Calculus I 1351, TTh 9:30-11

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Description of the course: The course will teach the concepts of limits, continuity, and differentiation, and give a brief introduction to integration. The goal is to give students the mathematical background for applied sciences and for more advanced mathematics courses.

Learning outcomes: Students should learn how to differentiate and integrate, and how to apply their calculus skills to real world problems. The students should come to the point where they know how to differentiate any elementary function, and how to use differential calculus to recognize the basic features of the graph of a function and to detect maxima and minima. In addition, students should become familiar with some basic limits and integrals.

Assessment of learning outcomes: There will be 3 midterm exams, each worth 11% of the final grade, a final comprehensive worth 33% of the final grade, and quizzes of a total value of 33% of the final grade. Homework will be assigned, but not collected. Quizzes will be given periodically over the problems in the homework. The lowest two quiz grades will be dropped. No make up will be given for the quizzes. Attendance is mandatory, and will be taken into account when evaluating student’s performance.

How to study? First, you should read the classroom notes. Second, you should read the textbook, trying to solve by yourself the detailed examples from the book, then look at how they are solved there. Do the homework regularly. If you have any questions, past or present, ask them in class. Listen to teacher’s explanation carefully. If this all fails, come and ask for help and advice during the office hours.

Other matters:
1. "If you cannot take a certain test, please announce the instructor at least three days in advance. After the test, only medical excuses will be accepted. However, there is one exception. Texas House Bill 256 requires institutions of higher education to excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day. The student shall also be excused for time necessary to travel. An institution may not penalize the student for the absence and allows for the student to take an
exam or complete an assignment from which the student is excused.” No prior notification of the instructor is required, but is encouraged.

2. “Any student who, because of disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor’s office hours. Please note that instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, you may contact the Student Disability Services office at 335 West Hall or 806-742-2405.”