

Course Syllabus for MA 213, 001-002 - Spring 2011

Calculus III 4 hrs. credit Prerequisite: MA 114 or equivalent

Lecture: MWF 10:00-10:50 a.m. CB 349

Lecturer: Dr. Lawrence Harris 939 POT Office Hours: MWF 2-3

Recitation for section 001 Tues. Thurs. 8:00-8:50 CB 349
for section 002 Tues. Thurs. 9:30-10:20 CB 349

Instructor: Mr. Aaron Saxton 706 POT Office hours: TWR 11-12
email: aaron.saxton@uky.edu

Text: *Calculus, Early Transcendentals*, Sixth Edition (Custom Edition for UK), James Stewart, ISBN: 0-495-56339-0

We will cover Chapters 12-15 and the first five sections of Chapter 16. This is calculus in several variables including vector geometry, motion along a curve, higher dimensional derivatives, calculus for surfaces, multiple integrals, line integrals and vector field theory.

The course grade will be computed (with 90–100% A, 80–89% B, 70–79% C, 60–69% D, 0–59% E) on the basis of 525 points earned as follows:

3 in-class exams	100 points each
quizzes and homework	100 points
1 final exam	125 points

The “in-class” exams will be given in class on Wednesday, Feb. 9, Friday, March 4 and Monday April 11. The final exam is comprehensive and will be held on Thursday, May 5, from 8:00-10:00 a.m. in our classroom. Students may use a graphing calculator on exams but may not use any machine with the ability to do symbolic computations such as the TI-89, TI-92, HP48 or a laptop. Moreover, any device capable of electronic communication such as a cell phone must be turned off and put away out of sight during all examinations. During regular class periods cell phones must be turned off and laptops may not be used.

Homework assignments are posted at <http://www.ms.uky.edu/~larry/ma213.html> Homework will be collected and each week a quiz will be given in your recitation section. Homework and Quizzes will each count 50% of your recitation grade. To receive credit, homework solutions must be written out neatly and handed in at the beginning of class on the date due. Homework solutions are to be done without collaboration or copying of solutions. At the end of the semester, your lowest quiz and lowest homework score will be dropped.

Attendance in lecture and recitation is expected. A student will receive an additional 20 points extra credit added to their score at the end of the semester if the number of lectures for which the student is not present during the entire class period is no greater than three. For this extra credit, absences will be counted even if they are excused absences.

You are required to present FULL documentation that any makeups you request are required by University rules.