MATH 1210-1: Calculus I
Spring 2014

Instructor: Yuchen Zhang (yzhang@math.utah.edu)

Meeting Time: Monday, Wednesday, Friday, 9:40-10:30 am in WEB L112 and Tuesday, 9:40-10:30 am in WEB L110

Office Hours: Wednesday and Thursday, 2:00-3:00 pm in JWB 328 or by appointment

Course Webpage: http://www.math.utah.edu/~yzhang/teaching/1210

Textbook: Calculus, by Varberg, Purcell and Rigdon (ninth edition). Our aim is to cover Chapters 0-5 in the textbook. We don’t need the textbook in the lecture, since I will print everything needed. But it’s good for you to have one for the homework, when you do the review by yourself or if you’re going to take further calculus classes.

Prerequisite: “C” or better in MATH 1050 AND MATH 1060 OR Math ACT score of at least 28 OR Math SAT score of at least 630 OR AP Calculus AB score of at least 3 Fulfills Quantitative Reasoning (Math & Stat/Logic).

Homework: Homework problems are assigned via WeBWork


You should have received the email telling you the username and the password. The homework is assigned weekly which will open at 11am every Wednesday and due at 6pm next Wednesday. You have to learn how to use the WeBWork system, so the first homework is designed to help you doing so. There is a list of functions that can be recognized by WeBWork, here is the list: http://webwork.maa.org/wiki/Available_Functions.

Quizzes: There will be a 10-minute closed book quiz every Friday on the material covered by the previous homework due on Wednesday. The problems will look similar to the homework with only some number changes. No make-up quizzes will be given, but the lowest two quiz grades will be dropped at the end of the semester.

Midterms: Students will have 2 closed book midterms (50 minutes each). The dates are on the course webpage. Absence from an exam will be excused only if the student can provide verifiable and convincing evidence that he/she has a significant illness or serious family crisis that will prevent him/her from attending. Except under extremely unusual circumstances, the student must inform the instructor in advance of the missed test. The student is expected to promptly make arrangements with the instructor to make up the test.

Final Exam: The comprehensive final exam will be held on Thursday, April 24th, 2014 8:00-10:00am in WEB L112. NO make-up will be given.
Grading Policy: Your grade will be based on:
- Homework 40%
- Quizzes 20%
- Midterms 20% (10% each)
- Final exam 20%

You may check your grades and the class averages of quizzes and tests on Canvas (find Math1210-1 from “my classes” section in CIS then click “go to this class”). The total grade of this course will be curved based only on your standing in the class. The proportion of students who will get an “A” will be no less than 20%.

Calculators: Quizzes and tests are designed so that the use of calculators is not necessary. No calculators will be allowed on quizzed and tests. But you may need a basic calculator for some homework problems.

ADA Statement: The Americans with Disability Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic learning and psychiatric disabilities. The student needs to have such a disability approved by the Disability Service Office (162 UNION, 581-5020) in order to have the accommodations provided. The instructor need to be informed about such a disability and approved accommodations at the beginning of the semester.

Withdrawals: Students may withdraw from the class without consulting anyone until February 28th 2014 (Friday). If a student withdraws before January 15th 2012 (Wednesday) there will not be any tuition penalty.

Tutoring: The Rushing Math Center offers free drop-in tutoring, a computer lab, and study areas for undergraduates. You may ask the tutor to help you doing the homework. The Rushing Student Center is in the basement adjacent to the LCB and JWB. The hours for the Spring semester are: 8:00 am-8:00 pm Monday through Thursday and 8:00 am-6:00 pm on Friday. The tutoring center will open from the second week of classes.

Keys to Success: 1210 is an important course because it is a prerequisite for a sequence of calculus-related courses offered by the math department. Here are some tips to succeed:

1. Attend class and take notes. Engaging yourself in the classroom is an important part of learning the material we cover.
2. In this course, we will recall many materials introduced in 1050 and 1060. Be sure you are familiar with these things. If not, go review the corresponding section of previous course immediately after you face the problem.
3. Struggling? Get help sooner rather than later. There are many resources available to you (such as office hours, Supplemental Instruction, and the tutoring center). You should take advantage of them, especially if you find yourself struggling.