

How to get good grades for this course

1. How to prepare for quizzes: quiz problems are similar to homework problems, or to the examples taught in class. The goal is to make sure you practice the basic problems.

2. How to prepare for midterms: part of the midterm problems are base on quiz problems / homework problems / problems taught in class. Before each midterm I'll let you know what types of problems gonna appear in the exam.

3. How to prepare for the final: The final exam has four different parts:

(1) Simple choice questions. There will be a pool of practice problems, please review those problems.

(2) Multiple choice questions. This part will test if you really understand the concepts you learned from this course. To prepare for this part, make sure you understand the ideas taught in class / review the theorems and properties in the textbook. I won't test on things not covered in my lectures.

(3) One or two problems appeared in the previous midterms. So make sure you review all the midterm problems before taking the final exam.

(4) Calculation problems. I'll let you know what types of problems gonna appear in this part when I do the final review.

4. Make sure you turned in all homework assignments to receive full credits.

5. Attend computer classes for extra credits.

Study guide

1. Quickly preview the course notes to grasp the basic ideas before each chapter starts.

2. Attend lectures + read textbooks. (You only need to read what is covered in my lectures.) If you're confused by my lectures, you can still make appointment with me, and I'll find time to clarify things you get stuck.

3. Attend computer classes: We'll do some math experiments using wolfram alpha.

4. Practice: Go through at least all homework problems. If time permits, you may do a few more problems in the textbook. Use wolfram alpha to help you check answers.

5. Use other resources as well:

* Math tutoring center.

* Google / stack exchange.

* Online videos / courses (like MIT OpenCourseWare). The lecture videos by our course coordinator, Kelly MacArthur, may be useful to you.

Link: <http://www.math.utah.edu/lectures/math1220.html>