APPLIED ENGINEERING & TECHNOLOGY, A.T. - COMPUTER AIDED DRAFT/DESIGN

The associate-degree program prepares technicians with the liberal arts, technological literacy and technical preparation for either direct employment or the seamless continuation in a bachelor's-degree program in applied engineering and technology management (AETM) or occupational safety and environmental health (OSEH). Technical concentrations in the associate of technology program include advanced manufacturing, computer-aided drafting and design (CADD), construction, control systems, graphic communications, nanofabrication and occupational safety.

Major in Appl Eng Tech-AT

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>AENG 130</td>
<td>Production Materials &amp; Processes</td>
<td>3</td>
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<tr>
<td>AENG 241</td>
<td>Drafting Communications</td>
<td>3</td>
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<tr>
<td>AENG 342</td>
<td>Computer-Aided Engineering Drawing</td>
<td>3</td>
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<td>AENG 344</td>
<td>Product Design</td>
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<td>AENG 346</td>
<td>Architectural Drawing</td>
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<tr>
<td>OSEH 120</td>
<td>Fundamentals of Safety, Health, Environmental Issues</td>
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<td>Directed Electives - Choose 4 of the following:</td>
<td>12-21</td>
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<tr>
<td>AENG 110</td>
<td>Communication and Information Systems</td>
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<tr>
<td>AENG 120</td>
<td>Energy Systems</td>
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<tr>
<td>AENG 243</td>
<td>Technical Sketching, Design &amp; Rendering</td>
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<td>AENG 300</td>
<td>Co-Op Ed Experience in AENG</td>
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<td>AENG 345</td>
<td>Statics/Strength of Materials</td>
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<td>AENG 347</td>
<td>Engineering Visualization</td>
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<td>AENG 446</td>
<td>Advanced Applications in Drafting and Design</td>
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<tr>
<td>AENG 448</td>
<td>Machine Tool Design</td>
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<td><strong>Total Hours</strong></td>
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<td><strong>30-39</strong></td>
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