GMU Department of Mathematical Sciences
Math 113: Calculus I, Spring 2011
Lectures TR 12:30 pm – 2:20 pm ST I, room 129
Recitations: W, times vary

Instructor: <u>Prof. Maria Emelianenko</u>

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Office: Room 226A, Science and Tech I

Office Hours: TR 4-5pm and by appt

Text: Calculus: Early Transcendentals, by Briggs and Cochran, 2011.

Website: Main course website `http://math.gmu.edu/~memelian/teaching/Spring11/math113` and Blackboard website `http://gmu.blackboard.com`. Please check both sites frequently for updates and announcements.

Calculators: Calculators may be used (but are not required) on homework assignments. Calculators are not allowed for quizzes or exams.

Examinations: There will be three 75-minute in-class midterm examinations. The comprehensive final exam will be given during the finals week. Students should not make arrangements to leave campus before the end of the finals period. No make-up exams will be given.

Grades: Grades will be assigned according to the percent system given below:

    15% midterm examination I   **Thur. Feb. 17**

    15% midterm examination II   **Thur. March 24**

    15% midterm examination III   **Thur. April 21**

    25% final examination   **Thurs. May 12, 1:30 pm - 4:15 pm**

    20% quizzes (during recitations)

    10% participation and i>clicker activities

    There will be an option of dropping one lowest midterm score, in which case 45% of the grade related to midterms will be split between the other two midterm scores.

Homework and quizzes: Reading assignments and selected homework problems will follow our main text and will be available on MyMathLab. Access to this software is at an additional cost above the textbook cost and so is not required. However, those that do purchase this will have access to online practice homework, quizzes and exams. If you do purchase the software, then once you register it, you can enroll in the course using Course ID: emelianenko37078.

    Homework assignments will be mostly analytical and will contain problems from the textbook as well as other exercises. Occasional MATLAB-based computational assignments will be given to enhance understanding of the context and application areas. Completing homework assignments is essential for gaining a good grade in the course. Solutions to homework problems will be discussed in class on the day they are due. It is students' responsibility to allow for enough time during the week to work on the homework problems and review the solution sets. Quizzes will be given every week during recitation sessions to test the knowledge of the material. Two lowest quizzes will be dropped.

Participation: Students will be expected to actively participate in classroom discussions and take part in online activities. You must have your registered i>clicker with you at all lectures in order to answer the in class questions. You must have come to class at least once and voted on at least one question in order to complete the registration properly. Several mandatory surveys and learning modules/quizzes will be given at the Blackboard website during the course of the semester.

Academic Policies

All GMU policies regarding ethics and honorable behavior apply to this course. If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703/993-2474. All academic accommodations must be arranged through that office.