

## Ma221 information

**1.** Please review the course syllabus and outcomes. Periodically return to the outcomes and check your learned skills by solving the provided typical problems.

**2.** We use D.Zill's textbook "Differential Equations and Boundary-Value Problems", 8<sup>th</sup>, 9<sup>th</sup>, or 10<sup>th</sup> editions.

**3. Grading policy.** We have three midterm exams worth 15% each, 15% for Hw Webassignments, 10% for recitations activity, and 30% for the cumulative final exam. However, 2% may be reduced for poor attendance (missed 4+ lectures or 2+ recitation classes).

**4. Recitations.** At recitations, discussion groups of 3-4 students will be formed. During recitation class, students will solve several problems, and each group will submit their agreed-upon solutions. All group members are responsible for the report's content and must sign the report before turning it in. Certainly, the TA will assist if needed. The report must be well written. The solutions should not be presented in the middle of the page; the writing should start from the top left corner and be well organized and easily readable. Participation in recitations earns points. Poorly written presentations of solutions may lead to the loss of points. All students from the group should write reports on a cycling basis (different writers for different recitation classes).

**5. Hw assignments.** Weekly assignments are provided on the **WebAssign.com** site. You must sign up, self-enroll, and purchase the WebAssign.com service and access your section using the following key: **stevens 0471 4756**

The Hw assignments become available on Wednesdays and are due next Tuesday evening. It is expected that doing Hw assignments takes about 4 hours weekly if you do not miss the classes and do all previous Hw assignments.

**6. Exams.** The midterm exams are scheduled once a month on Wednesdays. They are run in the lecture class during the lecture 50-minute period. You should clearly PRINT your name on the first page in CAPITAL letters, your Stevens ID number, and sign. The solutions must be well presented. All writings must start from the top left corner, and be well-organized and well-readable. Do not use dull pencils! Pens are much better, if you cross out a wrong part of the solution, no points are lost. The answer(s) must be **framed**.

**7. Bonus.** There are several ways to earn extra credit, which is counted above regular assignments and exams

(a) class activity

(b) modeling computational project

(c) bonus Hw assignments on WebAssign (available from Wednesdays through Tuesdays). These problems are solely voluntary. If you do not solve them, theoretically speaking, you still can earn 100% for the class.

(d) bonus problems at the final exam in December and/or for the modeling computational project.