

Syllabus for Math 125 - Winter 2009

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

Office hours: Office hours are times when you can speak to Dr. Conroy without making an appointment - just drop by. Dr. Conroy's office hours for this quarter are available at the web page above (or will be very soon!).

Purpose of the course: This course will introduce you to the first part of the subject of calculus: the study of limits and derivatives, and their applications.

Text: Calculus, by James Stewart, available at the University Bookstore.

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.). Surprisingly, there are **no** quizzes in quiz section.

There will be weekly worksheets that will be done in quiz section on Tuesdays. Thursday quiz sections will be devoted to discussing homework problems: come to quiz section prepared to ask questions!

Homework: You should visit the class website and get a homework schedule. If the schedule changes, you will be instructed to visit the website and get a new schedule.

Homework will be due (almost) every non-exam week **Friday** in lecture. Generally homework corresponding to the Friday, Monday, and Wednesday lectures will be due on the following Friday. You should expect to spend at least 15 hours a week working on problems in this course.

Late homework will not be accepted. Instead, your lowest homework score will be "dropped" and have no influence on 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 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** 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.

Writing problems: Several time during the quarter there will be problems assigned that require a bit more work and thought to solve. You should write solutions to these problems more completely than a standard homework problem. That is, you should use words and complete sentences. The solutions will not necessarily be especially long, but the goal is to give you practice thinking a bit more deeply than you might usually be doing, and to practice communicating technical concepts.

Midterm Exams: There will be two midterm exams and a final exam. The midterms will be in quiz section on **January 29, 2009** and **February 26, 2009**. The midterms will be 80 minutes long.

Exams are cumulative: you will be expected 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 because of some unavoidable occurrence (e.g., accident, sudden illness, etc.) you should contact me *as soon as possible* to have the best possible chance for a beneficial adjustment.

Final Exam: The final exam will be **Saturday, March 14, 2009**. Time and location will be announced later.

Equipment: Graphing calculators are *not* allowed on exams. Simple, scientific calculators are sufficient, and are allowed on midterm exams. You may not use a laptop computer, a cell phone (or other communications device), or other electronic device during exams.

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

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

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

writing problems	20 %
homework	5 %
worksheets	5 %
midterm exams	20 % each
final exam	30 %

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.).

If you feel that an error in grading has occurred, you have **one week** after the exam or homework is returned to bring it to Dr. Conroy's attention. Please stop by his office hours to discuss it.

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 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>