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 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 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

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 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.

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-