

Department of Mathematics and Computer Science
Emory University
Fall 2007
MATH 212, Section 000
Differential Equations

C O U R S E O U T L I N E

Instructor: Gideon Maschler
Office: MSC W402
Office Hours: Provisionally W 4:15 – 5:45, F 3 – 4:30, or by appointment.
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Phone: 404-727-0546.
Textbook: *Elementary Differential Equations and Boundary Value Problems*,
8th edition, by William E. Boyce and Richard C. DiPrima.
Material: Chapters 1, 2, parts of 3,4,5,7 and additional topics if time permits.
Prerequisites: One of MATH 112, 112S or 112Z.
Location: MWF 2-2:50 at MSC W304.

Grade Distribution and exam dates

The course grade will be a weighted average of a Term Mark and a Final Exam Mark. The higher of these two marks will weigh 60%, and the lower will weigh 40%. The Term Mark is calculated as follows:

Assignments: 24% of Term Mark
Two term tests: 38% *each*, of Term Mark

The term tests are provisionally scheduled for October 3 and November 7, in class. The Final Exam Mark is the grade of a two and a half hour exam given on Tuesday, Dec. 18, at 8:30-11 a.m., in class. Note that under no circumstances will the date and time for the final exam be changed. The final is *cumulative*.

Structure

Assignments will be collected weekly on Mondays, in the *beginning* of the class. Each will count equally, but the lowest assignment grade will be dropped in computing the 24% component of the Term Mark. On rare occasions, it is possible that a quiz will replace an assignment. In that case, suggested practice problems will be given in advance.

Make-up tests may be given only in *very rare* cases, and you will need to discuss the matter with me *beforehand*, if you are to have a chance to take one.

The course web site is [http : //mathcs.emory.edu/~gm/212 – 07/212.html](http://mathcs.emory.edu/~gm/212-07/212.html). The assignments will be posted in it, about a week prior to submission, along with updates and other course materials.

In the classroom, concentrate on the mathematics, and be considerate: make sure you are not impeding similar efforts of your fellow students. Write your assignments and tests legibly, and submit in *orderly stapled* papers. Finally, seek help if you are struggling with any portion of the material.