ENERGY TECHNOLOGY A.A.S.

Students in the Energy Technology program are introduced to the full suite of energy sources and technologies. Graduates will be general practitioners that are equipped with skills in design, installation, and maintenance of diverse energy technologies and systems; sales, operations, and management; regulatory compliance; basic electricity and power systems; energy storage and distribution; site assessment; basic energy economics; efficiency and conservation strategies; and project management. Students may enter the program in either autumn or spring term. Further information can be found on the Sustainable Energy Technology website (http://mc.umt.edu/acet/Academic_Programs/NRGY/default.php).

Associate of Applied Science - Energy Technology

Missoula College

Degree Specific Credits: 61

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

Summary

Code	Title	Hours
Energy Technology Core Requirements		43
Energy Technology Science Requirements		3
Energy Electives		15
Total Hours		61

Energy Technology Core Requirements

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

Code	Title	Hours
Complete all of the following courses:		
BGEN 105S	Introduction to Business	3
or BGEN 160S	Issues in Sustainability	
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	Power Systems Technology	3
or ETEC 214	Energy Storage and Dist.	
ITS 221	Project Management	3
M 121	College Algebra	3
M 122	College Trigonometry	3
NRGY 101N	Intro to Sustainable Energy	3
NRGY 102	Intro to Sustainable Energy II	3
NRGY 195	Practicum	2
NRGY 235	Building Energy Efficiency	4
NRGY 298	Internship	2
WRIT 101	College Writing I	3
or WRIT 121	Intro to Technical Writing	
Total Hours		43

Minimum Required Grade: C-

Energy Technology Science Requirements

Note: Substitutions are approved at the discretion of the program director based on future career and educational goals.

Code	Title	Hours
Complete one of the following courses:		3
SCN 175N	Integrated Physical Science I	
SCN 176N	Integrated Phys. Science II	
or ENSC 105N	Environmental Science	
Total Hours		3

Minimum Required Grade: C-

Energy Electives

Note: 3 credits of a general elective may be substituted in place of 3 credits of energy electives. This substitution must be approved by the program director.

Code	Title	Hours
Complete 15 credits from the following courses:		15
NRGY 241	Alternative Fuels	
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		15

Minimum Required Grade: C-