MINOR IN MECHANICAL ENGINEERING

REQUIREMENTS

The following requirements must be fulfilled: 18 credits in required courses for the minor and successful completion of all prerequisite courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites</td>
<td></td>
</tr>
</tbody>
</table>

The following courses must be completed before beginning the minor:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>APSC 2113</td>
<td>Engineering Analysis I</td>
<td></td>
</tr>
<tr>
<td>MATH 1231</td>
<td>Single-Variable Calculus I</td>
<td></td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Single-Variable Calculus II</td>
<td></td>
</tr>
<tr>
<td>MATH 2233</td>
<td>Multivariable Calculus</td>
<td></td>
</tr>
<tr>
<td>PHYS 1021</td>
<td>University Physics I</td>
<td></td>
</tr>
</tbody>
</table>

Minor courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>APSC 2057</td>
<td>Analytical Mechanics I</td>
<td></td>
</tr>
<tr>
<td>APSC 2058</td>
<td>Analytical Mechanics II</td>
<td></td>
</tr>
<tr>
<td>CE 2220</td>
<td>Introduction to the Mechanics of Solids</td>
<td></td>
</tr>
<tr>
<td>MAE 2131</td>
<td>Thermodynamics</td>
<td></td>
</tr>
<tr>
<td>MAE 3126</td>
<td>Fluid Mechanics I (taken for 3 credits)</td>
<td></td>
</tr>
<tr>
<td>MAE 3187</td>
<td>Heat Transfer</td>
<td></td>
</tr>
<tr>
<td>or MAE 3191</td>
<td>Mechanical Design of Machine Elements</td>
<td></td>
</tr>
</tbody>
</table>