MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science

6.014 Electrodynamics—General Information for Spring 2002

Staff:

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Classes: Lectures: Tues., Thurs., 2:00-3:00 PM, Rm. 34-101.
Recitations: Wed., Fri., 11:00 AM, Rm. 26-302; 1:00, 2:00, and 3:00 PM, Rm. 26-314. [one recitation will be cancelled beginning February 8.]

Text: D.H. Staelin, A.W. Morgenthaler, and J. A. Kong, Electromagnetic Waves, Prentice Hall, 1994, plus supplements. (Quantum Books)

Quizzes: Tuesdays, March 19 and April 23, 2:00-3:00 PM; Rm. 34-101, closed book.

Homework: Issued in lecture; due Wednesday of the following week in recitation; graded homeworks are returned at tutorials. Late homework grades will be reduced 30 percent for the first week after the due date, and 50 percent thereafter.

Tutorials: Tutorials will be one hour per week in groups of about 4-5 students to discuss homework and answer questions. Attendance is important; to be scheduled later. Tutorials that spend more time on basics are available upon request.

Grade: The term grade G is approximately the sum Q_1+Q_2+2F+H where Q_1+Q_2 is the total quiz grade, F is the final exam grade, and H is the homework and tutorial grade; each is normalized to 100.

Information: Homework solutions are available only from the teaching assistants. Spare homework sets, etc. will be available in the course office, 26-341.

Prerequisites: 18.01, 18.02, or equivalent; 8.01, 8.02, or equivalent; 6.002 (more precisely, complex numbers, vector operators, simple matrix operations, basic calculus, RLC circuits, Maxwell's equations). 6.003, 6.013, or 8.03 are not required, although they might be helpful and are certainly valuable in their own right.