

# ENERGY TECHNOLOGY C.A.S.

The Energy Technology program offers a 30-credit certificate preparing students for entry-level positions in the energy technology field. Required coursework includes mathematics; writing; energy technologies and systems; and energy storage and distribution. Coursework for the certificate program also leads to the A.A.S. degree in Energy Technology.

## Certificate of Applied Science - Energy Technology

### Missoula College

Degree Specific Credits: 35

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

## Summary

Code	Title	Hours
	Energy Technology Core Requirements	32
	Energy Electives	3
	Total Hours	35

## Energy Technology Core Requirements

**Note:** Substitutions may be approved at the discretion of the program director based on future career and educational goals

Code	Title	Hours
<b>Complete all of the following courses:</b>		
BGEN 105S or BGEN 160S	Introduction to Business Issues in Sustainability	3
CSCI 172	Intro to Computer Modeling	3
ETEC 105	DC Circuit Analysis	4
ETEC 106	AC Circuit Analysis	3
ETEC 113	Circuits Lab	1
ETEC 213 or ETEC 214	Power Systems Technology Energy Storage and Dist.	3
M 121	College Algebra	3
NRGY 101N	Intro to Sustainable Energy	3
NRGY 195	Practicum	2
NRGY 235	Building Energy Efficiency	4
WRIT 101 or WRIT 121	College Writing I Intro to Technical Writing	3
	Total Hours	32

Minimum Required Grade: C-

## Energy Electives

Code	Title	Hours
<b>Complete 3 credits from the following courses:</b>		
NRGY 241	Alternative Fuels	3
NRGY 242	Solar Thermal & Wind Systems	
NRGY 243	Fundmtl PV Design & Install	
NRGY 244	Bioenergy	
NRGY 245	Fuel Cells	
NRGY 246	Geothermal Energy Technology	
NRGY 250	Energy Finance	
NRGY 270	Recycling Technology	
NRGY 290	Undergraduate Research	
NRGY 291	Special Topics	
NRGY 292	Independent Study	
NRGY 299	Energy Technology Capstone	
	Total Hours	3

Minimum Required Grade: C-