PHYSICS 241 – Computational Mechanics – Fall 2006

Location: Workman 113 and Speare 4, Time: T-Th 11:00am-12:15pm

Professor: Richard Sonnenfeld, Workman 347,
Tel: 835-6434, rsonnenf@nmt.edu

Programming Lab: A TA will be available in Speare4 one day a week to help with programming problems.

Office Hours: Monday 4:30-6:00 pm and by appointment.

Schedule/Topics: A syllabus and exam schedule is posted on the web.

Announcements: Announcements (upcoming exams, where next class will meet, changes to HW assignments, etc.) are made in class and (sometimes) posted on the web.

Required Texts: Newtonian Mechanics by A. French
© 1971, Norton and Company
Getting Started with Matlab by William J. Palm III
© 2005, McGraw-Hill

WebPage: I will be using my web-page on http://www.physics.nmt.edu/~rsonnenf/phys241

to post assignments and class notes. Additional material will be at yourname@feynman.nmt.edu

Grading:

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<th>Component</th>
<th>Weight</th>
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<tr>
<td>Final</td>
<td>25%</td>
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<tr>
<td>Test 1:</td>
<td>15%</td>
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<td>Test 2:</td>
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<td>Project:</td>
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<td>Homework:</td>
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<td>Participation</td>
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“A” is 90-100, “B” is 80-90 … etc. (I reserve the right to curve the grades later in the course, but only in your favor.)

Testing: Tests and Final are not available for make-up. In the event of a personal tragedy or an act of God, I will work with you.

Homework: Homework is usually assigned Tuesday and is collected at beginning of class the following Tuesday. Late homework is accepted “within reason”. Feel free to work on homework in groups (but make sure you are thinking for yourself!).

Programming (MATLAB) problems on HW should be done individually. You may get help from classmates, but you need to write your own code. If I receive very similar programs, no credit will be given for the work.

All problems will be graded by your prof. An ongoing assignment calendar is posted on the web. Check it before each class. It will evolve over time.