A.A.S. in Mechatronics Technology

Department Chair: Mr. Fred Rascoe
Motlow McMinnville, MC 164
931-668-7010, ext. 2123
frascoe@mssc.edu

Career Opportunities
The AAS in Mechatronics Technology prepares students for careers in manufacturing and engineering. The student is prepared to work in many various fields such as automotive, power production, food processing, appliance manufacturing, aviation manufacturing, electronics manufacturing, robotics, and many, many more. Typical positions are

- Industrial maintenance technician
- Engineering technician
- Manufacturing technology technician
- Product design technician

<table>
<thead>
<tr>
<th>AAS in Mechatronics</th>
<th>Semester One</th>
<th>Semester Two</th>
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<tbody>
<tr>
<td><strong>Semester One</strong></td>
<td><strong>Semester Two</strong></td>
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<tr>
<td>MECH 1100 – Electrical Components</td>
<td>3</td>
<td>MECH 1300 – (Electro) Pneumatic and Hydraulic Control Circuits</td>
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<tr>
<td>MECH 1200 – Mechanical Components and Electrical Drives</td>
<td>4</td>
<td>MECH 1500 – Digital Fundamentals and Programmable Logic Controllers</td>
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<tr>
<td>ENGL 1010—English Composition I</td>
<td>4</td>
<td>PHYS 2010 – Non-Calculus Based Physics I</td>
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<tr>
<td>MATH 1710 – College Algebra/Pre-Calculus I</td>
<td>3</td>
<td>SPCH 1010 – Fundamentals of Speech</td>
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<td>Humanities/Fine Arts</td>
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<tr>
<th><strong>Semester Three</strong></th>
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<tr>
<td>MECH 2100 – Process Control Technologies</td>
<td>4</td>
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<tr>
<td>MECH 2200 – Introduction to Totally Integrated Automation</td>
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<td>MECH 2300 – Automation Systems</td>
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<td>CISP 1010 – Computer Science I</td>
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Grand Total | 63 |