

PHYSICS 321

Spring 2009

Instructor: Michael Schick

Office: B415 Physics Hall

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Office Hours: (Tue. 2:45-3:45)

Text:

“Introduction to Electrodynamics” (third edition), D. J. Griffiths (Prentice Hall, 1999)

Homework:

One must learn by doing the thing; for though you think you know it, you have no certainty until you try. Sophocles

Homework will usually be assigned each Wednesday and will be due the following Wednesday. It is undoubtedly best if you can do the homework by yourself, as you then receive the full benefit of thinking it through. However if you want to discuss it with others in the class, by all means do so, but please, write up your own solutions. Homework is due in class by 9:20 a.m. Late homework will be accepted up to 10:30 a.m. in my office (slip it under the door if necessary) with a penalty of the loss of 8 points. Homework later than this will not be accepted.

Discussion sections:

There are two discussion sections which will be devoted to problem solving, lecture clarification, exam reviews, and whatever you think you need. They are at Tuesday 11:30, and Thursday 11:30. Both are in PAB 042.

You are each assigned to one of them.

Exams:

There will be two one-hour open-book exams. They will take place May 1 and May 22. **There will be no make-up exams.** The final exam is 8:30-10:20 a.m., Tuesday June 9, 2009. **It is your responsibility to ensure that you can take it that day. It will not be given at any other time for any other reason.** While I will often give problems which are similar to those of the problem sets, I will also give problems which I think are of interest and/or more challenging.

Grades:

The two exam scores and homework will count as three parts of the grade and the final as two parts. One of these parts will be dropped. (Therefore, if the final exam grade is the worst grade relatively, it will only count as 25% of the grade, whereas if one of the other scores is dropped, it will count as 50%.) If you miss an exam, that will count as the dropped score. Do not miss an exam for an emergency, or for some reason that you believe compelling. Do not miss an exam just because you think that you are not sufficiently prepared, because your lowest score is dropped. **NOTE: YOU MUST TAKE AT LEAST ONE OF THE TWO EXAMS AND THE FINAL TO PASS THE COURSE.**

TA:

Eric Deyo (ericdeyo@u.washington.edu)

I expect to cover at least the first four chapters of the text in Physics 321.

The entire book will be covered in the three-quarter sequence.