

## Syllabus for Math 115, Fall 2004 Calculus

- **Text:** The text for this course is *Calculus* by R. Smith and R. Minton.
- **Instructor:** Jesse Ratzkin
  - **Office:** M423
  - **Office Hours:** Tuesdays 11:30–1:00, Wednesdays 11:00–12:00 and by appointment
  - **phone number:** 486-8391
  - **email:** ratzkin@math.uconn.edu
  - **webpage:** <http://www.math.uconn.edu/~ratzkin/teaching/m115>
- **Tentative Schedule:** I should emphasize that this is very tentative. I have listed a time span in the first column, the subject in the second column, and the appropriate sections of the text the third column.

August 30–September 3	preliminaries	0.1–0.4, 0.7
September 8–20	limits	1.1–1.6
September 22–29	intro to derivatives	2.1–2.4
October 4–6	transcendental functions	0.5–0.6
October 11–18	more on derivatives	2.5–2.9
October 20–November 1	applications of derivatives	3.1–3.8
November 3–19	integration	4.1–4.7
November 29–December 10	applications of integrals	5.1–5.4

There will be three exams in this course, including the final (which is **Monday December 13, 10:30am**). The midterm exams will be on **Friday, October 1st** and **Friday November 5th**.

Here is a list of some other dates you might want to keep in mind:

- Labor Day: September 6
  - Thanksgiving Break: November 22–26
  - Last day to drop: November 1
- **Grading:** To assign grades, I will form a weighted sum of all the grades you receive throughout the semester. The weighting will be
    - midterm exams    20% each
    - homework            25%
    - final exam            35% .
  - **Homework Policy:** I will assign homework most weeks, and grade selected problems from each assignment. You are encouraged to work together on the homework assignments, but you must each turn in solutions to the homework problems written in your own words. Most assignments will feature some problems where you must explain your reasoning; it is very important that you do so clearly, using complete sentences. I do not accept late homework.
  - **Exam Policies:** I do not allow reference materials (e.g. a page or index card of notes) during exams. I do allow calculators which cannot do symbolic computations, but they are not required.

- **ADA Statement:** The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic, learning and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any such accommodations you may require for this course.
- **General Comments:** Please ask me questions. In general, this is the best way for you to learn the material, and the best way for me to tell how well the class is following the lectures. Asking many questions makes you happier and my job easier. I also encourage you to come to my office hours, or just drop by my office. The Math Center (M119) also provides tutoring for math classes through math 116; it is open Tuesday–Sunday, noon to 10pm.

Please keep in mind that mathematics is not a spectator sport! You can only learn math by doing it, so it is imperative that you do the homework.

Good luck.