## COURSE MATRIX 2013-2014 General Catalog

### Building Emphasis
**125 Credits**

<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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<tbody>
<tr>
<td><em>CE 160 Eng Prob w/Comp Lab</em></td>
<td><em>Math 166 Calculus II</em></td>
<td>CE 111 (3) Fund of Surveying I</td>
<td>ConE 251 (1) M&amp;E Materials and Methods</td>
<td>Law Elective</td>
<td>ConE 352 (3) Mech Sys in Bldgs</td>
<td>ConE 441 (3) Constr Plng, Sch &amp; Cont</td>
<td>ConE 488 (3) Constr Engrg Design II</td>
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<td><em>Engl 150 Critical Thinking &amp; Communication</em></td>
<td>ConE 122 Learning Community</td>
<td>SSH Elective (3) Econ 101 or 102</td>
<td>SSH Elective</td>
<td>IE 305 (3) Engineering Economic Analysis</td>
<td>CE 360 (3) Soils Engrg</td>
<td>SSH Elective (3) SSH Elective US Diversity</td>
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<td>ConE 121 Learning Community</td>
<td>Lib 160 Libr Instr</td>
<td>Math or Stat Elective (3)</td>
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<td>EM 327 (3) Mech of Matls Lab</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 Course

2) To allow greater flexibility for changing between emphases and to meet ABET requirements, students are encouraged to take Math 267.

### Engr Topics Electives
2 Credits Required For Building Emphasis

- CE 326 (3) ConE 490 (1-3)
- CE 372 (4) EM 345 (3)
- CE 446 (3) EE 314 (3)
- CE 460 (3) MatE 273 (3)
- Geol 201 (3) Fall only
- ConE 381A (1) & ConE 481A (1) Fall only
- Any CE 500-level course (except CE 594A or F).

- CE 382 (3cr) may be substituted for CE 383 with the remaining 2 credits to count for Engineering Topic Elective.

### Building Emphasis Core Courses
- Building Core Classes Require a MINIMUM Cumulative 2.00 GPA
  - EM 274 (3)
  - EM 324 (3)
  - ConE 322 (3)
  - EM 378 (3)
  - CE 360 (3)
  - ConE 422 (3)
  - ConE 441 (3)
  - CE 332 (3)
  - ConE 340 (3)

Total credits required, undergraduate program: Building Emphasis 125

Revised 2/2018