ME 3403 - Solid Mechanics and Design II

Syllabus

Instructor Dr. Michael Raulli
Class Times TR 10:00-11:15 (Section 001) 11:30-12:45 (Section 003) Tolentine 426
Contact Information 113F Tolentine; 610.519.4798; michael.raulli@villanova.edu
Office Hours MW 12-3 PM
Prerequisites ME 3402 - Solid Mechanics and Design I
Website http://homepage.villanova.edu/michael.raulli/html/3403Spring07.html

1 Text


2 Grading Policy

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Homework</td>
<td>20 %</td>
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<td>Design Project</td>
<td>10 %</td>
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<td>Tests</td>
<td>40 %</td>
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<td>Participation</td>
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<td>Final Exam</td>
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Standard grading values for A-F will be used. The instructor reserves the right to moves grades up to a higher grade, but grades will not selectively be moved down. A grade of 65% is the minimum for passing.

Homework  Homework is the single most important learning tool in this class. The main goal is to use the homework to reinforce the class material, not give you busywork. The homework will be graded with a relative amount of importance in order to encourage your attention to it. Homework will be assigned approximately once a week, but this will vary with testing schedules and class progress.

Preparation of homework will not follow any rigid guidelines, however, please remember that neatness counts. If your work is illegible or impossible to follow, the most stunning logical progression is still worth nothing, so please make sure that the grader or I can read your work, or else you will not get credit. I encourage the use of both sides of the paper, or the back of one-sided printouts that are not needed, because saving trees is worth more than spending money on engineering paper. Remember, when you have a job or go to graduate school, nobody will tell you how to be neat, they will only expect that you are.

Working in groups is acceptable, though copying is not. Please use the wisdom and intelligence of your fellow students to further your understanding of the class material. However, complete the final assignment on your own. Unless stated otherwise, assignments will be turned in individually. Late assignments will be accepted for full credit by special arrangement, and with deductions of 10 points per day without arrangement.
Matlab assignments  For Matlab assignments, you may work in groups of two. You may email me one code for the entire group. Any more than two people working together will result in a reduction of the grade by 25 points for each additional person.

Tests  In order to guide your test taking efforts, tests will be closed book, closed notes, except for one piece of 8.5 x 11 inch paper on which you may write whatever you please. If you must miss a test, discuss it with me ahead of time (if possible) to determine if it is an acceptable excuse and to arrange a make-up time. Please provide verification of your excuse.

Final Exam  The final exam will be comprehensive and also closed book/notes. For the final, two sheets of paper will be allowed.

Design Project  You will complete a group design project, which may be assigned in parts.

3 Attendance

Attendance is voluntary, though it will be taken at the start of every class. Keep in mind that students who regularly attend class will be given greater attention in office hours and the benefit of the doubt for grades that are bordering on a higher one.

4 Academic Integrity

http://www.vpaa.villanova.edu/academicintegrity/code.html

5 Learning Support Services

If you have a disability and need special accommodations, please discuss it with me. Call the Learning Support Office at 610-519-5636 to verify and register.

6 Website

This and other class material will be posted on the website given. Assignments and solutions will not be distributed in class, they will always be posted on the website given above (it is not WebCT). If you do not have a handout, assignment, etc. please check the website before asking.

7 Miscellaneous

Please feel free to stop by my office anytime, in addition to the posted hours. If I am busy then we can set up an appointment time. Also, I am happy to advise on non-class material such as graduate school and anything else you might think I am qualified to form an opinion on.