SPRING 2011 MATH 2400/2400H COURSE SYLLABUS

PETE L. CLARK

Course: Math 2400 / 2400H: Honors Calculus With Theory I
Instructor: Prof. Pete L. Clark, Ph.D.
Lectures: MWF 11:15am - 12:05pm, Th 11am-12:15pm, in Boyd 222
My Office: Boyd 502
Office Hours: MWF 12:15pm-1:15pm, and by appointment


Topics Covered: In the fall we will cover Chapters 1 through 12 of the text: foundations, limits, continuity, interval theorems, derivatives and applications.

Course grade:

3 midterm exams, for a total of 60%
homework, 15%
final exam, 25%

The three midterm exams will be announced in class, at least ten days in advance. The exams will probably be given on Thursdays, so you will have 75 minutes to complete them rather than 50 minutes. I will try to fit in two midterms exams before the October 20th withdrawal deadline.

The midterms will be cumulative, in the sense that you will always be responsible for previously learned material. (Mathematics is almost inevitably cumulative). But you can expect an emphasis on the most recent material covered, as indicated above. The final exam will be comprehensive.

Unless you are specifically told otherwise, calculators will neither be needed nor permitted on exams.

More on homework:

Homework will be due at least once a week. I may say something about when problem sets are due in class, but it is your responsibility to consult the course website and see when and what homework is due.

For many of the problems in this course, even once you have the solution you will find the task of writing it up to be challenging. I ask that you take this task seriously: there is a lot to learn here. (In mathematics your brilliant ideas are worth much less if people have to work twice as hard to understand what you’re saying.) When the problem requires any words at all – as they usually will – your default writing style should be in complete English sentences,
interspersed with mathematical expressions as needed. I invite you to collaborate on homework problems with your classmates and also to discuss them with me. In all cases though your final written work should be entirely your own: even if the actual solution of the problem was a complete team effort (again, that’s more than okay with me, although you should exert some responsibility and introspection about what it means to be a good team member), your writeup should not be identical to anyone else’s.

Some problems will be designated as Extra Credit. These are (in my subjective opinion) more challenging and more interesting. At least for now I am planning on grading these problems myself, and you can turn in the solution to any extra credit problem at any time during the semester.

Late work and makeup policy: Late homework will not be accepted. Rather, some number of homeworks will be dropped. Similarly, there will be no makeup midterm exams given. Students may be excused from midterms for grave medical conditions and family tragedies. If you discover that you will not be able to attend a midterm, please contact me by email as soon as possible. If you are excused from a midterm, your midterm score computed as the average of two midterm exams (i.e., 30% each) rather than three (i.e., 20% each).

Attendance Policy: The official attendance policy of the university states: Students are expected to attend classes regularly. A student who incurs an excessive number of absences may be withdrawn from a class at the discretion of a professor.

C.f.: http://bulletin.uga.edu/bulletin/ind/attendance.html

In this course we interpret “excessive” to mean four or more unexcused absences.

The Semester Withdrawal Deadline is Thursday, October 20. Note that students can still be withdrawn by the instructor after this deadline, but they must necessarily receive a grade of WF.\(^1\) If you wish to withdraw from the course and receive a WP, please contact me before Thursday, October 20.

The Mandatorium: I have been informed that all UGA course syllabi must contain the following paragraphs:

As a University of Georgia student, you have agreed to abide by the University’s academic honesty policy, A Culture of Honesty, and the Student Honor Code. All academic work must meet the standards described in A Culture of Honesty found at: www.uga.edu/honesty. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

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\(^1\)When I first wrote this on a course syllabus it sounded rather hypothetical. But it happened in an undergraduate course I taught in Spring 2011! Don’t let it happen to you...