# Syllabus          Math 131, Section 22          Autumn 2005

Welcome to Math 131, the first course in a year-long Calculus sequence. This quarter, we will work through limits, derivatives, and their applications.

## Instructor

Class meetings are Mondays, Wednesdays, and Fridays, 9:30–10:20A.M. in Ryerson 358.

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| **Name:** | Jim Fowler | **Office Hours:** | Monday 4:30–6:30P.M. |
| **Office:** | Math/Stat 102 | | Thursday 4:30–6:30P.M. |
| **Phone:** | 773–573–5659 | | or by appointment |
| **Email:** | jim@uchicago.edu | | |

Please do come to office hours; they are a great time to work through problems, review lectures, or just talk about mathematics.

## Tutors

Your tutor will hold a mandatory problem session Tuesdays and Thursdays, 9:00–10:20A.M.

- Brian Keto (bketo@uchicago.edu) in Eckhart 207
- Danny Rosenthal (danny@uchicago.edu) in Eckhart 308
- Sara Rezvi (arsinoe@uchicago.edu) in Wieboldt 130

You will be assigned to a tutor on Wednesday, September 28, and the first problem session will meet Thursday, September 29. If for some reason you want to switch to a different problem session, just talk to Jim Fowler.

## Text

*Calculus* by Verberg, Purcell, and Bigdon (8th Edition). This course will cover most of chapters 1–3.

## Course Website

For the most up-to-date information, visit

$$\text{http://math.uchicago.edu/\~fowler/math131/}$$

We will post announcements, homework assignments, and take-home quizzes on the website. A tentative schedule for lectures has already been posted.

## Course Requirements

There are one thousand points possible in this course, broken down as follows:

**Daily homework (100 points).** Homework will usually be assigned each class period, and due the following class period. You should work on the homework problems together, but you must write up your solutions independently. *Stay caught up on the daily homeworks!* It is tempting to fall behind, but difficult to catch up again—especially in a mathematics course.

**2 midterms (201 points each).** The midterms will be in class. The first will be on Friday, October 21 (at the end of week 4), and the second will be on Friday, November 18 (at the end of week 8).

**8 quizzes (12 points each).** Short take-home quizzes will be assigned most weeks.

**1 final exam (402 points).** The final exam will be held 8:00–10:00A.M. on Wednesday, December 7, 2005.

## Rescheduling a Midterm

Contact Jim Fowler early in the quarter if you will not be able to take a midterm on the scheduled day; we likely can accomodate you, but we will need *plenty* of time to prepare.

## Department Policy on Final Exams

*It is the policy of the Department of Mathematics that the following rules apply to final exams in all undergraduate mathematics courses:*

1. *The final exam must occur at the time and place designated on the College Final Exam Schedule.* In particular, *no* final examinations may be given during the tenth week of the quarter, except in the case of graduating seniors.

2. Any student who wishes to depart from the scheduled final exam time for the course must receive permission from Paul Sally (office is Ryerson 350, phone is 2-7388, email is `sally@math.uchicago.edu`). Instructors are not permitted to excuse students from the scheduled time of the final exam except in the cases of an Incomplete.

## Important Dates

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| **First Midterm:** | October 21, 9:30–10:20A.M. |
| **Second Midterm:** | November 18, 9:30–10:20A.M. |
| **Thanksgiving:** | November 24–25 |
| **Review Session:** | December 2, 9:30–10:20A.M. |
| **Final Exam:** | December 7, 8:00–10:00A.M. |