### Mechanical Emphasis

**127 Credits**

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<tr>
<th>1 Fall</th>
<th>1 Spring</th>
<th>2 Fall</th>
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<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>*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* Fund of HVAC (Fall only)</td>
<td>ME 443* Fund of HVAC (Fall only)</td>
<td>Bus Comm* Elective Engl 302/309/314</td>
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<tr>
<td><em>Engl 150</em> Critical Thinking &amp; Communication</td>
<td><em>Engl 250</em> WOVE Communication</td>
<td>SSH Elective Econ 101 or 102</td>
<td>IE 305 Engineering Economic Analysis</td>
<td>ME 231* Engineering Thermodynamics</td>
<td>EM 378* Mech of Fluids</td>
<td>Engr Topics Elective</td>
<td>SSH Elective International Perspective</td>
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<td>*Engr 101 Engineering Orientation</td>
<td>*Lib 160 Libr Instr</td>
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<th>Credits Required</th>
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<td>15</td>
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### 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

Mth 265 (4)  
Mth 207 (3)  
Stat 587 (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) (SS only)
- CE 594O (3) (Alt S only)
- CE 594P (3) (F only)
- CE 594W (3) (Alt S 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)  
- CE 333 (4)

Total credits required, undergraduate program:
Mechanical Emphasis 127

Revised 3/4/2019 af