ELECTRONICS TECHNOLOGY
A.A.S.

Steve Shen, Program Director

Students in the Electronics Technology program learn to troubleshoot, calibrate, test, and repair electronic components and circuit boards used in a wide range of electronic equipment including computers and communication equipment. Training includes working knowledge of direct and alternating current theory, semiconductor circuits, instrumentation, automatic controls, data communications, computerized communication links, and operational amplifiers. Students become familiar with robotics, electronic communications theory, and modes of RF communications.

Students are awarded the Associate of Applied Science degree upon successful completion of the program.

Associate of Applied Science - Electronics Technology
Missoula College

Degree Specific Credits: 62
Required Cumulative GPA: 2.0
Catalog Year: 2017-2018

Summary

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electronics Technology core courses</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>62</td>
</tr>
</tbody>
</table>

Electronics Technology core courses

Rule: All courses are required

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 105</td>
<td>Computer Fluency</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 113</td>
<td>Programming with C++ I</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 110</td>
<td>Programming - VB I</td>
<td></td>
</tr>
<tr>
<td>ETEC 105</td>
<td>DC Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 106</td>
<td>AC Circuit Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ETEC 113</td>
<td>Circuits Lab</td>
<td>1</td>
</tr>
<tr>
<td>ETEC 245</td>
<td>Digital Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 250</td>
<td>Solid State Electronics I</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 251</td>
<td>Solid State Electronics II</td>
<td>3</td>
</tr>
<tr>
<td>ETEC 260</td>
<td>Data and Network Communication</td>
<td>3</td>
</tr>
<tr>
<td>ETEC 265</td>
<td>Control Systems</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 270</td>
<td>Wireless Communications</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 275</td>
<td>Microprocessors and Microcontrollers</td>
<td>4</td>
</tr>
<tr>
<td>ETEC 299</td>
<td>Electronics Capstone</td>
<td>3</td>
</tr>
<tr>
<td>M 121</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>M 122</td>
<td>College Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>M 162</td>
<td>Applied Calculus</td>
<td>4</td>
</tr>
</tbody>
</table>

| PSYX 100S | Intro to Psychology             | 3     |
| SCN 175N   | Integrated Physical Science I   | 3     |
| WRIT 101   | College Writing I               |       |
| or WRIT 121 | Intro to Technical Writing     |       |

Total Hours: 62
Minimum Required Grade: C-