Math 222: Calculus II
Fall 2007

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MTRF 3–3:50 PM
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Course Description. This is the second course in a three-course sequence (221,222,323) of elementary calculus. We will cover most of chapters 6-11 in Stewart. The major topics covered include applications of integration, techniques of integration, infinite series, parametric equations and differential equations.

Course Objectives. This course is intended to develop proficiency in the essential techniques of calculus; to develop the abilities to apply these techniques and concepts to real-world problems; to improve overall critical thinking and problem solving abilities; to learn to communicate mathematics both in writing and orally; and to learn how to use the software package DERIVE.


Graphing Calculators. Graphing calculators may be used in this course, but are not required. Calculators with computer algebra systems, such as the TI-89 and the TI-92, are not allowed.

Computers. Students are required/encouraged to use DERIVE, a computer algebra system, when appropriate on homework assignments, quizzes and exams. On occasion, DERIVE will be used during class. Computer use during class is prohibited except when instructed to do so by the instructor. Unauthorized use of the computer during class will result in a 5 point deduction from the next exam. **This is the only warning.**

Office Hours. I will be in my office MF 1–3 PM, TR 2–3 PM and 4–5 PM, and W noon–2 PM; additional times can be arranged by appointment.

Exams. There will be four in-class exams, worth 100 points each. Exam dates will be announced at least two weeks in advance. There will be a 150 point cumulative **final exam given Monday, December 17 at 2:45 PM.**
Quizzes and Projects. There will be a minimum of twelve 10-point quizzes and projects; the highest ten scores will count towards your grade. Generally, quizzes will be given during weeks we do not have an exam; projects will be assigned for completion outside of class.

Homework. Exercises will be assigned to accompany the material covered in class. Homework will not be collected; however, you may see similar problems on the tests and quizzes. Completion of the assignments is essential to success in this class.

Attendance. You are responsible for any information (including announcements) that you miss. The course website will have up-to-date information; please check there before contacting me. Arriving late or leaving early, reading the newspaper, text-messaging, etc. disrupts the class and is rude and unprofessional.

Course Grades. Your grade in the course will be based on the 650 points described above. The class will be graded on a ten point scale; pluses and minuses will be influenced by such factors as attendance and participation.

Make-up Policy. An opportunity to make up missed work will only be granted in the event of a documented emergency or illness. If you anticipate a conflict with an announced exam, speak with me before the scheduled date.

Extra Credit. There will be no extra credit assignments.

Academic Honesty. Cheating will not be tolerated. We will follow the University’s honor code, which reads “I will neither give nor receive unauthorized aid nor will I tolerate an environment which condones the use of unauthorized aid.” Collaboration on homework assignments and projects is encouraged; note that work to be submitted for a grade should be your own and not copied from a fellow student.

Students with Disabilities. It is the policy and practice of the University to make reasonable accommodations for students with properly documented disabilities. Written notification to faculty from the Office of Counseling and Health Education is required for any academic accommodations. If you are eligible to receive an accommodation and would like to request it for this course, please discuss it with me and allow two weeks notice. If you have questions about services for students with disabilities or procedures for requesting services, you may contact the Office of Counseling and Health Education at 488-2663.

Disclaimer. I reserve the right to change the dates and policies outlined above at my discretion. Any changes will be announced well in advance.