

GE CRITERIA APPROVAL FORM

Course Number and Title: PHYS 201/L General 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 some mathematical background and an acquaintance with calculus.

It is not a new course: it appears in the 02/03 Catalog. It is a requirement for Biology majors, and is likely to be taken by many Math and Computer Science majors.

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 and modeling a variety of physical situations
- performing experiments, acquiring and analyzing the data and considering its accuracy and precision.

The course promotes

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