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

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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
- CSCI 172: Intro to Computer Modeling
- ETEC 105: DC Circuit Analysis
- ETEC 106: AC Circuit Analysis
- ETEC 113: Circuits Lab
- ETEC 213: Power Systems Technology
  or ETEC 214: Energy Storage and Dist.
- ITS 221: Project Management
- M 121: College Algebra
- M 122: College Trigonometry
- NRGY 101N: Intro to Sustainable Energy
- NRGY 102: Intro to Sustainable Energy II
- NRGY 195: Practicum
- NRGY 235: Building Energy Efficiency
- NRGY 298: Internship
- WRIT 101: College Writing I

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:

- SCN 175N: Integrated Physical Science I
  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:

- 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-