

GE CRITERIA APPROVAL FORM

Course Number and Title: PHYS 101/L Introduction to Physics II

Faculty Member(s) Proposing Course: Geoff Dougherty

Indicate which of the following categories would be satisfied by this course by marking an "X" on the appropriate lines.

Courses may be placed in up to two GE categories as appropriate. Upper Division Interdisciplinary GE courses may be placed in two categories plus the UDIGE category.

	A1: Oral Communication
	A2: English Writing
	A3: Critical Thinking
X	B1: Physical Sciences
	B2: Life Sciences
	B3: Mathematics
	B4: Computers and Technology
	C1: Fine Arts
	C2: Literature
	C3: Languages & Cultures
	D: Social Perspectives
	E: Human Psychological & Physiological Perspectives
	Upper Division Interdisciplinary GE

Lab Included? Yes X No _____

Please provide a brief explanation of how the proposed course meets each of the criteria for the selected General Education categories.

This course is **GE** because of its breadth and applicability to a number of disciplines and interests: students taking it will acquire the skills, experience and knowledge "appropriate to educated people within our society". It requires a mathematical background in high-school algebra and trig only, and does not use calculus. It is likely to appeal to those with a curiosity for exploring physics, but who do not yet have skills in calculus.

It satisfies the **B1** criteria on content by

- presenting the principles and concepts of many areas within physics.

Reasoning skills are addressed by

- solving a variety of problems with real-world applications
- simulating a variety of physical situations
- performing experiments, and acquiring and analyzing the data.

The course promotes

- an understanding of scientific methodologies
- the application of basic concepts to diverse scientific problems
- an awareness of the significance of science and technology to world civilization