MINOR IN ELECTRICAL ENGINEERING

Requirements

Students must follow these guidelines in order to qualify for this minor:

- No more than 6 credits hours may be taken outside the ECE department.
- Students must maintain a minimum 2.0 grade point average in all ECE courses taken.
- Students with a major in Computer Engineering wishing to add a minor in Electrical Engineering must take 6 Electrical Engineering course credit hours in addition to those needed to satisfy their degree requirements.

Curriculum

Students wishing to minor in Electrical Engineering should satisfy a 15 credit hour requirement specified as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 201</td>
<td>Electrical Circuit Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECE 202</td>
<td>Electronics I</td>
<td>3</td>
</tr>
<tr>
<td>ECE 203</td>
<td>Electrical Circuits Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Select a minimum of 8 credit hours of electrical engineering electives of the following:

- ECE 206  Circuits, Signals and Systems
- ECE 211  Logic Design
- ECE 301  Electromagnetic Field Theory
- ECE 302  Electronics II
- ECE 303  Electronics Laboratory
- ECE 308  Linear Control Systems
- ECE 336  Discrete-Time Signals And Systems
- ECE 404  Communication Systems
- ECE 405  Solid-State Electronics
- ECE 417  Embedded Microprocessor System Design
- ECE 436  Digital Signal Processing
- ECE 454  Digital System Design and Testing
- ECE 502  Engineering Acoustics
- ECE 503  Laser Communications
- ECE 504  Fundamentals of Optical Devices
- ECE 505  Semiconductor Photonic Devices
- ECE 506  Microfabrication
- ECE 532  VLSI Systems
- ECE 533  Random Signals and Noise
- ECE 538  Introduction to Digital Image Processing
- ECE 543  BioNanotechnology

Total Credit Hours 15