<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>Academic Year: 2019-2020</th>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Winter</strong></td>
<td><strong>Spring</strong></td>
</tr>
<tr>
<td>CCE 101 or ENGR 111</td>
<td>Orientation</td>
<td>F (2 or 3)</td>
</tr>
<tr>
<td>CH 201 or CH 231 &amp; 261</td>
<td>Chemistry</td>
<td>F, W (3 or 5)</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Co-Req: MTH 112 or higher</td>
<td>MTH 111</td>
</tr>
<tr>
<td>MTH 112</td>
<td>MTH 251</td>
<td>MTH 111</td>
</tr>
<tr>
<td>MTH 252</td>
<td>Differential Calc</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>MTH 251</td>
<td>Integral Calc</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>WR 121</td>
<td>English Composition</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>Lifetime Fitness</td>
<td>e.g. HHS 231 + PAC</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>COMM 111 or 114</td>
<td>Speech Comm</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>CCE 102 or ENGR 112</td>
<td>Problem Solving</td>
<td>W (3)</td>
</tr>
<tr>
<td>PH 211</td>
<td>General Physics w/Calc</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>ECON 201**</td>
<td>Intro to Microeconomics</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Intro to Macroeconomics</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>ST 314</td>
<td>Statistics for Engineers</td>
<td>F, W, S, U (3)</td>
</tr>
<tr>
<td>MTH 251</td>
<td>Integral Calc</td>
<td>F, W, S (4)</td>
</tr>
<tr>
<td>Perspectives - Cultural Diversity</td>
<td>F, W, S, U (3)</td>
<td></td>
</tr>
<tr>
<td>CCE 207</td>
<td>CCE Seminar</td>
<td>F (1)</td>
</tr>
<tr>
<td>CCE 203</td>
<td>Virtual Design &amp; Construction</td>
<td>W, S (3)</td>
</tr>
<tr>
<td>ECON 201 or ENGR 248</td>
<td>Biological Science Elective w/Lab</td>
<td>F, W, S, U (4)</td>
</tr>
<tr>
<td>ENGR 211</td>
<td>Strength of Materials</td>
<td>F, W, S, U (3)</td>
</tr>
<tr>
<td>ENGR 213</td>
<td>Engineering Economy</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>CEM 263</td>
<td>Plane Surveying</td>
<td>F, S (3)</td>
</tr>
<tr>
<td>WR 327</td>
<td>Technical Writing</td>
<td>F, W, S, U (3)</td>
</tr>
<tr>
<td>WR 121</td>
<td>English Composition</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>Lifetime Fitness</td>
<td>e.g. HHS 231 + PAC</td>
<td>F, W, S (3)</td>
</tr>
<tr>
<td>Perspectives - Literature &amp; Arts</td>
<td>F, W, S, U (3)</td>
<td></td>
</tr>
</tbody>
</table>

Notes: PH 201+202+203 can be substituted for PH 211+212; CH 121+122 can be substituted for CH 201
* Satisfies Perspective – Western Culture
** Satisfies Perspective – Social Processes & Institutions.
( ) The number within the parentheses represent the credits of the course.
F, W, S Represents the term the course is offered (Fall, Winter and Spring term respectively).

Rev. 04/2020
### Academic Year: 2019-2020

#### THIRD YEAR

**Fall**
- ENGR 213, ST 314
- CCE 321
  - Civil & Construction Engineering Management
  - F, S, U (4)
- CCE 207

**Winter**
- ENGR 213
- CEM 311
  - Hydraulics
  - W, S (3)

**Spring**
- ENGR 213
- CEM 341
  - Construction Estimating I
  - S (4)

### FOURTH YEAR

**Fall**
- CEM 381
  - Structures I
  - F, S (4)
- CEM 383
  - Structures II
  - F, W (4)
- CCE 203
  - Temporary Construction Structures
  - W, S (4)
- BA 351
  - Human Resources Management
  - F, W, S, U (4)
- Upper Division or Grad. College of Engr Elective
  - F, W, S (4)
- CCE 207 (for CEM 326)

**Winter**
- CEM 341
  - Co-Req: CEM 342
- CEM 342
  - Construction Estimating II
  - F (4)
- CEM 343
  - Construction Planning & Scheduling
  - F (2)
- CEM 431/432
  - F/S (4/3)
- CEM 443
  - Project Management for Construction
  - W, S (4)
- Synthesis - STS
  - F, W, S, U (3)
- Synthesis – CGI
  - F, W, S, U (3)
- Upper Division or Grad. College of Engr Elective
  - F, W, S (4)

**Spring**
- CEM 431/432
  - F/S (4/3)
- CEM 444
  - CEE 321, FE 315 or CEE 372, and CEM 383
- CEM 443
  - Managing Organizations
  - F, W, S, U (4)
- Synthesis – CGI
  - F, W, S, U (3)

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Credits to graduate: 180

( ) The number within the parentheses represent the credits of the course.

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Rev. 06/2019