

Ma 213 Calculus III

Spring 2008

Course Text: Calculus 5th edition by James Stewart

Prerequisite: Ma 114 or its equivalent

In this course we normally cover chapters 13-16 and then about half of chapter 17 *Vector Calculus* (up to 17.5). (However, with a good class it is possible to finish almost all of chapter 17; ie., Stokes theorem, Divergence theorem). This means that to cover the material you should cover (more or less) a section a day. This allows time for two or three in class tests along with classes for reviewing.

In a large section of Ma 213 some instructors may use some version of online homework. Others may prefer to use periodic quizzes. There is also the possibility of having the students hand in written assignments from time to time and/or give presentations in the recitation sections.

Each instructor decides how grades will be assigned. Typically this means assigning a certain percentage to the test grades, to the grade on the final, and then to the homework, quizzes/presentations. A sample distribution would be 60 percent for the tests, 20 percent for the final, and 20 percent for the homework, quizzes and presentations. Instructors may also wish to consider an attendance policy. One possibility is to require a sliding scale in the recitation sections so that if a student misses 5 [inexcusable] classes their cumulative score drops by 10%, eg., from A to B; missing 6 classes means a drop of 15%, etc.

Course Coordinator: Richard Carey 965 POT, carey@ms.uky.edu 257-3745

Math 213 Calculus III

Spring 2008

§3, 4 Lecture MWF 1:00 - 1:50 pm CB 349

§3 Recitation TR 2:00 - 2:50 pm CB 349 (F. Camacho)

§4 Recitation TR 3:30 - 4:20 pm CB 349 (F. Camacho)

Professor Margaret Readdy

825 Patterson Office Tower

phone: 257-4680

readdy@ms.uky.edu

Office Hours: To be announced

<http://www.ms.uky.edu/readdy/214/>

- Prerequisite: The prerequisite for this course is Math 114 Calculus II.
- Text: Marsden and Tromba, *Vector Calculus*, 5th edition
- Material: With the exception of a few sections, I plan to cover the entire textbook.
- Teaching Asst: Mr. Fernando Camacho (§3 and 4)
702 Patterson Office Tower
phone 257-6804
e-mail: fercamacho@ms.uky.edu
Office Hours: To be announced
- Exams : There will be two exams held during the semester. They will be on Friday, February 15,
- Final Exam: Wednesday, April 30, 2008
1:00 - 3:00 pm
The final exam is cumulative.
- Homework: Homework will be assigned and starred problems will be graded. You are expected to complete all of the homework problems, as well as to read and understand the material from the text and lectures.
- Quizzes: A short quiz will be given during the last ten minutes of each Friday lecture, except during exam weeks. This will cover material from the previous week's Wednesday and Friday lectures, as well as the current week's Monday lecture.
- Attendance: Students are expected to attend all of the lectures. Poor attendance will have a negative affect on your grade.
- Grading: Each component of your coursework (quizzes, homework, exam 1, exam 2, final)

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