# Mechanical Engineering

## Adequate Math Preparation

### Sample Schedule

#### Year 1

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>January Term</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus with Applications or Calculus</td>
<td>ECC: Computer Programming for Engineers</td>
<td>General Elective</td>
</tr>
<tr>
<td>Engineering Ethics</td>
<td>First-year Writing Seminar</td>
<td>Colloquium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Semester</td>
</tr>
<tr>
<td>Linear Algebra</td>
</tr>
<tr>
<td>Differential Equations</td>
</tr>
<tr>
<td>Foundations of Science 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECC: Circuits</td>
</tr>
<tr>
<td>Solid Mechanics</td>
</tr>
</tbody>
</table>

#### Year 3

<table>
<thead>
<tr>
<th>Fall Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermodynamics</td>
</tr>
<tr>
<td>Heat Transport</td>
</tr>
<tr>
<td>Colloquium</td>
</tr>
</tbody>
</table>