SYLLABUS
Electrodynamics I
Physics 5573
Fall 2006

Instructor: R. Kantowski
Lectures: Tu. 2:30-3:45 and Fri. 2:45-4:00, NH 103
Office: 337 Nielsen Hall, 325-3961 ext. 36337
Office Hours: Fri. 4:00-5:30 and by appointment
E-mail: kantowski@nhn.ou.edu
Text Book: Classical Electrodynamics,
3rd edition (Wiley Press), by J. D. Jackson

Grader:

A web site containing info about this course can be reached by going
to the Physics and Astronomy page at “http://nhn.nhn.ou.edu/” and opening “Classes”.

The site will evolve as time progresses; however, at present it contains a
syllabus, assignments and some old lecture notes.

We will cover Chapters 1, 2, 3, 4, 5, 6 and possibly some of 7 and 8 this
semester.

Course Grades

Examinations: 2 exams 40%
Final: 20%
Homework 40%

You may consult/discuss etc. homework with other students, however,
each of you should write up your own results to turn in. I don’t want to see identical papers turned in. If you cannot understand and solve these problems yourself, you will not pass the exams.
The exams will be from 2 to 2-1/2 hrs in duration on prearranged dates. At this point the final is not expected to be a comprehensive examination of all class material. Emphasis will be on that material covered after the second exam. Exactly how much time will be allotted to the comprehensive part will depend on how much extra material is covered and will be announced in class before the Final.

Your weekly homework assignment is due at 5:00pm on Monday. Grades for late papers will be reduced by 25% per week. You will not be penalized for ‘officially’ excused absences.

Your first homework assignment is due this Monday (8/28/2006). Please read chapter 1 and work problems 2,3,4,and 5.

Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible so we can discuss accommodations necessary to ensure full participation and facilitate your educational opportunities.