Course Info:
MATH 383 - Linear Algebra and Differential Equations
Fall 2011 - Section 002

Time/Place:
TuTh: 9:30 AM - 10:45 AM, Phillips Hall 265

Instructor:
Jeremy Louis Marzuola

Contact Info:
E-mail: marzuola@math.unc.edu
Office: Room 324-D Phillips Hall
Office Hours: TuTh: 3:30 PM - 5:00 PM

Teaching Assistant:
Ryo Moore

Contact Info:
E-mail: TBD
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Office Hours: TBD

Topics:
I. First Order Scalar ODE’s - Techniques and Models
II. Second Order ODE’s - Techniques and Models
III. Linear Algebra - Vector Spaces, Linear Systems, Matrices, Eigenvalues
IV. Systems of ODE’s - Techniques and Models
V. Nonlinear Applications (Time Permitting)

Prerequisites:
The course requires Math 233 or the equivalent.
Recommended Course Texts:

Grading:
The course will be graded on weekly homework assignments (25%), two midterm exams (20% each) and a final exam (35%).

Homework Assignments:
The homework assignments will be due every Thursday, beginning September 1st, 2011. No late homework assignments will be accepted but the lowest two homework scores from the semester will be dropped. Though I encourage communication on the homework assignments, each student should write up the assignment on their own.

Exams:
The midterm exams will be in class on September 29th, 2011 and November 3rd, 2011. The final exam will occur at the standard schedule time according to the University Registrar Schedule, which is Thursday, December 15th, 2011 at 8:00 AM.

Honor Code Statement and Course Policies:
It is expected that each student will conduct themselves within the guidelines of the UNC Honor System. Upon entering class, all cell phones should be turned off. Exams will be closed book and without calculators. Please put all cell phones and calculators away before coming to class for any exam.

Make-up and Absentee Policy:
Attendance at every class is strongly encouraged. No make-ups will be given for homework assignments. Missed in-class exams can be made up only if a written medical/coach excuse is provided showing you were unable to attend. No changes are permitted for the final exam without appeal to the Dean.