

Math 24 : Syllabus and general information

March 31, 2008

Instructor: Maria Schonbek

Office: Baskin Engineering 353A phone: 459-4657

Office Hours : M: 12:30 -1:30.

Email: schonbek@math.ucsc.edu

Lectures : 2:00-3:10 E&M B210

TA: Alex Castro

Section times: 01A DIS 63576 Tu 02:00PM-03:10PM Oakes Acad 103 20 20
CLOSED

01B DIS 63577 Th 04:00PM-05:10PM Soc Sci 1 149 18 20 OPEN
computational lab(pending).

Alex OH's: TBA

Textbook : Differential Equations Authors: P. Blanchard, R. Devaney and G. Hall .

Grading: Homework: 20%, Midterm I: 30 %, Midterm II: 30 %, Final Project 20 % .

This Syllabus gives a general idea of the progress of the class. There will be variations depending on how fast certain topics are understood .

Midterm I date: April 30

Midterm II To be announced

Final Project has to be handed in : Date to be announced

Enrollment: For problems with and questions about enrollment please contact Andrea Gilovich(gilovich@math.ucsc.edu) at the Math office (195 Baskin Engineering Bld).

This course is an introduction to Ordinary differential equations. We will cover the following topics:

1. Introduction to Ordinary Differential Equations; First examples.
2. First Order equations.
- 3 Euler Method
4. First order Systems
4. Linear Systems.
5. Harmonic oscillators.