PHYSICS 9B-B Classical Physics, Fall 2006

Text: Sears and Zemansky's University Physics, Young & Freedman, 11th Edition, Vol. 1 & 2. You also need a PRS "clicker" to answer quizzes and questions in class. See the course website for more details.

Instructor: Hsin-Chia Cheng, 433 Phy/Geo, cheng@physics.ucdavis.edu

Lectures: Tue & Thu 12:10–1:30PM, 66 Roessler

Office Hours: Problem solving session: Mon: 5:10-6:00PM, 154 Roessler (tentative, starting Oct.9), Thu:1:30–2:30PM, 433 Phy/Geo

Prerequisites: Phy9A, Math21C, **Corequisites:** Math21D

Discussion Leader: Naomi Luce, luce@physics.ucdavis.edu
Discussion sections are held in Room 140 Phy/Geo. Her office hour will be posted on the course website.

Reader: TBA, will be posted on the course website.

Website:
http://my.ucdavis.edu for assignments, solutions, anouncements, scores, etc.
http://www.physics.ucdavis.edu/∼cheng/teaching/9B-f06 for course information
http://www.physics.ucdavis.edu/Classes/Physics9Lab/Phy9BLab/index.html for lab information
https://listproc.ucdavis.edu/class-secure/200610/phy009bb-f06 for archived messages to the class mailing list phy009bb-f06@ucdavis.edu

Course Requirements: You should be registered in a 9B discussion section and a lab section. You must go to the lab on the first day. If you wish to make any change to your lab, discussion section, or lecture section, you must obtain a PTA from the lab instructor. If you attempt to make any change to your schedule without a PTA, you will be automatically dropped from the course.

Failure to pass the lab results in an automatic grade of "F" for the entire course. "High pass" on lab raises your course grade by one step, up to A (e.g., A- to A, but not A to A+), and "low-pass" lowers it by one step, down to D- (e.g., D to D-, but not D- to F).

You should also actively participate in the discussion section. You will be asked to form groups to solve problems provided by the discussion leader. More information will be provided by the discussion leader. Grading of the discussion section is similar to that of the lab. A "high pass" raises your course grade by one step (but not to A+), and a "low

pass" lowers it by one step (but not to F). Also, your course grade will only be raised or lowered by one step if you get "high passes" or "low passes" for both the discussion and the lab sections. If you get a "high pass" for one and a "low pass" for the other, your grade will not be changed.

For each lecture, there will be a reading assignment which you should read BEFORE the lecture. At the beginning of each class, there will be a brief, closed book quiz on the reading, so it's important that you come to class on time. You need to use the PRS clicker to answer the quizzes. Two lowest scores of the reading quizzes will be dropped and the reading quizzes count 14% of your final grade.

There will be about 8 homework assignments. The problems and due dates will be posted on the course website. No late homework will be accepted. Typically only one or two problem(s) will be graded for each set, but some credits will be given for attempting all the problems. Homework solutions will be posted on the MyUCDavis website.

There are 2 Midterms and a final exams. There will be no make-up exams, so do not make travel plans on those dates. The exams are closed book. You are allowed to bring one $8.5'' \times 11''$ sheet of notes and a calculator without programing features. (A list of approved calculators will be posted on the course website.) Cell phones, PDAs, and laptop computers are not allowed. You also need to bring your own bluebooks for the exams.

Grading:

Reading quizzes	14%
Problem sets	20%
Midterm I	18%
Midterm II	18%
Final	30%

Schedule: Please check the course website for any update.

Other information

If you have not already done so please review the UC Davis Code of Academic Conduct at http://sja.ucdavis.edu/cac.html.

If you need to document a learning disability contact the Student Disability Center at http://sdc.ucdavis.edu/.