

Physics 100B Electromagnetism

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Course Summary: Chapters 4-8 of Griffiths
Electric Fields in Matter, Magnetostatics, Magnetic Fields in Matter, Electrodynamics, Conservation Laws

Course Schedule:

Lectures	MWF 11–11:50 pm	WLH 2204	E. Jenkins
DI	W 4-4:50 pm	PETER 103	E. Barnes

Course Web Page: Go to <http://physics.ucsd.edu> and click on ‘Course Web Pages.’

Grading: Homework 35% Midterm Exam 25% Final Exam 40%.

Course Text: David J. Griffiths, *Introduction to Electrodynamics*, Prentice Hall (1999), 3rd edition

Homework: Homework will be assigned weekly and collected for grading. The assignments and the solutions of the homework problems will be posted on the course web page. You may discuss problems with your peers, but homeworks must be written up separately. (Any instances of academic dishonesty will be pursued vigorously.) Homework is due in class on the due date. Homework received after the due date will receive ϵ credit, where ϵ is a small number.

Midterm Exams: There will be one in-class midterm exam on Wednesday, February 15, 2006.

Final Exam: The final exam is Thursday, March 23, 2006 from 11:30 am to 2:30 pm. It will not be possible to take the exam early for any reason.