Physics 3202 — Electricity and Magnetism II  
Spring Semester 2009

**Course Description:** Physics 3202, Electricity and Magnetism II covers the following topics: Maxwell’s equations, conservation laws in electrodynamics, electromagnetic waves, radiation, relativistic mechanics and electrodynamics. 

Ideas are illustrated and supported with physical examples. There is an extensive use of computing for symbolic analysis and visualization.

**Lectures:** Tuesday and Thursday 2:00PM–3:15PM in room P103A (Physics Building)

**Textbook:** David J. Griffiths, *Introduction to Electrodynamics*, 3rd ed.

**Webpage:** Information about the class, syllabus, academic calendar, homework assignments, sample midterms, grades, and useful links can be found/downloaded from the following web page: http://www.phys.uconn.edu/phys3202/

**Instructor:** Michael Rozman

email: rozman@phys.uconn.edu  
phone: 860 486 5827  
office: Room P327 (Physics Building)

**Office Hours:** Tuesday 3:30PM to 5:00PM in P327/P322 Physics Building and by appointments

**Communications:** Email to rozman@phys.uconn.edu is the preferred method to contact the instructor. **Please include the string “[phys3202]” (without quotes) in the subject of your email,** e.g. “[phys3202] midterm II retake”.

**Homework:** Weekly homework assignments

**Honors conversion:** Students interested in honors conversion should contact the instructor during the **first week of classes.**

**Exams:** There will be two lecture-hour midterm exams and an open-book **cumulative** final exam.

**Grading scheme:** The course grade will be calculated using the following scheme.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
</tr>
<tr>
<td>Midterms</td>
<td>40%</td>
</tr>
<tr>
<td>Final exam</td>
<td>30%</td>
</tr>
</tbody>
</table>