

**COURSE INFORMATION**  
**Ph 106b (E&M), Winter 2004**

<b>TIME:</b>	TTh 10:30–12
<b>LOCATION:</b>	107 Downs
<b>INSTRUCTOR:</b>	Jonas Zmuidzinas, 324 Downs, x6229, jonas@submm.caltech.edu
<b>OFFICE HOURS:</b>	By appointment (send email)
<b>TA:</b>	Oleg Evnin, 422 Downs, x2631, eoe@caltech.edu
<b>TEXTBOOK:</b>	J. D. Jackson, <i>Classical Electrodynamics</i> , 3rd edition. I am planning to cover material from chapters 1–3 (electrostatics and boundary-value problems).
<b>PICK-UP:</b>	Graded homeworks, exams, etc. will be available in Rena Becerra-Rasti's office in 326A Downs.
<b>GRADING:</b>	50% homework, 50% final exam. Your grade for the second half of the course will be averaged with your grade for the first half (Preskill) in determining your overall course grade.
<b>FINAL:</b>	The final will be handed out during the last lecture of the term, on <b>Tuesday 3/9/04</b> , and will be due the following week, <b>Tuesday 3/16/04</b> .
<b>HOMEWORK:</b>	Homework will be assigned each Thursday in lecture (on 2/12, 2/19, 2/26, 3/4), and will be due the following Thursday in lecture (except the last assignment, which will be due on Thursday, 3/11/04, at 326A Downs.) It is essential that you do the homework since it counts for 50% of the grade. You may work individually or collaboratively on the homework, and you may use any reference materials you find useful. However, <i>you must thoroughly understand the solutions that you turn in</i> . <b>Homework will be accepted only up to 1 week late, but with a 20% penalty</b> , unless you have a medical excuse with a note from the Dean's office.
<b>REFERENCE:</b>	Copies of the lecture notes and supplemental material will be placed in a binder in the reserve section (details to follow).