

**PHYS 2521-001 – GENERAL PHYSICS LAB II**  
Spring Semester 2007

<b>Professor</b>	<b>Fa-chung Wang (Fred)</b>	<b>Office Hours</b>	<b>MWF: 11 AM to 1 PM TR: 2 to 4 PM;</b>
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<b>Phone</b>	<b>936-261-3131</b>	<b>Classroom</b>	<b>New Sci. Bldg. Room 301</b>

**CATALOG DESCRIPTION:**

Credit 1.5 semester hours. A hands-on based introduction to general physics with topics to include electricity, magnetism and selected topics from heat, periodic motion, waves and optics.

**PREREQUISITE:** Phys 2511 & 2513.

**COURSE GOAL:** To verify some fundamental concepts, using simple experiments, in the fields of electromagnetism & others, 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 group but hand-in individual lab report at the end of each lab period.

Students should also be currently enrolled in Phys 2523, the theory part of Physics II.

**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 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)

