<table>
<thead>
<tr>
<th>1 Fall</th>
<th>1 Spring</th>
<th>2 Fall</th>
<th>2 Spring</th>
<th>3 Fall</th>
<th>3 Spring</th>
<th>4 Fall</th>
<th>4 Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CE 160 Eng Prob w/Comp Lab</td>
<td>CE 170 Graphics for Civil Engineers</td>
<td>CE 111 Fund of Surveying I</td>
<td>ConE 251 M/E Materials and Methods</td>
<td>ConE 353 Elec Sys in Bldgs</td>
<td>ConE 322 Constr Equip &amp; Hvy Constr Meth</td>
<td>ConE 441 Constr Plng, Sch &amp; Cont</td>
<td>ConE 488 Constr Engr Design II</td>
</tr>
<tr>
<td>*Math 165 Calculus I</td>
<td>*Math 166 Calculus II</td>
<td>Math or Stat Elective</td>
<td>Math 267 Elem Differential Eqn &amp; Laplace</td>
<td>Statistics</td>
<td>Law Elective</td>
<td>Core Classes Require a MINIMUM Cumulative 2.00 GPA</td>
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</tr>
<tr>
<td>*Chem 167 Gen Chem for Eng Students</td>
<td>*Phys 221 Intro to Classical Physics I</td>
<td>Phys 222 Intro to Classical Physics II</td>
<td>EM 274 Engr Statics</td>
<td>EM 324 Mech of Mats</td>
<td>CE 360 Soils Engrg</td>
<td>Core Classes Require a MINIMUM Cumulative 2.00 GPA</td>
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<tr>
<td>*Engl 150 Critical Thinking &amp; Communication</td>
<td>*Engl 250 WOVE Communication</td>
<td>SSH Elective Econ 101 or 102</td>
<td>IE 305 Engineering Economic Analysis</td>
<td>EM 378 Mech of Fluids</td>
<td>CE 332 Struct Analysis I</td>
<td>Core Classes Require a MINIMUM Cumulative 2.00 GPA</td>
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</table>

**Transfer Grade Requirements:**
The department requires a grade of C or better for any transfer credit course that is applied to the degree program.

1) Minimum grade ENGL courses: C in each

*Denotes Basic Program Course

2) Math or Statistics Elective

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Math 265</td>
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</tr>
<tr>
<td>Math 207</td>
<td>3</td>
</tr>
<tr>
<td>Stat 415</td>
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</table>

3) Engineering Topics Electives

3 Credits Required for Building Emphasis

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CE 326</td>
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<tr>
<td>ConE 490</td>
<td>1-3</td>
</tr>
<tr>
<td>CE 372</td>
<td>4</td>
</tr>
<tr>
<td>EM 345</td>
<td>3</td>
</tr>
<tr>
<td>CE 446</td>
<td>3</td>
</tr>
<tr>
<td>EE 314</td>
<td>3</td>
</tr>
<tr>
<td>CE 448</td>
<td>3</td>
</tr>
<tr>
<td>MatE 273</td>
<td>3</td>
</tr>
<tr>
<td>CE 460</td>
<td>3</td>
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<tr>
<td>Geol 201</td>
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<td>Fall only</td>
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</tr>
<tr>
<td>ConE 354</td>
<td>3</td>
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<tr>
<td>ConE 381A</td>
<td>1</td>
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<tr>
<td>ConE 481A</td>
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</tbody>
</table>

Any CE 500-level course (except CE 594A)

- CE 501 (F only)
- CE 502 (S only)
- CE 503 (S only)
- CE 505 (F only)
- CE 594L (SS only)
- CE 594O (S only)
- CE 594P (F only)

4) Building Emphasis Core Courses

Core Classes Require a MINIMUM Cumulative 2.00 GPA

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 274</td>
<td>3</td>
</tr>
<tr>
<td>EM 324</td>
<td>3</td>
</tr>
<tr>
<td>ConE 322</td>
<td>3</td>
</tr>
<tr>
<td>EM 378</td>
<td>3</td>
</tr>
<tr>
<td>CE 360</td>
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<td>ConE 422</td>
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<tr>
<td>ConE 441</td>
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<tr>
<td>CE 332</td>
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<tr>
<td>ConE 340</td>
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</tbody>
</table>

Total credits required, undergraduate program: Building Emphasis 127

Revised 4/2018 js