MATH 5A SYLLABUS

Instructor: John Cloutier
Office: South Hall 6431K
Office Hours: Monday - Friday 12:10pm-1:10pm
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Course webpage: http://www.math.ucsb.edu/~john/math5a/

Textbook:
Differential Equations & Linear Algebra by Farlow, Hall, McDill, and West

Course Description: This course is the second half of the two quarter sequence on linear algebra and differential equations. We will cover chapters 4, 5, and 6 in the text (although not in that order), possibly more if time permits. Topics include linear transformations, second order linear differential equations, eigenvalues and eigenvectors, and linear systems of differential equations.

Homework and Exams: Homework will be assigned at the end of each lecture and will be due each Friday in class. Homework will also be posted on the course webpage. There will be two midterms and a final exam. The dates for the exams are as follows:
- Midterm 1: Friday, August 18
- Midterm 2: Friday, September 1
- Final: Friday, September 15

Grading: The grades will be broken down as follows:
- Homework = 10%
- Midterm 1 = 25%
- Midterm 2 = 25%
- Final = 40%