MATH 34B SYLLABUS
FALL 2004

Lectures	Math 34B, TR 11:00-12:15
Instructor	Paolo Cascini, South Hall 6517, phone 893-5912 cascini@math.ucsb.edu
Office Hours	Tuesday 9:30-10:30, 3:30-4:30 , Thursday 9:30-10:30, or by appointment, if you cannot make these times.
Text	Calculus and Mathematical Reasoning for Social and Life Sciences, D.Cooper
Teaching Assistant	Garrett W Johnson, SH 6432G, johnson@math.ucsb.edu
Discussion Sections	All discussion sections are held on a Monday. Please note that attendance at a discussion section is mandatory.
Exams, Final	Thursday, Dec, 9, 12-3pm
Midterm I	Tuesday, Oct. 19
Midterm II	Tuesday, Nov. 16
Homework	Hwk will be collected and returned during discussion sections. **No** late assignments will be accepted.
Quizzes	There will be one quiz every other week in section. Each quiz will consist of question(s) from the hwk.
Calculators	You will **not** be allowed to use a calculator on any of the exams or quizzes.
Exams	Bonus points will be awarded for clear and easy to follow answers. Look at the book for examples of good versus poor work.
Grading policy	Each midterm 20%, homework and quizzes 20%, final 40%.

Tentative Class Schedule

Date	Reading	Topics
9/23	Ch. 8	Review of Derivatives
9/28	Ch. 8	
9/30	Ch. 9.1-9.2	Definite Integral
10/05	Ch. 9.3	Indefinite Integral
10/07	Ch. 9.4-9.5	Riemann Sums
10/12	Ch. 9.6	Fundamental Theorem of Calculus
10/14		Review
10/19		Midterm I
10/21	Ch. 12.1-12.2	Product Rule
10/26	Ch. 12.4-12.5	Order of Smallness
10/28	Ch. 12.6	Power Series
11/02	Ch. 13.1-13.2	Differential Equations
11/04	Ch. 13.3-13.4	Growth/Decay Equation
11/09	Ch. 13.5-13.6	Graphing Solutions
11/11		Veterans'Day Holiday
11/16		Midterm II
11/18	Ch. 13.7-13.9	Exponential Decay
11/23	Ch. 15.1-15.3	Partial Derivatives
11/25		Thanksgiving Holiday
11/30	Ch. 15.4	Max & Min with 2 variables
12/02		Review