

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: 2017-2018

Summary

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

Energy Technology Core Requirements

Rule: All courses are required

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

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.

Select one of the following: 3

SCN 175N Integrated Physical Science I

SCN 176N Integrated Phys. Science II

or ENSC 105 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.

Select 15 credits from the following: 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-