

235 CLASS POLICY, SECTIONS 03 AND 05

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Welcome to Math 235! Section 03 will meet MWF in Burruss 130 from 9:05-9:55 for lectures and Thursdays in Burruss 032 from 9:30-10:45 for quiz/problem day. Section 05 will meet MWF in Burruss 130 from 10:10-11:00 for lectures and Thursdays in Burruss 033 from 2:00-3:15 for quiz/problem day. We will be using the book *Calculus, One and Several Variables, Eighth Edition* by Salas, Hille, and Etgen. A graphing calculator is required for this course (the TI-83 and HP-48 are recommended; see “Calculators” below for more information).

This rest of this handout describes the grading scheme, homework policy, and general structure of the course. Please read it carefully; I know it’s rather long, but you’ll have a very good idea of what I expect from you (and what you should expect from me) if you read it all. Be sure to also read the FAQ and take a good look at the syllabus.

Grades

Your grade for this course will be primarily determined by your performance on quizzes, tests, and the final exam. There may be a small number of attendance quizzes or short hand-in assignments. I expect the distribution of points to be approximately as follows:

Attendance Quizzes	10	×	2 pts	20 total pts	3 %
Assignments	2	×	10 pts	20 total pts	3 %
Weekly Quizzes	11	×	20 pts	220 total pts	29 %
Tests	3	×	100 pts	300 total pts	39 %
Final Exam	1	×	200 pts	200 total pts	26 %
TOTAL				760 total pts	100 %

Actual number of attendance quizzes and assignments (and thus points) may differ from those given above. Bonus points can be earned by completion of cheat sheets (see below). When calculating your grade I may also consider your performance throughout the course (for example, whether it improved or got worse) and your participation in class and in the group discussion sessions.

Calculators

A graphing calculator is required for this course. I recommend the TI-83 or the HP-48. The TI-82 and TI-85 should also be sufficient. The TI-89 and TI-92 are overkill for this course. Among other things, they can symbolically differentiate and integrate; therefore they will not be allowed on most quizzes and tests (so I obviously don’t recommend them). A number of homework problems (marked with a “C” triangle in the book) require a calculator that can graph functions (including piecewise-defined functions) and approximate zeros, extrema, tangents, and areas associated to those functions; make sure that your calculator can do these things. Calculators will be required for some quizzes and banned for others. Tests may be split into calculator and non-calculator parts. In general, you should only

use your calculator to check your answers or when specifically called for. For example, if I ask you to find the zeros of a function on a quiz or exam, you will not get any points for finding them with your calculator unless the problem specifically requests that you use a calculator. However, once you've found the zeros algebraically you could always check your answer using your calculator. See me if you have any questions about your calculator and if it will be adequate for the course. Please also see me as soon as possible if your only calculator is a TI-89 or a TI-92.

Attendance Quizzes and Absences

It is imperative that you come to class each day and take careful notes. I will take random two-point "attendance quizzes" throughout the semester to keep track of who is attending class; these quizzes cannot be made up for any reason. If you do miss class it is your responsibility to find out (from a classmate) what you missed, including class notes, announcements, and handouts. Absences from tests and quizzes will be excused only for reasons such as serious illness or official university activities, and will require my permission in advance. Look at the test and quiz days (and the day of the final exam) on the syllabus now; if you know you will have to be absent one of those days, please tell me as soon as possible. If you miss a quiz or test and have not worked it out with me in advance, it is imperative that you contact me immediately, calling me over and over in a complete panic, until you reach me.

Homework

I will not collect homework, although your understanding of it will be tested in each weekly quiz and each test. Depending on your understanding of the material, you may need to do more problems or less problems than are on the homework syllabus. The problems on the homework syllabus represent the concepts that I want you to understand and skills that I want you to have for each section. However, there may sometimes be material discussed in lectures or in the reading that is not represented in the homework; that material is also fair game for the tests and the final exam. Starred problems in the syllabus will not appear on the homework quizzes, but may appear on the tests or the final exam (see "Starred Problems" below). It is your responsibility to seek help on all problems that you cannot do. Help is available before or after class, from your study group, in the CSM Learning Center, during the Thursday class session, during my office hours, or by appointment with me (walk-ins okay most of the time). I will not discuss homework problems in class (except, of course, on Thursdays).

Short Assignments

I may or may not give you a couple of short assignments during the semester. If I do give you these assignments they will be worth 10 points each.

Weekly Quizzes

There will be a 20 point, 20 minute homework quiz at the beginning of each Thursday class (except for the weeks where tests occur). The quiz will usually cover the homework, lecture, and reading from the Wednesday and Friday of the previous week, and the Monday of the current week; see the syllabus for more information. Starred problems will not be on these homework quizzes, although they are fair game for tests and the final exam. Keep in mind that five of these homework quizzes are worth as much as a test!

Groups

By the second week I expect you to form semi-permanent study groups for the course. We may or may not switch study groups sometime during the semester. Each study group should consist of four people (if necessary, we may have a group or two with three people). You will work with these groups

during the Thursday class session, and hopefully you will also work with them outside of class. If you have a problem with your study group, please see me and we will work out the problem as quickly and discretely as possible.

Starred Problems

Some of the homework problems in the syllabus have stars preceding them. These problems are starred either because they are more difficult, more conceptual, or more suited to a group work setting. Each Thursday class will begin with a quiz on the non-starred questions from the homework. After the quiz, you will get into your study groups and discuss the starred problems from those sections. There will not be enough time to do all the starred problems for the week from scratch during the Thursday class. Therefore I strongly recommend that you start the starred problems in advance, either singly or in your study groups. I may ask people to present some of the starred problems to the class during this group work session, so come as prepared as you can be. If it appears that people are not working at all on the starred problems before Thursday's class, I may start including them on the quizzes. There are three weeks in the semester where you will need to work outside of class to do the starred problems (the weeks of the tests won't have a Thursday problem session, but the starred problems will still be fair game for the tests; see the syllabus).

Tests

There will be three full tests in this course, each taking an entire Thursday class period. Please see "Absences" above for related information. Tests will include problems from the homework (including starred problems), material from the lectures and the reading, and problems that you have never seen before that combine or use the material in new ways. See the FAQ for more information.

Cheat Sheets

I do not allow the use of "cheat sheets" during the exams. However, I encourage you to make a one-page, two-sided "cheat sheet" for each test. I will collect these cheat sheets (before each test, of course). You can earn up to three bonus points for handing in a complete cheat sheet.

The Final

The final exam for this course is a two-hour comprehensive exam that will take place during finals week (see the syllabus for specific date and time). Your grade can be significantly improved (or, um, not) by your performance on the final exam.

Getting Help

I strongly suggest that you visit the College of Science and Math Learning Center if you would like extra help. They will help you with any mathematical concepts you are having trouble with (although they won't do your homework for you). See the CSM Learning Center handout for more information. I also recommend meeting regularly with your study groups to work on homework problems (starred or not) and discuss the concepts and definitions. You can also get help by seeing me during my office hours, which at least for the beginning of the semester will be 12:15 to 1:15 on Monday, Wednesday, and Friday (I'll probably change and/or extend these hours after a couple of weeks). Feel free to stop by my office any time, and I'll be happy to talk to you. You may want to stop by with a friend or with your study group if you have the same questions. Don't hesitate to email or call me if you have a problem or question. If you leave me a phone message and I don't respond promptly, please call me again. You can call me at home if you can't reach me by email or in my office and you have a question or problem you need solved right away.