Electrical Engineering Minor

Minor in Electrical Engineering

Admission to the Joint Engineering program is required. A minimum of 18 credit hours in Joint Electrical Engineering courses are required.

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>J E ENGR 2300</td>
<td>Introduction to Electrical Networks</td>
<td>3</td>
</tr>
<tr>
<td>J E ENGR 2330</td>
<td>Electrical and Electronic Circuits Laboratory</td>
<td>3</td>
</tr>
</tbody>
</table>

**Take three courses from the following list:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>J E ENGR 2320</td>
<td>Introduction to Electronic Circuits</td>
</tr>
<tr>
<td>J E ENGR 2600</td>
<td>Introduction to Digital Logic and Computer Design</td>
</tr>
<tr>
<td>J E ENGR 3300</td>
<td>Engineering Electro Magnetic Principles</td>
</tr>
<tr>
<td>J E ENGR 3310</td>
<td>Electronics Laboratory</td>
</tr>
<tr>
<td>J E ENGR 3320</td>
<td>Power, Energy and Polyphase Circuits</td>
</tr>
<tr>
<td>J E ENGR 3510</td>
<td>Signals and Systems</td>
</tr>
<tr>
<td>J E ENGR 4350</td>
<td>Electrical Energy Laboratory</td>
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<tr>
<td>J E ENGR 4410</td>
<td>Control Systems I</td>
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</tbody>
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**At least one additional J E ENGR Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>3</td>
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</tbody>
</table>

**Total Hours**

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<tbody>
<tr>
<td></td>
<td>Total Hours</td>
</tr>
<tr>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>