

Computations in Elementary Differential Equations and Linear Algebra

Engineering Department
University of California, Santa Barbara

Instructor: Ilan Ben-Yaacov, ESB Room 2213, ext. 5295, ilan@engineering.ucsb.edu

Time and Place: Wed. 3:00 – 3:50 p.m., CHEM 1171

Office Hours: Office hours are Tuesdays 3:00-4:00 p.m.

Teaching Assistant: Arash Arfaee, arash@ece.ucsb.edu

Recommended Text: *Differential Equations and Linear Algebra* by Farlow, Hill, McDill, West

Midterm: October 27th.

Final: Saturday December 11th, 12:00-3:00 p.m.

CLASS NOTES: All class notes are posted on the class web page. You are required to print them and bring them to class, as I will be referring to them during lecture.

HOMEWORK: Homework will be assigned weekly and due at the beginning of class the following week. Late homeworks will only be accepted under extreme circumstances (*i.e.* sickness with a note from a physician). All homework assignments and solutions will be posted on the class website. Check the website for updates and hints. All homework turned in must be written with your name and perm number on top, as well as the due date for the assignment, with multiple pages stapled BEFORE you get to class. Assignments not meeting these requirements will not be accepted. This is to save the time of the TA.

MATHEMATICA: You will be using Mathematica extensively in this class. You should familiarize yourself with this program. A few helpful handouts are available on the class web page.

Class Web Page: http://my.ece.ucsb.edu/ENGR5A_F2004

POLICIES

GRADING: Midterm 20%, Final 50%, Homework 30%.

EXAMS: Exams will be closed book, calculators are okay. The final will be comprehensive.