C A L C U L U S   I I I
Syllabus for Math 126 C - Spring 2007

Lecturer: Dr. Matthew M. Conroy   **Office:** Padelford C-544
Email: conroy@math.washington.edu   **Web page:** www.math.washington.edu/∼conroy

Office hours are times when you can speak to me without making an appointment - just stop by. My office hours for this quarter are listed at the web page above (or will be soon!).

Send me email or talk to me if you need to meet me at some other time, or have any questions or concerns. When emailing me, please indicate which course and section you are in (for instance, Math 120 section AB). Also, start the email message with my name so I know who you think you are writing to, and sign it so I know how to address a reply.

Purpose of the course: This course is the third in the UW sequence of calculus courses. We will cover Taylor polynomials and series, then vector and multivariable calculus topics.

A sizeable chunk of the course is all about extending the ideas of Math 124 and Math 125 to multiple dimensions.

Text: *Calculus: Early Transcendentals*, 5th Edition, by James Stewart

Lectures: There are lectures each Monday, Wednesday and Friday. You are responsible for knowing all that goes on in lecture, but you are not explicitly required to attend.

Quiz Section: You will have quiz sections on Tuesday and Thursday with a teaching assistant (T.A.). Discussing homework problems is the purpose of Tuesday quiz section. You should come to Tuesday quiz sections prepared to ask questions.

Worksheets: Most non-exam weeks, there will be worksheets to work on Thursdays. You should bring these with you to quiz section.

Homework: The homework assignments are listed on the class website. They may change, so do check the assignment each week. I'll try to announce changes in lecture.

The homework is the most important part of the course. Generally, homework corresponding to the previous Wednesday, Friday, and Monday lectures will be due on the next **Wednesday**.

Late homework will not be accepted. However, you are allowed to miss *o*ne homework assignment without penalty to your grade.

Your homework will be graded on the work shown, not just on the bottom line answer. So, *you must show your work!*

Since you should have plenty of time to work the homework problems (and to seek assistance if necessary), I will be expecting you to complete and have accurate write-ups of **all** assigned problems. Hence, only a sample of problems (usually one for each chapter) will be graded.

I strongly encourage you to work with other students in the class. The Math Study Center (MSC) is an ideal place to do this. You will learn the material faster and understand it better by discussing it with others. I recommend working with others to find solutions to problems, then going away and writing up the solutions individually from your own mind.

Exams: There will be two midterm exams and a final exam.

Midterm 1	**Thursday, April 19**
Midterm 2	**Thursday, May 10**
Final Exam	**Saturday, June 2**

The midterm exams will be 50 minutes long and will be given at your usual quiz section classroom.

The final exam location and time will be announced later and posted on the class website.

Exams are cumulative: you may be asked to solve problems using techniques discussed at any prior point in the course.

Make-up exams will not be given, so don't miss exams. If you miss an exam due to some unavoidable, unforeseen event (e.g. sudden illness, traffic accident, etc.) you should contact me *as soon as possible*.

Calculators and notes: Graphing calculators are not allowed on exams. Non-graphing, scientific calculators are allowed, and you will be expected to have a calculator during exams. Other electronic devices are not allowed.

A single, hand-written 8.5×11 inch sheet of notes is allowed during exams. You may write on both sides.

Grading: Your score will be made up of the following:

worksheets	5 %
homework	10 %
exams	25 % each
final exam	35 %

Grades **are** curved in that your course grade will reflect your performance relative to the rest of the class rather than relative to some fixed percentage scheme (e.g., 90-80-70-60 etc.). Historically, the median grade in the Math 126 has usually been around 2.9-3.1.

A failing grade of 0.0 in the course is likely if your work is not up to the level of 70% of the class median.

Beginning some time after the first exam, grades will periodically be posted by the last four digits of your student i.d. number. You should check your posted grades to make sure that they are accurate, and inform your TA if you find any errors.

If you feel that an error in grading has occured, you have **one week** after the exam or homework is returned to bring it to the attention of me or your quiz section T.A. You should bring the error to my attention as soon as possible, say by stopping by office hours.

Resources:

- A link to the class website can be found at:
  http://www.math.washington.edu/∼conroy
  You will find various bits of useful information there, including a homework schedule, past exams and quizzes, etc.

- The Math Study Center (Communications B-014) is open to students in MATH 126. The Center provides a comfortable place and a supportive atmosphere for students to come together and study, in groups or individually. The center is staffed by TAs and instructors. Follow the link on the class website to the MSC website for more information.

- The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or dso@u.washington.edu.

- The Student Counseling Center academic skills workshops on a variety of topics including stress management, test anxiety and time management to help you succeed at the University of Washington. If any of these is an issue for you, check out the schedule of workshops at
  http://depts.washington.edu/scc/studyskills.html