### 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 Courses

### 2) Math or Statistics Elective
- Math 265 (4)
- Math 207 (3)
- Stat 415 (4)

### 3) Engineering Topics Electives
3 Credits Required for Mechanical Emphasis
- ConE 354 (3)
- Any ME 300- or 400-level course
- Any CE 500-level course (except CE 594A)
  - CE 501 (3) (F only)
  - CE 502 (3) (S only)
  - CE 503 (3) (S only)
  - CE 505 (3) (F only)
  - CE 594L (3) (S only)
  - CE 594O (3) (Alt S only)
  - CE 594P (3) (F only)

### 4) Mechanical Emphasis Core Courses
Core Classes Require a MINIMUM Cumulative 2.00 GPA
- EM 274 (3)
- EM 324 (3)
- EM 378 (3)
- ConE 422 (3)
- ConE 441 (3)
- ME 231 (3)
- ME 436 (4)
- ME 441 (3)
- CE 332 (3)

**Total credits required, undergraduate program:**
Mechanical Emphasis 127

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<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>
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</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>EE 442 Circuits, Instruments and Electronics</td>
<td>ConE 441 Constr Plng, Sch &amp; Cont</td>
<td>ConE 488 Constr Engr Design II</td>
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<tr>
<td>*Math 165 Calculus I</td>
<td>*Math 166 Calculus II</td>
<td>Math/Stat Elective</td>
<td>Math 267 Elem Differential Eqn &amp; Laplace</td>
<td>Statistics</td>
<td>EE 448 Intro to AC Circuits &amp; Motors</td>
<td>ME 436 Heat Transfer</td>
<td>ME 442 Htg &amp; Air Cond Design (Spring only)</td>
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<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 Statics of Engr</td>
<td>EM 324 Mech of Matls</td>
<td>CE 332 Struc Analysis I</td>
<td>ME 441 Fund of HVAC (Fall only)</td>
<td>Bus Comm Elective Engl 302/309/314</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>ME 231 Thermodynamics</td>
<td>EM 378 Mech of Fluids</td>
<td>Engr Topics Elective</td>
<td>SSH Elective International Perspective</td>
</tr>
</tbody>
</table>

| 15 | 16 | 17 | 18 | 16 | 16 | 15 |

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**SAMPLE**

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*Revised 10/2018 af*