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Notes to the Student

ABOUT THE TEXT BOOK:

1.) This is the second volume of a two volume set. The material presented is electricity, magnetism, and a for-fun, off-the-wall chapter on relativity.

2.) Just as was the case at the end of the first volume, there are multiple choice tests at the end of this book designed to allow you to study for a year-end exam or A.P. test. The questions on those multiple choice tests are not strictly Advanced Placement-type questions. In fact, some of them have been included strictly for the sake of reminding you about the material you have covered during the semester. Read the instructions and suggestions for use when the time comes.

ABOUT THE CLASS:

1.) It is now second semester. From where I am sitting, nothing has changed. You may well think, "Ahh, the transcripts have been sent out to colleges and I don't have to worry about grades any more." Folks, I have never worried about your grades. My intention from the beginning has been to educate you in the ways of physics. That is exactly what I will continue to do . . . with a warning. The second semester material (electricity and magnetism) is interesting, it has great demonstrations, and due to its sometimes abstract nature, will be the most difficult material you will run into in this class. That is not to say you can't handle it. That is not to say I won't try to keep things light and fun. It is to say that this is material you cannot neglect. If you get lackadaisical and fall behind, you might as well kiss your fanny good-bye (no joke). And believe me, there is nothing that can ruin the second semester of your senior year faster than having this particular monkey on your back. In short, this stuff doesn't have to ruin your life, but it will if you don't keep awake and continue plugging.

2.) Assignment deadlines: Nothing has changed from the first semester.

3.) Cheating: Cheating is never acceptable. Cheating in the second semester of your senior year is not only unacceptable, it's STUPID. Your transcripts have been sent off to your colleges. The school has also assured those colleges that you are not morally or ethically challenged (how's that for p.c.). Don't do anything that will necessitate the school having to retract that state-

ment. Believe me, getting a 20 on a test is infinitely better than cheating, getting caught, and having your miserable arse thrown out of school a month before you're suppose to graduate.

4.) Final exam: Look forward to it.

5.) Dropping the class: Not likely at this late date. Once past Christmas, you're all mine.

Parting Shot:

Some of the most interesting, mind boggling material and demonstrations of the year are dealt with during the second semester. Some of the hardest material is also covered during that time. I wouldn't want to be accused of overstating the fact, but my advice to you comes in the form of a Zen quote that never was: Treat your studies in this class with the attention of a person facing death. And with that happy note, charge on!