

Math 233H-01: Honors Multivariate Calculus, Spring 2015
Mondays & Wednesdays, 2:30-3:45P, LGRT 202

Professor: Rob Kusner, LGRT 1435G (Office [54]5-6022) & LGRT 1535 (Ye Olde GANG Lab [54]5-4605)

- e-mail: profkusner@gmail.com
- website: www.gang.umass.edu/~kusner/class/classes.html
- office hours: Wed 1-2:30P (by appointment) and right after class.
- extra session: Wed 6-8P in LGRT 1322 (for quizzes, exams, review, etc.)

The text, *Calculus: Early Transcendentals (7-th Edition)* by James Stewart (paperback version for University of Massachusetts-Amherst, Brooks/Cole Cengage Learning, 2012), is the one used by other sections (as well as earlier calculus courses). This should allow flexibility (and conserve resources). We shall cover most of the topics in chapters 12 through 16.

A topics list and schedule will be shared by email and also on my ASCII webpage www.gang.umass.edu/~kusner/class/233hw which may evolve and need to be updated weekly. There you will find what homework is due when, as well as free hints and advice.

Class attendance is **expected**. Besides the value of class participation, there may be a few in-class quizzes which you won't want to miss!

Study for this course at least **9** hours per week, going over your notes (soon after class) with pen in hand, checking our calculations. Read the suggested problems in the book first, think about them as you read the text, then do these problems. Repeat this process. Repeat this process. Repeat this....

There will be midterm exams at 6P on Wednesday **18 February** and (a week later than planned - no foolin'!) **8 April**; our comprehensive final exam will be at 8A on **5 May** in our classroom (LGRT 202).

Meeting deadlines is essential. Homework will be assigned weekly in class and from the text. It will normally be collected on Wednesdays. No late homework will be accepted, and there are no "make-up" quizzes, but a few homework or quiz scores will be disregarded, so do not panic about missing an assignment here or there.

Absence from an exam (mid-term or final) is not excusable except under extreme circumstances; such absence makes life difficult for everyone.

Grading will be based in roughly equal parts on the homework and quizzes, on the midterms, and on the comprehensive final exam.