

Class Information for
Honors Calculus II
Math 181, Fall Semester 2005
MWF 11–11:50am, 145 Behavioral Sciences Building

Instructor: Matthias Aschenbrenner

E-mail: maschenb@math.uic.edu

Course webpage: <http://www.math.uic.edu/~maschenb>
(follow the link to Math 181; will be online later this week)

Office: 417 SEO

Office phone: (312) 413-3150

Office hours: T 3–4pm; W 11–12am; or by appointment.

Central web page: <http://www.math.uic.edu/math181> (most of the administrative information there does not pertain to us, but you may find some useful supplementary notes on this web page)

Teaching assistant: Philip Grizzard (e-mail: grizzard@math.uic.edu)

Discussion sections: TuTh 11:00–11:50am, 305 Taft Hall

MathLab: Teaching assistants for Math 181 will be available to answer students' questions every Tuesday and Thursday from 9:00am–3:50pm in the MathLab, located in 300 Taft Hall.

Required text: D. Hughes-Hallett et al., *Calculus*, 3rd or 4th ed. (I will post reading assignments and homework concurrently for the 3rd and the 4th edition.)

Calculator: Use of a graphing calculator will be an integral part of the course. I will be using the TI-83. Any graphing calculator you now own should be adequate. A program (for TI calculators) for numerical integration is available on the web.

Synopsis: The purpose of this course is to continue your study of calculus by means of problems, examples, and applications, the discussion of theoretical ideas, and the use of the calculator. Your grade will be computed from *assignments*, *quizzes*, two *hour examinations*, and a *final examination*, weighted as follows: Homeworks/quizzes: 25%. Hour exams: 20% each. Final exam: 35%.

Assignments: I will assign both *readings* and *homework* each week, to be posted on my web page. I will post the assignments for this week and the following week during the next few days. The web page and the list of assignments on it will be updated continuously—be sure to check back frequently.

Responsibilities—mine and yours: My responsibilities are to come to class prepared, respond to and encourage questions and other class participation, administer and grade (together with the TA) quizzes

homework sets and exams, be available to you during office hours and scheduled appointments, and stimulate enthusiasm for mathematics.

Your responsibilities are as follows: You are expected to complete the assigned reading in the text *before* each class. Homework problems will be collected at the beginning of each lecture; the homework will be returned in the discussion sections. Some of the assigned problems will be on material you have read, but not yet covered in class. Doing these problems *beforehand* will prepare you to get more from the lecture.

No late homework will be accepted.

Put the following information in the upper right hand corner (or as near to it as you can get using your typesetting program, if you use one) of the first page:

Your Name

Math 180, Homework for month/day.

On each additional page, put your name in the upper right-hand corner. Work single-sided, that is, write on only one side of each sheet of paper. STAPLE any homework that is more than one page long. Remove all perforation before submitting. You may use cursive handwriting if you prefer (but this usually entails extra care). You may use either pen or pencil, but special care must be taken to avoid smearing when using pencil (especially soft leads like #2) or inexpensive ball-point pens. If your handwriting is difficult to read (like mine), and you are either unwilling or unable to make it readable, then use a typewriter, a word processor, or a typesetting program. Neatness and clarity count, as you well know if you've tried to read any complicated document. If you have to cross out many words on a particular page, then you should rewrite the whole anew, cleanly and neatly.

Homework that fails to meet the above requirements may be marked "Unacceptable" and returned unread!

Quizzes: One quiz in the TA session on Tuesday each week, starting 08/30.

No makeup quizzes will be given.

Examinations: Two hour exams, given in class, dates to be announced. The final examination will be on Tuesday, 12/06/05, 8:00–10:00am, at a place to be announced.

Except in the case of emergency, students must discuss absences from hour exams or the final examination with me in advance of the exam. Students with final examinations which conflict with the Math 181 final examination are responsible for discussing a makeup examination with me no later than 11/23.

Academic integrity: Students are expected to be thoroughly familiar with the University's policy on academic integrity. (See the Undergraduate Catalog.) The University has instituted serious penalties for academic dishonesty.

Copying work to be submitted for grade, or allowing your work to be submitted for grade to be copied, is considered academic dishonesty.

Office of Disability Services: It is University policy that students with disabilities who require accommodations for access and participation in this course must be registered with the Office of Disability Services (ODS); phone number 312-413-2103 (voice) or 312-413-0123 (TTY).