**Minor in Electrical Engineering**

For the minor, 19 semester hours are required, excluding prerequisite courses. Students outside the Department of Electrical and Computer Engineering must complete the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 180</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 181</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 210</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MATH 220</td>
<td>Introduction to Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 141</td>
<td>General Physics I (Mechanics)</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 142</td>
<td>General Physics II (Electricity and Magnetism)</td>
<td>4</td>
</tr>
<tr>
<td>ECE 115</td>
<td>Introduction to Electrical and Computer Engineering</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECE 225</td>
<td>Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>ECE 265</td>
<td>Introduction to Logic Design</td>
<td>4</td>
</tr>
<tr>
<td>ECE 310</td>
<td>Discrete and Continuous Signals and Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECE 322</td>
<td>Introduction to Electromagnetics and Applications</td>
<td>4</td>
</tr>
<tr>
<td>ECE 340</td>
<td>Electronics I</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>19</strong></td>
</tr>
</tbody>
</table>