Physics 8.07, Fall 1999
Electromagnetism II
Course Information

Lecturer: Prof. Washington (Wati) Taylor
Office 6-306, Phone 8-0729, wati@mit.edu
Office hours: Tuesday, Wednesday 11–12 AM

Recitation Instructor: Prof. Dan Kleppner
Office 26-235, Phone 3-6811, kleppner@mit.edu
Office hours: Monday 4–5 PM

Grader: Ertugrul Ozbudak
ozbudak@mit.edu
Office tutoring hours: Monday, Wednesday 4–5 PM in 4-344 C-1
Send email to him if you will be there.

Course Manager: Claudia LaBollita-James, Physics Education Office,
Room 4-352, Phone 3-4461, cljames@mit.edu

Lectures: Tuesday, Thursday 9:30-11:00 in 4-159
Recitations: Wednesday 10 AM, Wednesday 2 PM, both in 12-142

Web Page: The course web page is located at
http://web.mit.edu/8.07/
Some material will be available on this page, including handouts and homework assignments, as well as additional information relevant to the course. Note, however, that you should not rely on the web page for the handouts, as it may not be possible to retrieve a homework assignment at a crucial moment such as the night before it is due – it is your responsibility to pick up handouts when they are distributed in class.


Quizzes: There will be two 90-minute quizzes, which will be given in class on Thursday, October 7 and Tuesday, November 9.

Final Exam: The final exam will be given somewhere in the period from Monday, December 13 through Friday, December 17.
Homework: Homework assignments will be handed out Thursdays in class. Written solutions to the problems assigned are generally due the following Thursday. Problem sets should be returned by 9:30 AM on the due date in the 8.07 homework box in room 4-339B. While you are encouraged to discuss the homework problems with other students, the final writeup must be your own work.

Numerical Problems: There will be some numerical problems assigned as homework. You can use your favorite math package (e.g., Mathematica, MATLAB, etc.) or programming language (e.g., C, C++, Basic, etc.) to solve these problems. Please include a printout of the input lines or program you use to solve numerical problems with your problem set writeup.

Reading: Reading material in Griffiths will be assigned for each lecture. You will get much more out of the lectures and you will do much better in the course if you read the material carefully, work through the examples, and think on your own about the central ideas presented in the book, in advance of each lecture.

Grades: Final course grades will be determined from your grades on the problem sets, quizzes and final exam using the following weights. Problem sets: 25%, Quizzes: 20% + 20%, Final: 35%.

Late/missing assignments and tests: Unexcused missing or late assignments or missed exams will be given a grade of zero. Approval for late assignments must be requested in advance of the due date from Prof. Taylor or Prof. Kleppner. There will be no makeup exams. Excuses from tests must be requested IN ADVANCE if physically possible, and will only be granted in verifiably dire circumstances. In case an exam is missed, the remaining exams and homework grades will be used to determine the final grade.

Regrading: You have one week after a problem set or quiz is returned in which to contest your grade. Appeals on homework should be directed to N. Moeller; appeals on tests should be directed to Prof. Taylor.

Mailing List: There will be an email mailing list for the course, which will be used for course-related announcements. Please add yourself to the mailing list promptly. To add yourself to the list you must type:

    athena% /usr/athena/bin/blanche 8.07 -a user

on an Athena machine, where “user” is your MIT username (this will only work for addresses of the form user@mit.edu. If for some reason you do not have such an email address, “user” should be your full email address).