

1/25/06 first revision

Welcome to Physics 1A, "General Physics - Mechanics", for Winter Quarter 2006¹.

This course is taught by Professor David Kleinfeld. His office is 7202 Urey Hall, his laboratory is 7108 Urey Hall, and his e-mail is dk@physics.ucsd.edu.

Prof. Kleinfeld will be directly assisted by Mr. Benjamin Migliori, a graduate research fellow in his laboratory. Mr. Migliori's office is 7118 Urey Hall and his e-mail is migliori@ucsd.edu.

The Teaching Assistant for the course is Mr. Jonathan Whitmore and his e-mail is jwhitmore@physics.ucsd.edu. Mr. Whitmore will lead the problem session on Tuesday (8:00 PM to 10:00 PM in 2722 York Hall) and Thursday (6:00 PM to 9:00 PM in 107 Solis Hall) evenings.

The course coordinator, who handles all administrative issue, is Ms. Patti Hey. Her office is 118 Urey Hall Addition and her e-mail is plhey@physics.ucsd.edu.

The website for the course is http://physics.ucsd.edu/neurophysics/physics_1a.html.

The prerequisite for the course is ease with algebra, trigonometry, and elementary calculus, i.e., completion of Math 10A (20A) and concurrent enrollment in Math 10B (20A).

It is essential that you work the assigned problems for each week as a means to gain a thorough understanding of the material.

- Problems will be reviewed in the Tuesday and Thursday problem sessions.
- Solutions to the weekly problems will be posted on the course website every Wednesday evening.

In case that you feel additional help is necessary:

- Individual assistance is available through the Physics Department tutorial center, located at 2101 Mayer Hall and open Sunday to Thursday from 3:00 to 8:00 PM.
- Prof. Kleinfeld and Mr. Migliori are pleased to answer your questions from 1:00 to 3:00 PM on Tuesdays and 3:00 to 5:00 PM on Thursdays, in Urey 7118, and by appointment.

With regard to grading:

- Each of the 5 quizzes counts 12 % towards computing your numerical grade. Roughly half of the quiz is based directly on the homework problems.
- The final examination counts 40 % towards computing your numerical grade.

¹ Concurrent enrollment in the Physics 1A laboratory is required. Laboratory information can be found at <http://www-physics.ucsd.edu/students/courses/winter2006>.

- The completed ILD forms will not be used to compute your numerical grade, but will be used to evaluate students whose numerical grade places them at the border between letter grades, e.g., B+ and A-, that are derived from the numerical grade.
- There will be no make-up quizzes. If you miss a quiz for good reason you may make up those points on the final exam.
- You must purchase your own Scantron forms for quizzes (No. X101864-PAR) at the Bookstore or the general store co-op for \$0.15 each.
- You will need a No. 2 pencil to fill in a Scantron form.
- An ugly issue concerns cheating. The UC Policy on Integrity of Scholarship may be found in the course catalog or online. I will give no quarter to cheaters.

With regard to ILDs (Interactive Laboratory Demonstrations)

- Please download and print the forms, which are available on the course website.
- Bring the forms to class on the day of the ILD.
- You will need a pencil to work on the ILD forms.

I look forward to a wonderful quarter, filled with exciting and interactive demonstrations of physical principles.

A handwritten signature in black ink, appearing to read "David Campbell". The signature is fluid and cursive, with the first name "David" and the last name "Campbell" clearly distinguishable.