

MATH 1910-005 CALCULUS I, FALL 2015

Instructor: Professor Jerry Goldstein

Class Time: Tue-Thur 2:40-4:05 PM, and Wed 2:20 – either 3:15 or 3:45, in 123 Dunn Hall

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Office Hours: Tue & Thur 1:30 AM – 2:30 PM

Graduate Assistant: Mariusz Zyluk, 313 Dunn Hall, Office hours: Mon & Wed 3:00-4:00 PM; mzyluk@memphis.edu

Text: *Calculus, Early Transcendentals* (8th edition) by James Stewart, Cengage Learning, 2015. (ISBN 978-1-285-74155-0)

Course Content: Roughly Chapters 1 through 5 will be covered. A few topics will be omitted, and a few others will be added. This will be made clear in the lectures, which should be attended religiously.

Grades: There will be four tests in addition to the final exam. At the end of the semester you will be allowed to drop your lowest test grade. No makeup exams will be given. If you miss one exam, it will count as a zero (which you may drop). If you miss two exams, one will count as a zero. The three hour exams (which count) will count as 54% of your final grade. The final exam is comprehensive and is worth 36% of your final grade. Performance on homework will determine 10% of your course grade. Webassign may be used, but it is not required. If you choose not to use it, homework should be turned in, and a few of the homework problems will be graded each week. There will be no quizzes. The plus minus system will be used in assigning grades. Thus, for instance, C+, C, and C- will all be possible grades.

More on Homework: Homework will be assigned regularly and should be done consistently. The text should be read carefully. The material in Chapter 1 is considered as prerequisite for the course. So this material should be familiar to you by now. We will review topics in Chapter 1 as they are needed; we will start with Chapter 2.

The TI-83 calculator (or any other calculator) can be a helpful tool. But you will be examined and graded on your understanding of calculus, not on your proficiency with calculators. Tutoring is available at the Educational Support Program (ESP) in room 143 Dunn Hall, and in other locations. The Peer Power Foundation has created a new option for this semester. The University is employing 6 students, called "Success Coaches", to provide small group tutoring to "teams" of at most 10 students. Each student will teach five two-hour sessions per week starting in the second week. Sessions will be problem driven with students doing the bulk of the work. Students may sign up for the sessions on a first come first served basis starting at 7 am on Wednesday by visiting the following URL <https://tinyurl.com/1910PPSCFall15>. You may or may not choose to participate in this.