Welcome to Physics 1B, “General Physics – Electricity and Magnetism”, for Winter Quarter 2007¹.

This course is taught by Professor David Kleinfeld. His office is 7202 Urey Hall, his laboratory is 7108 Urey Hall, his office phone is 858-822-0342, and his e-mail is dk@physics.ucsd.edu.

Class meets on Mondays, Wednesdays, and Fridays from 1:00 to 1:50 PM in 2001 Warren Lecture Hall.

Prof. Kleinfeld will be directly assisted by Mr. Morgan Brown (mjbrown@ucsd.edu) and Ms. Laura Tucker (singingscientist@gmail.com).
- Mr. Brown will lead a problem session, scheduled from 6:00 to 9:00 PM on Sunday evenings in 1330 HSS.
- Ms. Tucker will lead a problem session, scheduled from 5:00 to 7:00 PM on Wednesday afternoons in 7130 Urey Hall (CTBP conference room).

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_1b.html.

The prerequisite for the course is satisfactory completion of Physics 1A and ease with algebra, trigonometry, and elementary calculus, i.e., completion of Math 10A (20A) and concurrent enrollment in Math 10B (20B).

It is essential that you work the problems assigned as homework each week as a means to gain a thorough understanding of the material.
- Problems will be reviewed during the Thursday and Sunday problem sessions.
- Solutions to the weekly problems will be posted on the course website by Friday mornings.

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. See http://tutorialcenter.ucsd.edu/ for updated information.
- Prof. Kleinfeld and Mr. Brown are pleased to answer your questions from 9:00 to 11:00 AM on Wednesdays and 2:00 to 4:00 PM on Fridays, in Urey 7202. If you cannot make these regular office hours, contact either Prof. Kleinfeld, Mr. Brown, or Ms. Tucker for a separate appointment.

¹ Concurrent enrollment in the Physics 1B laboratory is required. Laboratory information can be found at http://www-physics.ucsd.edu/students/courses/winter2007.
With regard to grading:

- Each of the 5 quizzes counts 10% towards computing your numerical grade. There are 5 to 10 multiple-choice questions per quiz. Roughly half of the quiz is based directly on the homework problems.
- The final examination counts 50% towards computing your 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.
- Final grades are “curved”, i.e., the decision to award letter grades is based on breaks in the distribution of total scores and not on a presumed numerical target.
- 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.
- A potential 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.

I look forward to a wonderful classroom experience, filled with exciting and interactive demonstrations of physical principles and comments on the relation of basic physics to biological function.

David [Signature]