

# Syllabus for Math 132, Calculus II

## Fall 2008

Instructors (all email addresses are @math.sunysb.edu)

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Course Text

*Single Variable Calculus*, 3ed Stony Brook University Edition, by James Stewart

Prerequisites

Official prerequisites are a grade of C or higher in one of MAT 131, MAT 141, or AMS 151, or else a level 7 or higher on the mathematics placement exam. Unofficially, what you need is a firm knowledge of derivatives and of basic algebra.

Exams

Any necessary special formulas will be provided on the exam, and the problems will be designed so that calculators won't be necessary. Thus all you'll need is your brain and a pencil. No notes, books, cheatsheets or calculators will be allowed.

Midterm 1: Tuesday Oct 14, 8:30PM (20% of grade)

Midterm 2: Thursday Nov 6, 8:30PM (20% of grade)

Final: Thursday Dec 18, 2-4:30PM (40% of grade)

Homework (20% of grade)

One problem set will be due each week. The problems will be turned in at the *beginning* of class of your second weekly recitation section. Exam questions will be modelled on homework questions, so doing and understanding the homework is the best way to prepare for the tests.

This is a 4 credit course, and as a fair warning, you will have to work hard to be successful. If you fall seriously behind on the homework, you will not be able to keep up in class and will not be prepared for the exams. You are encouraged to work in groups, but you must write up your own solutions.

You must always show your work. No credit will be given for correct answers without correct work, on either exams or homeworks. No exceptions.

Makeup policy

All of your responsibilities for this class have been announced well ahead of time, namely in the first week of classes. Thus almost no requests for makeup homeworks or exams will be granted. The only exceptions, assuming evidence is provided, will be for serious illness, family emergency, or an unforeseeable catastrophe (tornado, car wreck, etc).

Grading policy

The grading will be curved. This means your letter grade will be influenced by your performance relative to the rest of the class. An approximate curve will be made after each exam. The final curve, by which your course grade will be determined, will be set using the same process used for the individual exams, so the individual exam curves should be a good measure of how well you are doing.

Academic Integrity Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>.

Course Withdrawals The academic calendar, published in the Undergraduate Class Schedule, lists various dates that students must follow. Permission for a student to withdraw from a course after the deadline may be granted only by the Arts and Sciences Committee on Academic Standing and Appeals or the Engineering and Applied Sciences Committee on Academic Standing. The same is true of withdrawals that will result in an underload. A note from the instructor is not sufficient to secure a withdrawal from a course without regard to deadlines and underloads.