## MINOR IN ELECTRICAL AND COMPUTER ENGINEERING

For students with little or no background:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>S.H.</th>
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<tbody>
<tr>
<td>ECEN 1521</td>
<td>Digital Circuits</td>
<td>4</td>
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<tr>
<td>&amp; 1521L</td>
<td>and Digital Circuits Laboratory</td>
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<tr>
<td>ECEN 2632</td>
<td>Basic Circuit Theory 1</td>
<td>3</td>
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<tr>
<td>ECEN 2611</td>
<td>Instrumentation and Computation Lab 1</td>
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<tr>
<td>ECEN 2633</td>
<td>Basic Circuit Theory 2</td>
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<tr>
<td>ECEN 2612</td>
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<td>ECEN 3733</td>
<td>Digital Circuit Design</td>
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<td>ECEN 3771</td>
<td>Digital and Analog Circuits 1</td>
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</tr>
<tr>
<td>ECEN 3711</td>
<td>Intermediate Laboratory 1</td>
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Total Semester Hours 19

For students with background in math or computer science:

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<tr>
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<tr>
<td>ECEN 1521L</td>
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<td>Instrumentation and Computation Lab 1</td>
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<tr>
<td>ECEN 3734</td>
<td>Computer Design</td>
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<tr>
<td>ECEN 3711</td>
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Total Semester Hours 19

For students with background in physics:

<table>
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<td>ECEN 1521 &amp; 1521L</td>
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<td>ECEN 3710</td>
<td>Signals and Systems</td>
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<td>ECEN 3772</td>
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<td>ECEN 4803 &amp; 4803L</td>
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Total Semester Hours 20