Class Schedule - Fall 2018

Electrical and Computer Engineering

ECE 444  IC Device Theory & Fabrication  credit: 4 hours.
Fabrication lab emphasizing physical theory and design of devices suitable for integrated circuitry; electrical properties of semiconductors and techniques (epitaxial growth, oxidation, photolithography diffusion, ion implantation, metallization, and characterization) for fabricating integrated circuit devices such as p-n junction diodes, bipolar transistors, and field effect transistors. 4 undergraduate hours. 4 graduate hours. Prerequisite: ECE 340.

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<tr>
<th>CRN</th>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>36808</td>
<td>Laboratory</td>
<td>AB1</td>
<td>02:00 PM - 04:50 PM</td>
<td>F</td>
<td>ARR - Micro &amp; Nanotechnology Lab</td>
<td></td>
</tr>
</tbody>
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<tbody>
<tr>
<td>36809</td>
<td>Laboratory</td>
<td>AB2</td>
<td>08:00 AM - 10:50 AM</td>
<td>T</td>
<td>ARR - Micro &amp; Nanotechnology Lab</td>
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<tbody>
<tr>
<td>36819</td>
<td>Laboratory</td>
<td>AB3</td>
<td>12:00 PM - 02:50 PM</td>
<td>T</td>
<td>ARR - Micro &amp; Nanotechnology Lab</td>
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<tr>
<td>36817</td>
<td>Laboratory</td>
<td>AB4</td>
<td>02:00 PM - 04:50 PM</td>
<td>W</td>
<td>ARR - Micro &amp; Nanotechnology Lab</td>
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<tr>
<td>36816</td>
<td>Laboratory</td>
<td>AB5</td>
<td>09:00 AM - 11:50 AM</td>
<td>R</td>
<td>ARR - Micro &amp; Nanotechnology Lab</td>
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### 36814 - Laboratory
- **Location**: AB6
- **Time**: 02:00 PM - 04:50 PM
- **Days**: M
- **Lab Type**: ARR - Micro & Nanotechnology Lab

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### 41682 - Laboratory
- **Location**: AB7
- **Time**: 02:00 PM - 04:50 PM
- **Days**: R
- **Lab Type**: ARR - Micro & Nanotechnology Lab

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### 36813 - Discussion/Recitation
- **Location**: AD1
- **Time**: 09:00 AM - 09:50 AM
- **Days**: MWF
- **Lab Type**: 2013 - Electrical & Computer Eng Bldg
- **Instructor**: Li, X

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### 36811 - Discussion/Recitation
- **Location**: AD2
- **Time**: 10:00 AM - 10:50 AM
- **Days**: MWF
- **Lab Type**: 1015 - Electrical & Computer Eng Bldg
- **Instructor**: Lyding, J

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