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><strong>Required</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisites</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The following courses must be completed before beginning the minor:

- APSC 2113 Engineering Analysis I
- MATH 1231 Single-Variable Calculus I
- MATH 1232 Single-Variable Calculus II
- MATH 2233 Multivariable Calculus
- PHYS 1021 University Physics I

**Minor courses**

- APSC 2057 Analytical Mechanics I
- APSC 2058 Analytical Mechanics II
- CE 2220 Introduction to the Mechanics of Solids
- MAE 2131 Thermodynamics
- MAE 3126 Fluid Mechanics I (taken for 3 credits)
- MAE 3187 Heat Transfer
  
  or MAE 3191 Mechanical Design of Machine Elements