Physics 3102, Mechanics II
(Spring Semester 2010)

Course Description: Physics 3102 (Mechanics II) covers the following topics: the Hamiltonian method; relativistic mechanics; continuum mechanics.

Instructor: Michael Rozman
   email: rozman@phys.uconn.edu
   phone: 860 486 5827
   office: Room P327, Physics Building

Office Hours: Monday and Wednesday from 1:00 PM to 3:00 PM in P322 Physics Building and/or by appointment.

Course Texts:

- Required:

- Optional:

- Additional literature:

Lectures: Monday, Wednesday, and Friday 11:00 AM — 11:50 PM in room P121, Physics Building. Attendance of the lectures is optional.

Computer Lab: Physics Computer Lab P122, time to be arranged.
Course Webpage: [http://www.phys.uconn.edu/phys3102/](http://www.phys.uconn.edu/phys3102/)

Communications: Email to rozman@phys.uconn.edu is the preferred method to contact the instructor. Please include the string “[phys3102]” (without quotes, no spaces between square brackets) in the subject of your email, e.g. “[phys3102] midterm II retake”. Phone calls are returned at the discretion of the instructor.

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. Networked devices are not allowed during the tests. Midterms are usually scheduled for Monday classes, review sessions take place during the preceding weekends.

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

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