Physics 302

Electromagnetic Waves
Spring Semester 2009

Room: Seaver Hall 109
Time: MWF 10:00 - 10:50 AM

Instructor: Dr. Gabriele Varieschi
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Required Text: David J. Griffiths – Introduction to Electrodynamics – Third Edition – Prentice Hall (we will try to finish the book during the second semester).

Other useful books: Serway – Physics for Scientists and Engineers, Vol.2 – Thomson (for an elementary introduction to electromagnetism).
John D. Jackson – Classical Electrodynamics – Wiley (a leading graduate level textbook).

Tests: There will be two tests during the semester. They will all count toward your final grade, so please try not to miss any of them.

Test Dates: TBA

Final Exam: TBA - The final exam will probably be a take-home-exam.

Homework: Homework assignments will be given, typically one/two for each chapter of the book. Solutions to the problems will be reviewed in class, with student participation.

Grading:
(tentative) Homework 20 %
Test 1 20 %
Test 2 20 %
Final Exam 40 %

Grading (approx.): <50%=F; 50-54%=D; 55-69%=C range; 70-84=B range; >84=A range.

Have a good semester. Good luck!