C A L C U L U S II
Syllabus for Math 125 F Autumn 2006

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

Office hours: Office hours are times when you can speak to me without making an appointment - just drop by. My office hours for this quarter are available at the web page above (or will be very soon!), and are subject to change so check before you visit.

Purpose of the course: This course will introduce you to the second part of the subject of calculus: the study of the *integral* and its applications. A lot of what we will do amounts to Math 124 in reverse.

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

The "single variable" version is acceptable, but you will need the full version if you plan to take Math 126.

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.). You should come to quiz sections prepared to ask questions about homework problems and course concepts.

There will also be a weekly worksheet (usually to be completed in section on Thursday) to introduce new ideas or provide a new perspective and extra practice with concepts introduced in lecture.

Homework: Homework assignments will be listed on the class website.

The homework is the most important part of the course. Homework will be due most non-exam-week **Friday** in lecture. Generally homework corresponding to the Friday, Wednesday and Monday lectures will be due on the following Friday.

Late homework will not be accepted. You will be allowed to miss one homework without reduction of your grade.

Answers (but not solutions) to many problems can be found in the text. Thus, your homework will often not be graded on the bottom line answers, but on the work which led to the answer. So, *you must show your work!*

Since you should have enough 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** problems. Hence, only a sample of problems (usually one for each section) will be graded.

I strongly encourage you to work with other students in the class. The **Math Study Center** 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. The midterms will be in quiz section on Thursday, **October 19** and Thursday, **November 16**.

Exams are cumulative: you will be expected to solve problems that may require techniques from every prior part of the course.

Make-up exams will not be given, so don't miss the exams.

Final Exam: The final exam will be **Saturday, December 9**. The time and location will be announced later.

Equipment: Graphing calculators are *not* allowed on exams. Simple, scientific calculators are **required** on midterm exams. Other electronic devices are not allowed. A single, double-sided hand-written 8.5 × 11 inch sheet of notes is allowed during midterm exams.

The policies regarding notes and calculators on the final exam will be anounced later.

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

homework	10 %
worksheets	5 %
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 125 has been in the 2.8-3.0 range.

A grade of 0.0 may result if your work is below 70% of the course median.

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.

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 125. The Center provides a comfortable place and a supportive atmosphere for students to come together and study, in groups or individually. At the MSC you can ask questions of TAs, instructors, and the qualified staff members. See the class 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 offers 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

  They also have counselors who can meet with you individually about any kind of difficulty you may be experiencing.