## EE 105 - Introduction to Electrical Engineering

### Electrical Engineering Core Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>EE 109</td>
<td>Int. to Embedded Systems</td>
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<tr>
<td>EE 355</td>
<td>Software Design</td>
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<tr>
<td>EE 364</td>
<td>Probability and Statistics</td>
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<tr>
<td>EE 202</td>
<td>Linear Circuits</td>
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<tr>
<td>EE 150</td>
<td>Computational Methods</td>
</tr>
<tr>
<td>EE 330</td>
<td>Electromagnetics I</td>
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</tbody>
</table>

### Computer Engineering

**Entry-Level Electives (Take 4)**
- EE 209
- EE 354
- EE 450
- EE 445
- EE 454
- EE 457
- EE 460
- EE 459

**Advanced Electives (Take 2)**
- EE 460
- EE 457

**Capstone Requirement (Take 1)**
- EE 459

### Circuits, Signals, & Systems

**EE 322**
- EE 241
- EE 467
- EE 477
- EE 462
- EE 481
- EE 483
- EE 423
- EE 484
- EE 434

### Electrical Sciences

**EE 348**
- EE 337
- EE 338
- EE 470
- EE 471
- EE 443
- EE 475
- EE 438
- EE 473
- EE 480
- EE 474
- EE 422

### BSEE Careers

- Software Engineering
- Digital Hardware Design
- Embedded Systems
- VLSI Design
- Media & Audio Systems
- Wireless Communications
- Adaptive Control
- Mixed-Signal Integrated Circuits
- Communications Hardware
- Integrated-Circuit Technology
- Energy Sources & Management

### EE Graduate Study

- Computer Networks
- Computing Architectures
- Quantum Computing
- Information Theory & Coding
- Optical & Space Communications
- Imaging Systems
- Speech and Language Processing
- Medical Devices
- Nanotechnology Materials & Devices
- Photonic Systems