engineering ²	3
	Economics – See GenEd Listing ¹	3	CE 305	Hydrogeology ²	3
EGC 204	Engineering Analysis ²	3	CE 308	Soil Mechanics ²	3
EGC 305	Fluid Mechanics ²	3	CE 310	Transportation Systems ²	3
EGC 305L	Fluid Mechanics Lab ²	1	CE 401	Structural Steel Design ²	<u>3</u>
CE 306	Structural Analysis I ²	<u>3</u>			15
		16			

Submit Senior Record.

SENIOR YEAR					
First Semester			Second Semester		
Course No.	Course Title	Hrs	Course No.	Course Title	Hrs
	Literature – See GenEd Listing ¹	3		Fine Arts – See GenEd Listing ¹	3
CE 402	Reinforced Concrete Design ²	3	CE 404	Hydraulic Engg & Design ²	3
CE 408	Foundation Design ²	3	CE 440	Fundamentals of Engineering ²	0
CE 410	Transportation Engg & Design ²	3	CE 470	Civil Engg Design Project ² [CS]	3
CE 424	Civil Engineering Practice ²	<u>3</u>		² CE 4xx, ² NRE 494, 495	<u>3</u>
		15			12

¹See [General Education Requirements](#) section of this Bulletin for eligible courses.

²MinGrade of C required.