PHY 482 : Electricity and Magnetism II

Spring 2011

Textbook: Electromagnetism by Pollack and Stump

Approximate Syllabus:

- Chapter 6 Dielectrics 1 week
- Chapter 9 Magnetic Materials 2 weeks
- Chapter 10 Electromagnetic Induction 2 weeks
- Chapter 11 Maxwell’s Equations 1 week
- Chapter 12 Electromagnetism and Relativity 3 weeks
- Chapter 13 Optics 2 weeks
- Chapter 15 Radiation 2 weeks

Grading will be based on weekly homework assignments, quizzes, midterm exams and a final exam.

Homework will be due Wednesdays.

Exam dates:

<table>
<thead>
<tr>
<th>Exam 1</th>
<th>Exam 2</th>
<th>Exam 3</th>
<th>Final Exam</th>
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<tbody>
<tr>
<td>Fri Feb 4</td>
<td>Fri Feb 25</td>
<td>Fri, Apr 8</td>
<td>May ?</td>
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Course web site: [www.pa.msu.edu/courses/phy482](http://www.pa.msu.edu/courses/phy482)

Attendance in class is, of course, obligatory.