

Physics 132
Winter Quarter 2012
Course Syllabus

Instructor: Dr. Bob (Echols), rechols@calpoly.edu, 756-2656, www.calpoly.edu/~rechols

Office Hours: M and F 10:10-11:30 a.m., R 12:10-1:00 and 3:10-4:00 p.m. in my office, 25-212

Schedule: MWF 12:10-1:00 p.m. in building 53, room 213

Textbook: Physics for Scientists and Engineers, 2nd ed., Randall D. Knight

Exams and Quizzes:

We will have four or five quizzes during the quarter, most likely given in lab. No makeup quizzes will be given, however, your worst quiz will not be included in your final grade. We will have two exams (dates to be announced but probably in the 4th and 8th week).

Homework:

The homework is a critical part of understanding the material covered in this course. Physics can only be learned by working many different types of problems. If you can't solve the problem the first time, have somebody show you how. At a later time, try working the problem again without looking at the solution. The quizzes and exam questions will be similar to the homework, consequently it will be essential to understand the homework. Homework is due as announced in class and will not be accepted after this date. In addition to the help I can provide during my office hours, the learning center in 38-131 will be staffed with somebody who can help you with the homework during the hours posted on the outside door. You have also been invited to join a study session which you can sign up for through the portal. Lastly, private tutors are available by inquiring at the physics department for a current list.

Lab:

Since physics is an experimental science, your participation in every laboratory experiment will greatly increase your understanding of the material covered in lecture. In fact, we require that you attend and submit a satisfactory report for every lab to pass the course.

Grading:

Your final grade will be based on your overall performance in the class with the following approximate percentages: two exams (20% each), homework (10%) and quizzes and lab (15/20%), and final exam (30/35%).