(Rev. 10/24/07) Physics 2B Electricity and Magnetism

Fall Term, 2007 Sept 28 – Dec 7, 2007

Syllabus

Instructor: Office: Office Hours:	Prof. Joseph S. Chalmers MH 4114 1-2PM MW							
E-mail:	jchalmers@physics.ucsd.edu							
TA: Office: Office Hour: E-mail:	Shenshen Wang MH 2101-2106 5:00-5:50PM T shenwang@physics.u	ucsd.edu						
Textbook:Physics for Scientists and Engineers, 3rd edition, Vol. II Wolfson & Pasachoff								
Lecture:	11:00-11:50AM 8:00-8:50PM	MWF Tu	WLH 2001 SOLIS 107					
Discussion:	6:00-6:50PM	W	CENTR 115					
Problem Session:	4:00-4:50PM	М	PCYNH 106					
Quizzes: (No q	11:00-11:50AM F (No quiz week 8; Thanksgiving. No quiz week 10; Review Session)							
Final:	December 11,	11:30AM-2:30PM	TBA					
Revised Approximate Schedule:								
First Meeting Week 1 (10 Week 2 (10	-1): Chapter 23	Friday, September 2	8					
Week 3 (10) Week 4 (10) Week 5 (10)	-15): Chapters 25, -22):	Campus closed						

Week 6 (11-5):Chapter 29Week 7 (11-12*):Chapter 30 (* Monday Nov 12 is a University holiday)

Week 8 (11-19): Chapter 31, 32 Week 9 (11-26): Chapter 33

Week 10 (12-3): Chapter 33

Homework: The homework problems assigned are intended to provide you with practice in applying the major topics covered in class and to make you aware of how well you understand them. Homework will not be graded, but quizzes and exams will draw upon the types of problems assigned.

Quizzes & Exams

- 1. You may bring all the formulas of your choice on one side of an 8.5"x11" sheet to the exam.
- 2. The <u>only</u> permissible electronic device is a <u>non-graphical</u> calculator.
- You are responsible for bringing a SCANTRON form (X-101864-PAR) and a #2 pencil for the quizzes and you may wish to bring a few sheets of blank scratch paper.
- 4. Format of the Final TBA.
- 5. The instructor or TA may request to see a picture ID of anyone taking the quiz/exam.
- 6. Make-up quizzes or exams will not be possible.

Grading:	Quizzes:60%Final exam:40%			(total for 7 quizzes; drop 2 lowest)			
	B+:	80%-7	75%;	B:	95%-85%; 75%–65% case by case		

Caveat: You cannot afford to fall behind in this course. If you get stuck on anything, get unstuck quickly. Avail yourself of help from any or all of your instructor, TA and the Physics department's tutorial center.

Class Protocol

- 1. Attendance is not required; attention in class is.
- 2. You are responsible for all material covered in class.
- 3. You are responsible for all announcements made in class, on the course website and on the course listing on TritonLink.
- 4. Class will begin and end on time.
- 5. If you come in late, take a seat near the rear of the classroom.
- 6. If you will need to leave early, inform the instructor before class and sit near the rear of the classroom.
- 7. If you need to communicate with a classmate, keep it short and quiet so as not to distract fellow class members and/or the instructor.
- 8. Cell phones and pagers are to be turned off during class. Check your messages outside of class. No calls.
- 9. The UCSD policy on Integrity of Scholarship, in the 2007-2008 General Catalog, will be strictly enforced.