The following list summarizes our expected course offerings for upcoming semesters, but should be used as a guide only. Future course offerings are subject to change, depending on enrollment, availability of faculty, departmental resources, degree plan changes, and other constraints.

<table>
<thead>
<tr>
<th>COURSE ID</th>
<th>COURSE NAME</th>
<th>FALL 2018</th>
<th>SPRING 2019</th>
<th>FALL 2019</th>
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<tbody>
<tr>
<td>ENGI 1100</td>
<td>Introduction to Engineering Electronics Laboratory</td>
<td>X</td>
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<tr>
<td>ECE 4336</td>
<td>Digital Logic Design</td>
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<td>ECE 4337</td>
<td>Signals and Systems Analysis</td>
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<tr>
<td>ECE 4339/4119</td>
<td>Physical Principles of Solid State Devices + LAB</td>
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<tr>
<td>ECE 4363/4113</td>
<td>Electromechanical Energy Conversion</td>
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<td>ECE 4371/4117</td>
<td>Introduction to Telecommunications Engineering + LAB</td>
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<td>ECE 4375/4115</td>
<td>Automatic Control Systems + LAB</td>
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<td>ECE 4437</td>
<td>Embedded Microcomputer Systems</td>
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<tr>
<td>ECE 5319/5119</td>
<td>Introduction to Nanotechnology + LAB</td>
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<td>ECE 5320/5120</td>
<td>Introduction to Nanomaterials Engineering + LAB</td>
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| ECE 5321/5121        | Design and Fabrication of Nanoscale Devices + LAB         | X   | X  
| ECE 5330             | Introduction to Robotics                                  | X   | X  
| ECE 5335/5115        | State-Space Control Systems + LAB                         | X   | X  
| ECE 5340             | Introduction to Well-Logging Techniques                   |     |    
| ECE 5346             | Very Large Scale Integrated Circuit Design               | X   | X  
| ECE 5354             | Digital Video                                            | X   | X  
| ECE 5356             | CMOS Analog Integrated Circuits                           | X   | X  
| ECE 5357             | Introduction to Cybersecurity                             |     | X  
| ECE 5358             | Modern Optics and Photonics                               | X   | X  
| ECE 5367             | Introduction to Computer Architecture and Design         | X   |    
| ECE 5377             | Power Transmission and Distribution + LAB                 | X   |    
| ECE 5380/5180        | Power Electronics And Electric Drives + LAB               | X   | X  
| ECE 5385             | Smart Grid Technology                                     |     |    
| ECE 5388             | Renewable Energy Technology                               |     |    
| ECE 5397             | Introduction to Machine Learning                          |     | X  
| ECE 5397             | Robotics and ROS                                          |     | X  
| ECE 5436             | Advanced Microprocessor Systems                           | X   | X  
| ECE 5440             | Advanced Digital Design                                   | X   | X  
| ECE 5451             | Principles of Internetworking                             |     | X  

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