Bachelor of Science in Engineering Technology

Engineering Technology with a Major in Electrical Engineering Technology (BSET)

Degree Program Guide*

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course prerequisites are strictly enforced. Critical EET course sequences within the Electrical Engineering Technology curricula require a minimum grade of C before progressing to subsequent courses. Refer to the individual EET course descriptions for information on specific C grade and other prerequisite requirements. A grade of C- does not satisfy the requirement for a C grade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>EET 120</td>
<td>Logic Circuits and Microprocessors</td>
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<td>EET 125</td>
<td>Logic and Microprocessor Laboratory</td>
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<tr>
<td>ENGN 110</td>
<td>Explore Engineering and Technology</td>
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<tr>
<td>MATH 162M</td>
<td>Precalculus I (C or better required)</td>
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<td>EET 110</td>
<td>Electrical Circuits I (C or better required)</td>
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<td>ENGT 111</td>
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<td>PHYS 111N</td>
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<td>EET 205</td>
<td>Circuits Laboratory</td>
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<td>EET 261</td>
<td>Introduction to Microprocessors and Microcontrollers</td>
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<td>EET 300</td>
<td>Advanced Circuit Analysis</td>
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<td>EET 310</td>
<td>Digital Electronics</td>
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<td>EET 315</td>
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<td>ENGT 305</td>
<td>Advanced Technical Analysis</td>
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<td>ENMA 480</td>
<td>Ethics and Philosophy in Engineering Applications *</td>
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<td>EET 312</td>
<td>Principles of Communication Systems</td>
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<td>Linear Electronics</td>
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<td>EET 373</td>
<td>Instrumentation</td>
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<td>ENGT 435W</td>
<td>Senior Design Project (C or better required)</td>
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<td>Energy and The Environment</td>
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**Approved EET Electives**

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<td>EET 405</td>
<td>Data Communications and Computer Networks</td>
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<td>EET 412</td>
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<td>EET 430</td>
<td>Advanced Motion Control Systems</td>
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<td>EET 470</td>
<td>Microcontrollers/Embedded-Based Designs</td>
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<td>EET 483</td>
<td>Introduction to Smart Grids</td>
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<td>EET 485</td>
<td>Electrical Power Systems</td>
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* Does not include the University's General Education language and culture requirement. Additional hours may be required.

** Meets the philosophy and ethics general education requirement.