**CIVIL ENGINEERING**

**Academic Year: 2020-2021**

**FIRST YEAR**

**Fall**
- CCE 101 or ENGR 111: Orientation (F 2 or 3)  
- CH 201 or CH 231 & 261: Chemistry (F, W, S 3 or 5)  
- MTH 251: Differential Calc (F, W, S 4)  
- WR 121: English Composition (F, W, S 3)  
- Perspective-: Literature & Arts (F, W, S 3)

**Winter**
- CCE 102 or ENGR 112: Problem Solving (W 3)  
- CH 202 or CH 232 & 262: Chemistry (W, S 3 or 5)  
- MTH 252: Integral Calc (F, W, S 4)  
- COMM 111 or 114: Speech Comm (F, W, S 3)

**Spring**
- MTH 111: Intro to Microeconomics (F, W, S 4)  
- CH 205: Chemistry Lab (W, S 1)  
- COMM 110: Physical Activity Course (F, W, S 1)

**SECOND YEAR**

**Fall**
- MTH 111 or higher
- CCE 201: Graphics & Design (F, W 3)  
- ENGR 211: Statics (F, W, S 3)  
- CCE 207: CCE Seminar (F 1)

**Winter**
- CCE 201 or ENGR 248
- CE 202: Geospatial Info & GIS (W, S 3)  
- ENGR 213: Strength of Materials (F, W, S 3)

**Spring**
- PH 213: General Physics w/Calc (F, W, S 4)  
- WR 327: Technical Writing (F, W, S 3)  
- Perspective:- Cultural Diversity (F, W, S 3)

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**Notes:**
- **Satisfies Perspective – Social Processes & Institutions.**
- ( ) The number within the parentheses represent the credits for the course.
- **F, W, S** Represents the term the course is offered (Fall, Winter, and Spring term, respectively).
CIVIL ENGINEERING

THIRD YEAR

Academic Year: 2020-2021

Fall

CE 311
Fluid Mechanics
F, W (4)

CE 381
Structural Theory
F, W (4)

CE 361
Surveying Theory
F, S (4)

Difference, Power & Discrimination
F, W, S (3)

Winter

CE 313
Hydraulic Engineering
W, S (4)

CE 382
Structural Theory II
W, S (4)

ENGR 213

CE 371

Spring

CE 412
Hydrology
F, S (4)

CE 481
Reinforced Concrete I
F, S (4)

CE 373
Geotechnical Engineering II
F, W (4)

CE 392
Intro to Highway Engineering
W, S (4)

CE 482

Fall

CE 383
Design of Steel Structures
F, W (4)

CE 313

Winter

CE 382

Spring

CE 392, CE 372

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NOTES:

1. Credits to graduate = 180.

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