CONTROL SYSTEMS TECHNOLOGY MINOR

*Regulations Governing Minor Course Work*

- a. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
- b. Only one course which counts toward your major may be counted toward your minor.
- c. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
- d. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
- e. No course needed for the minor may be taken Pass-Fail.
- f. One-half or more of the work required for the minor must be completed at Millersville University.
- g. No student may minor in his or her major.

**Minor in Control Systems Technology**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AENG 261</td>
<td>Electronic Systems</td>
<td>3</td>
</tr>
<tr>
<td>AENG 262</td>
<td>Semiconductor Electronics</td>
<td>3</td>
</tr>
<tr>
<td>AENG 325</td>
<td>Power Conversion and Control</td>
<td>3</td>
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</tbody>
</table>

**Control Systems Technology Electives - Choose 3 of the following:**

- AENG 130 Production Materials & Processes
- AENG 241 Drafting Communications
- AENG 326 Fluid Power
- AENG 342 Computer-Aided Engineering Drawing
- AENG 364 Digital Electronics
- AENG 425 Industrial Robotic Systems
- AENG 427 Programmable Logic Controllers
- AENG 466
- AENG 467 Mobile Robotics
- ITEC 468

**Total Hours** 9