

## PHYSICS 6B COURSE INFORMATION

### WINTER 2011

#### Physics 6B Website

[http://scipp.ucsc.edu/~schumm/ph6/Physics\\_6B.html](http://scipp.ucsc.edu/~schumm/ph6/Physics_6B.html)

#### Lectures and Clickers

The lectures will be MWF 2:00-3:10 in Thimann 3. Ten percent of your grade will be based on your 'clicker' responses to active learning questions posed in class, although three-quarter-credit will be given for incorrect responses. Also, swapping sections (going to Professor Dewey's lectures) is not permitted.

YOU MUST REGISTER YOUR CLICKER AT [www.iclicker.com](http://www.iclicker.com), USING YOUR OFFICIAL STUDENT ID (you will use the same one when you register for Master Physics).

#### Laboratory

For those taking the lab, 6M will begin the week of January 17.

**With the exception of extraordinary circumstances, attendance at all lab sessions is mandatory in order to pass 6M.** You must attend the lab session for which you are registered. Exception will only be made under extenuating circumstances, and with the advanced consent of the TA whose session you will be attending instead of your regular session. If consent is granted, you must also notify your regular TA of the switch. We have found that, without these strict guidelines, popular times become overcrowded, which is unfair to those who have legitimately registered for those slots.

#### Texts

Wolfson, *Essential University Physics*. If you are taking the lab, you will also need a copy of the 6M lab manual, and a lab notebook.

#### Homework

Homework will be online, through the Mastering Physics program (identifier MPSCHUMM89194; see 'Getting Started on Mastering Physics' on the 6B website for some instructions). PLEASE REGISTER WITH YOUR OFFICIAL STUDENT ID. There will be 10 homework sets altogether. The first eight assignments will be due on Fridays by the start of class (2:00pm); the last two will be due the following Monday. Homework loses 50% of its credit over 48 hours; you don't lose much by going to class if your homework isn't done.

You are encouraged to work in groups on the homework, but please make sure everyone in the study group understands the solution to each problem. Doing and understanding the homework is one of the best ways to prepare for the exams.

#### Composition of Final Grade

Homework: 10%. Class participation: 10%. Midterms: 22.5% each of two. Final: 35%. The lab (6M) is graded separately.

Mastering Physics ID: MPSCHUMM89194; course title 'Winter 2011 Physics 6B'