

# 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: 2018-2019

## Summary

Code	Title	Hours
	Electronics Technology Core Courses	62
	Total Hours	62

## Electronics Technology Core Courses

Code	Title	Hours
<b>Complete all of the following courses:</b>		
CSCI 105	Computer Fluency	3
CSCI 113	Programming with C++ I	3
or CSCI 110	Programming - VB I	
ETEC 105	DC Circuit Analysis	4
ETEC 106	AC Circuit Analysis	3
ETEC 113	Circuits Lab	1
ETEC 245	Digital Electronics	4
ETEC 250	Solid State Electronics I	4
ETEC 251	Solid State Electronics II	3
ETEC 260	Data and Network Communication	3
ETEC 265	Control Systems	4
ETEC 270	Wireless Communications	4
ETEC 275	Microprocessors and Microcontrollers	4
ETEC 299	Electronics Capstone	3
M 121	College Algebra	3
M 122	College Trigonometry	3

M 162	Applied Calculus	4
PSYX 100S	Intro to Psychology	3
SCN 175N	Integrated Physical Science I	3
WRIT 101	College Writing I	3
or WRIT 121	Intro to Technical Writing	
Total Hours		62

Minimum Required Grade: C-