This worksheet is a guideline for this major. Please meet with a counselor to review your educational plan, transfer goals, and graduation requirements.

**Recommended Courses**

<table>
<thead>
<tr>
<th>Need</th>
<th>In Progress</th>
<th>Complete</th>
<th>UNITS</th>
<th>COURSE #</th>
<th>COURSE NAME</th>
<th>EQUIVALENT/SUBSTITUTE</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>MATH-12</td>
<td>Pre-Algebra</td>
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</tr>
<tr>
<td>3</td>
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<td></td>
<td></td>
<td>ENGL-95</td>
<td>Integrated Reading, Writing, &amp; Critical Thinking</td>
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</table>

**Major Requirements (Recommended Sequencing)**

**REQUIRED COURSES: FIRST SEMESTER**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>COURSE #</th>
<th>COURSE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ETEC-010</td>
<td>Direct Current Circuits</td>
</tr>
<tr>
<td>4</td>
<td>ETEC-012</td>
<td>Alternating Current Circuits</td>
</tr>
<tr>
<td>5</td>
<td>MATH-25</td>
<td>Elementary Algebra</td>
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</table>

**REQUIRED COURSES: SECOND SEMESTER**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>COURSE #</th>
<th>COURSE NAME</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>ETEC-020</td>
<td>Electric Motor Control</td>
</tr>
<tr>
<td>2</td>
<td>ETEC-022</td>
<td>Semiconductor Devices</td>
</tr>
<tr>
<td>2</td>
<td>ETEC-024</td>
<td>Digital Devices</td>
</tr>
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<td>4</td>
<td>PHYS-015</td>
<td>Introduction to Physics</td>
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**REQUIRED COURSES: THIRD SEMESTER**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>COURSE #</th>
<th>COURSE NAME</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>ETEC-030</td>
<td>Programmable Logic Controllers</td>
</tr>
<tr>
<td>3</td>
<td>ETEC-032</td>
<td>Instrumentation Process Measurement</td>
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<tr>
<td>1</td>
<td>ETEC-034</td>
<td>Instrumentation Calibration</td>
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**REQUIRED COURSES: FOURTH SEMESTER**

<table>
<thead>
<tr>
<th>UNITS</th>
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<tbody>
<tr>
<td>3</td>
<td>ETEC-040</td>
<td>National Electrical Code</td>
</tr>
<tr>
<td>1</td>
<td>ETEC-042</td>
<td>Wiring Methods and Code Application</td>
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<tr>
<td>3</td>
<td>ETEC-044</td>
<td>Power Distribution &amp; Transformers</td>
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<tr>
<td>3</td>
<td>ETEC-046</td>
<td>DC &amp; AC Motors &amp; Generators</td>
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42 Units in the Major

**General Education Requirements and Course Recommendations**

<table>
<thead>
<tr>
<th>Need</th>
<th>In Progress</th>
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<th>UNITS</th>
<th>AREA</th>
<th>REQUIRED</th>
<th>RECOMMENDED COURSE</th>
<th>EQUIVALENT/ALTERNATE</th>
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<tr>
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<td>A</td>
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<td>ASTRO 010, BIOSC 005, 007, 008, 010, ENGIN 010, PHYS 015, PHYSC 005</td>
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<td>ART 005, 006, 007, 008, 009, 016, 017, 018, 019, 035, DRAMA 015, 016, 025, 070, 072, ENGL 124, 127, 128, 129, 133, 150, 205, 230, 231, HUMAN 019, 020, 021, 022, 024, 030, 035, JOURN 100, 110, MUSIC 010, 012, 015, PHIL 002, 033, 040, 042, SPCH-110, 130</td>
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<td>MATH 026, 029, 030 or higher</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>E</td>
<td>1</td>
<td>ADJUS 160, CHDEV 050, DRAMA 015, 030, 072, ENGL 110, 127, 128, 129, 133, 135, 136, HIST 046, 047, 052, 055, 061, SOCSSC 045, 110, 135, SPCH 150</td>
<td></td>
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</tbody>
</table>

18-22 Units of General Education

0 units of elective courses needed to meet the 60 transferrable unit requirement