Differential Equations – Math 330

Summer 2013 · M-Th 9:00-12:00 · Serra 155

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Office Hours: M-Th 12:00-1:00

Supplies

Text: *Differential Equations*, 4th Edition, by Blanchard, Devaney, and Hall

Software: We will be using Berkeley Madonna in this course, downloadable from
http://www.berkeleymadonna.com/jmadonna/jmadrelease.html.

Stapler: Any assignment you turn in which is more than one page long must be stapled.

Grading Scale

The grading scale below will determine your final grade.

Professional Student Conduct	....	5 %
Daily Quizzes	....	25 %
Exam 1, Jan 12	....	35 %
Exam 2, Jan 27	....	35 %

All assessment will be based on the clarity of your explanations, your use of proper grammar, and the conceptual and logical correctness of your argument.

Professional Student Conduct

Everyone will start with 100% on this portion of their grade, and it is my intention that everyone will end the course with 100% as well. In order to keep all your points on this portion of your grade, you must have your laptops closed at all times during lecture. In addition, during the parts of the class that you are asked to work through computer examples, you will be expected to be spending your time on the computer working through the examples. Checking emails and surfing unrelated websites during class time will be bad news for your grade!

Homework

Homework is a critical component of any math course. Homework is without question the single most important component of this course. Homework will be assigned at the end of every class period, and you must complete it before the beginning of the next class period. Homework will not be collected, but you will need to do and to understand your homework completely in order to succeed on the quizzes.

Daily Quizzes

We will have a quiz every class period. Quizzes will be handed out at 9:00, and will be collected exactly 10 minutes into class, at 9:10. If you arrive late to class, you will still have to turn in your quiz on time with the rest of the class. If you arrive after 9:10, you will not be able to take that day's quiz.

The quiz problems will be chosen directly from a previous homework assignment, or else they will be the same as a previous homework problem except for minor modifications. If you have already solved and understand the solutions to your homework problems, then you will have plenty of time finish your quiz with a clear and neat solution to each problem. If you have not done your assignment ahead of time, then you may not have time to finish your quiz. So please, do your homework!

I will drop your lowest quiz score when I calculate your grade. Therefore, you can skip one classes for any reason (illness, travel, hangover) without penalty. After that, missing a quiz for any reason will result in a 0 for a quiz that gets counted in your final grade.

Exams

You will have 2 exams, on the dates stated above. I will not give a make-up exam under any circumstances, so be sure that you can make these dates now!

Attendance

I will be taking attendance each day of class. Please remember that Dr. Daspro is only allowing each student 2 absences in this course.

Extra Activities

We will have 2 opportunities to learn about applications of mathematics outside the regular class setting this term:

- On June 17, Research scientist David Polidori from Johnson and Johnson will visit our class to talk about the use of differential equations and numerical analysis in the pharmaceutical industry.

- On June 25, we will have a site visit and tour of Qualcomm, with a couple of presentations by engineers who work there.