PHYSICS 184 – Fall 2002
Physics for Scientists and Engineers II

General Information

• **Course Outline:** Electricity and magnetism, electromagnetic waves, geometric and wave optics.

• **Lecturers:** Prof. Kirsten Tollefson
  Prof. Michael Thoennessen

• **Lectures:** Monday, Tuesday, Wednesday, Friday
  4:10 - 5:00 pm, 1410 BPS

• **Office Hours:**
  Wednesday 10:00 - 12:00 am, 3234 BPS (Prof. Tollefson)
  Fridays 1:00 - 3:00 pm, 220 Cyclotron (Prof. Thoennessen)
  or by appointment 5-9200 ext 2138 (Prof. Tollefson)
  or by appointment 5-9672 ext 323 (Prof. Thoennessen)


• **Homework:** There will be 12 homework assignments, which are due on Wednesdays at 7:00 am. Students have the **OPTION** to use MSU’s CAPA system on the internet. Otherwise solutions are due at the end of the previous Tuesday lecture.

• **CAPA access:** CAPA can be accessed via the web: [http://capa4.lite.msu.edu](http://capa4.lite.msu.edu)
  or via telnet: `telnet capa4.lite.msu.edu`

• **Helproom:** There are numerous hours scheduled for student assistance in the Strosacker Learning Center in 1248 BPS, where students can get individual attention. For an up-to-date schedule check the course homepage.

• **Online Discussion:** Help can also be obtained online via the “DISCUSS”-button on the CAPA page for each set. A TA will be online at times posted on the course homepage.

• **Exams:** There will be several quizzes during lecture, three midterm exams (with optional 30% partial credit by corrections) and one final exam.

• **Grades:** The final grade will be based on the homework (25%), quizzes (7%), exams (33%), and the final exam (37%). 2% of the quizzes are bonus points.

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<thead>
<tr>
<th>Final Grade</th>
<th>4.0</th>
<th>3.5</th>
<th>3.0</th>
<th>2.5</th>
<th>2.0</th>
<th>1.5</th>
<th>1.0</th>
<th>0.0</th>
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<tbody>
<tr>
<td>% of total points</td>
<td>≥ 90</td>
<td>≥ 83</td>
<td>≥ 76</td>
<td>≥ 70</td>
<td>≥ 64</td>
<td>≥ 58</td>
<td>≥ 52</td>
<td>&lt; 52</td>
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• **Course Homepage:** Updated course information and policies can be found on the WWW at: [http://www.pa.msu.edu/courses/PHY184](http://www.pa.msu.edu/courses/PHY184)