BS in Engineering Technology

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

*See the University Core requirements section of this catalog for approved list of course options.

** See Arts and Sciences Core requirements section of this catalog for approved list of course options.

BS in Engineering Technology
Concentration in Manufacturing Engineering Technology

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>FALL</td>
<td>HOURS</td>
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<tr>
<td>CHEM 1410, General Chemistry</td>
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<tr>
<td>CHEM 1430, General Chemistry Laboratory</td>
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<tr>
<td>ENGL 1310, College Writing I*</td>
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<tr>
<td>ENGR 1280, Engineering Graphics</td>
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<tr>
<td>MATH 1650, Pre-Calculus*</td>
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<th>SOPHOMORE YEAR</th>
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<tr>
<td>FALL</td>
<td>HOURS</td>
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<tr>
<td>CSCI 1110, Introduction to Computer Science</td>
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<td>MEET 2940, Fluid Power Applications</td>
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<tr>
<td>ENGR 2220, Statics</td>
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<td>MFET 2450, Engineering Materials</td>
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<tr>
<td>GNET 2060, Professional Presentations</td>
<td>3</td>
<td>PHYS 2220, Electricity and Magnetism</td>
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<td>PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics</td>
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<tr>
<td>MFET 2110, Machining Principles and Processes</td>
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<td>Humanities*</td>
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<td>Wellness*</td>
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<th>JUNIOR YEAR</th>
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<tr>
<td>FALL</td>
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<tr>
<td>ENGR 3260, Mechanics of Materials</td>
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<td>ELET 3970, Electronic Devices and Controls</td>
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<td>ENGR 3960, Electrical Circuit Analysis</td>
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<td>GNET 1030, Technological Systems</td>
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<tr>
<td>HIST 2610, United States History to 1865*</td>
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<td>HIST 2620, United States History Since 1865*</td>
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<td>MEET 3660, Thermal Sciences Applications</td>
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<td>MEET 3650, Design of Mechanical Components</td>
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<td>MSCI 2710, Statistical Analysis I</td>
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<td>MFET 4190, Quality Assurance</td>
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<tr>
<td>MFET 3520, Soldering, Brazing and Adhesive Bonding</td>
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<td>MFET 3250, Plastics Materials and Processes</td>
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<td>MFET 4200, Engineering Cost Analysis</td>
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<td>MFET 4250, Senior Manufacturing Design</td>
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<td>MFET 4230, CNC Programs and Operation</td>
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<td>PSCI 1050, American Government*</td>
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<td>MGMT 3830, Operations Management</td>
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<td>Cross-cultural, Diversity and Global Studies*</td>
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<tr>
<td>PSCI 1040, American Government*</td>
<td>3</td>
<td>Technical Option (advanced)</td>
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*Actual degree plans may vary depending on availability of courses in a given semester.
*Some courses may require prerequisites not listed.*