

Course Outline Phys 272

Course: Phys 272

Instructor: Dr Alakabha Datta

Office: Watanabe 437

Meeting: MWF, 8.30 am-9.20 am, Watanabe 112

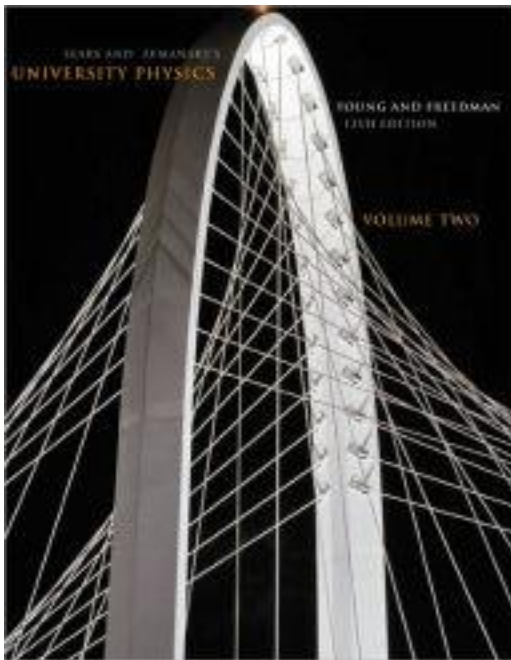
Office Hours: Tues and Thursdays 10am-10.50 am or by appointment.

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Phone: (662) 715-9610

Course Information: check: <https://laulima.hawaii.edu>

Book: University Physics, Young and Friedman 13th Edition



Course Goals: Learning the basic laws of physics concerning electromagnetic phenomena. The topics will include electrostatics, magnetism, motion of particles in electromagnetic fields, electromagnetic induction, electromagnetic waves, optics and modern physics. You will also learn to analyze problems logically and systematically.

Marking:

Homework: 30 %

Homework: I will assign weekly homework that has to be turned in one week. No late homework will be accepted after the due date. Please write your name in block letters and include the problem set number with your homework. You can get help to do your homework but turn in your own work. Do not copy some from someone.

We might use Mastering Physics for practice or online homework. The access code is MPDATTA86112

Tests: 45%

There will be 3 tests each worth 15% and will roughly given at intervals of a month. Each test will cover one class period (50 mins). The dates will be announced later but you will be notified in advance of the test date and the topics included in the test. One of the tests will be given and graded before the last day to drop the course.

Final Exam: 25%

The final exam will be cumulative and based on all chapters covered in the course.

Final: Dec 16, Friday: 7.30 am to 9.30 am

An overall course average of the following percentages will guarantee the corresponding letter grade:

90% A

80% B

70% C

60%

D

The grading policy will may change and will be finalized after the first test.

Attendance: There is no attendance requirement. However if you miss an exam or cannot turn in HW on time because of illness I will require a doctor' note. If you will away on other reasons inform me prior to your absence and get a note if applicable.

Quiz: At the end of some classes I will give a quiz. Typically you will have 10-15 minutes to complete the quiz. The quiz will not be graded but may be used for extra credit and serve as a feedback of how you are doing in class.
