

NAME:

ID #

EMAIL:

## DEPARTMENT OF CIVIL & MECHANICAL ENGINEERING

### CIVIL ENGINEERING

FIRST SEMESTER					SECOND SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
ENGR 127 Engineering Fund I		4			ENGR 128 Engineering Fund II		4		
MA 165 Calculus and Analytic Geometry I		4			MA 166 Calculus and Analytic Geometry II		4		
CMH 115 General Chemistry		4			PHYS 152 Mechanics		5		
ENG W131 Elementary Composition		3			COM 114 Fundamentals of Speech		3		
<b>SEMESTER CREDIT HOURS</b>		<b>15</b>			<b>SEMESTER CREDIT HOURS</b>		<b>16</b>		

THIRD SEMESTER					FOURTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
MA 261 Multivariate Calculus		4			MA 363 Differential Equations		3		
MA 351 Elementary Linear Algebra		3			CE 251 Dynamics		3		
PHYS 251 Heat, Electricity, and Optics		5			CE 252 Strength of Materials		3		
CE 250 Statics		3			CE 315 Civil Engineering Materials		3		
CE 210 Introduction to Geomatics		3			General Education Elective (Table B5)		3		
<b>SEMESTER CREDIT HOURS</b>		<b>18</b>			<b>SEMESTER CREDIT HOURS</b>		<b>15</b>		

FIFTH SEMESTER					SIXTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
CE 316 Civil Engineering Materials Lab		1			CE 319 Fluid Mechanics Lab		1		
CE 318 Fluid Mechanics		3			CE 345 Transportation Engineering		3		
CE 365 Environmental Engineering		3			CE 366 Environmental Engineering Lab		1		
CE 375 Structural Analysis		3			CE 478 Design of Concrete Structures		3		
CE 330 Construction Management		3			CE 380 Soil Mechanics		3		
General Education Elective (Table B6)		3			CE 381 Soil Mechanics Lab		1		
<b>SEMESTER CREDIT HOURS</b>		<b>16</b>			<b>SEMESTER CREDIT HOURS</b>		<b>12</b>		

SEVENTH SEMESTER					EIGHTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
CE 418 Hydraulics Engineering		3			Technical Elective		3		
STAT 511 Statistical Methods		3			Technical Elective		3		
CE 401 CE Profession & Practice		1			CE 488 CE Design Project II or Tech Elective		3		
CE 487 CE Design Project		3			General Education Elective(CE List: Table A1-B7)		3		
CE 481 Foundation Engineering		3							
Technical Elective		3							
					<b>SEMESTER CREDIT HOURS</b>		<b>12</b>		
<b>SEMESTER CREDIT HOURS</b>		<b>16</b>							

**Total Credit Hours: 120**