

Field(s) of Study:**Class(es):****Level(s):****Degree(s):****School(s):****Catalog Description:** Laboratory portion of two-semester basic physics course.**Justification:** Lecture co-requisite was incorrectly given as recommended; should have been required.**Does this course cover material which crosses into another department?** No**Learning Outcomes:****Attach Syllabus****Additional Attachments****Specialized Course Categories:** Mason Core**Select the Mason Core Requirement the course is proposing to fulfill:****Foundation Courses:****Exploration Courses:** Natural Sciences w/Lab**Integration Courses:**

Natural Sciences with Lab

Course must meet the following learning outcomes:

1. Understand how scientific inquiry is based on investigation of evidence from the natural world, and that scientific knowledge and understanding: a) evolves based on new evidence, and b) differs from personal and cultural beliefs
2. Recognize the scope and limits of science.
3. Recognize and articulate the relationship between the natural sciences and society and the application of science to societal challenges (e.g., health, conservation, sustainability, energy, natural disasters, etc.).
4. Evaluate scientific information (e.g., distinguish primary and secondary sources, assess credibility and validity of information).
5. Participate in scientific inquiry and communicate the elements of the process, including: a) making careful and systematic observations, b) developing and testing a hypothesis, c) analyzing evidence, and d) Interpreting results.

I affirm that I have attached the following using the syllabus and attachment buttons provided above: (see "?" for help with submission)**Additional Comments:** [N3 Updates](#)**Reviewer Comments**

Key: 12502