

PHYS 2511-003 – GENERAL PHYSICS LAB I-Fall, 2008

Professor	Fa-chung Wang (Fred)	Office Hours	MWF: 11 to 11:50 AM; MTR: 2 – 4 PM; F: 1 – 2 PM
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Phone	936-261-3131	Classroom	New Sci. Bldg. Room 307

CATALOG DESCRIPTION:

Credit 1.5 semester hours. A hands-on based introduction to general physics with topics to include systems of measurement, motion, vector addition, statics, dynamics, mechanical energy and selected topics.

COREQUISITE: PHYS. 2513.

COURSE GOAL:

To verify some fundamental concepts, using simple experiments, in the fields mentioned above applicable to engineers & scientists.

COURSE OUTCOMES:

Upon completion of this course, students should be able to demonstrate:

- facility with setting-up equipments to test the concepts in the fields mentioned above;
- facility with Proper Lab-Procedures, including Lab-Safety.

COURSE POLICIES:

This is a hands-on course. Students should actively participate in the activities: review fundamental concepts, setting-up equipments, conducting experiment in a safe & professional manner. Students are to work in small groups but hand-in individual lab report at the end of each lab period.

Students should also be currently enrolled in Phys 2513, the theory part of Physics I.

WORK AND GRADING:

There will be regular quizzes, examinations and a final. All examinations are closed book unless stated otherwise. The use of calculators is encouraged. Makeup examinations will be given ONLY for a university-approved absence verified in writing. The examinations & quizzes combined will contribute up to about 50% of your final grade, and the lab-works combined contribute to about another 50%.

ORAL AND WRITTEN COMMUNICATIONS

Oral or written communication will be given through exams, lab-reports, classroom and individual discussion.

ATTENDANCE POLICY:

Class will start and end at the prescribed times. Attendance at every class is expected and is each student's responsibility. Absence or tardiness may result in lowered grades. Excessive absenteeism, whether EXCUSED or UNEXCUSED, may result in a student's course grade being reduced or assignment of a grade of "F". Absences are accumulated beginning with the first day of class. The University Undergraduate Catalog (2002 – 2003, p.41) provides more detailed information.

Grading/Class Related APPEALS: Refer to the University Undergraduate Catalog, (2002 –2003, p. 39)