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# NRGY 290.01: Energy Technology - Undergraduate Research

Bradley E. Layton

*University of Montana - Missoula*, [bradley.layton@umontana.edu](mailto:bradley.layton@umontana.edu)

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**Energy Technology Undergraduate Research**

**Course Number:** NRGY 290  
**Credits:** variable  
**Meeting times:** TBD  
**Instructor:** Bradley Layton  
406-243-7865  
[bradley.layton@umontana.edu](mailto:bradley.layton@umontana.edu)

**Office Hours:** TR 9:30-11:00 by appt.

**Pre-/Co-requisites:** Instructor consent

**Course Description** Students complete a research project in an emerging energy technology related field.

**Course Objectives** Upon completion of this course, the student will:

- Perform a literature search
- Design, build and test an energy-technology related device or mathematical model
- Present their device or model to the instructor
- Provide sufficient documentation on the design, build, and testing to enable repeatability

**Assessment**

- Grading is based upon fulfillment of the design criteria

**Grading**

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
< 60	F

**Accommodations for Disabilities**

- Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely manner. Please be prepared to provide the instructor with a letter from the DSS Coordinator and a description of the requested accommodation after class or by appointment with the instructor.

**Other Important Notes**

- The grade Incomplete "I" will be assigned to students that have not completed the field experience requirements by the end of the semester. It is the responsibility of the student to coordinate completion of the field experience with both the instructor and an internship supervisor. Students have one year to complete the field experience before the "I" grade option reverts to an "F" grade.

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