

Math 1B-4

Robertson Bayer, UC Berkeley

Summer 2008

The Basics We will meet from 12:10-2 M-F in 71 Evans. For reasons unknown, the University divides the course into a lecture and discussion component; no such distinction will be made in practice, though we will take a 10 minute break sometime near the middle of each class. Instead, we will be flipping back and forth between lecture, group work, and example problems throughout the entire class period.

Website The course syllabus, calendar, quiz solutions, worksheets, handouts, and misc. other goodies can be found at math.berkeley.edu/~rbayer

Office Hours Tuesdays 2-3, Wednesdays 10-11, and Thursdays 10-11 in 832 Evans, or feel free to talk to me after class and/or email me at rbayer@math.berkeley.edu

Grading Dates and relevant sections for quizzes, homeworks, and midterms can all be found on the course website.

- **Homework (15%):** Homework will be due **at the start of class** most Tuesdays and Thursdays. While I strongly encourage you to do all the assigned problems, you need only hand in the ones with a *. You must show your work and your lowest two homework grades will be dropped.
- **Quizzes (15%):** Quizzes will be given most Wednesdays and Fridays, and will be based off the homeworks from the relevant sections. Your lowest two quiz grades will be dropped.
- **Midterms (40%):** Your better midterm will be counted 25%, with the other one counting 15%. Both midterms will be in-class and you will have the full 2 hours to complete them, though I do not anticipate you needing the full time. You should, however, expect the midterms to be more difficult than the quizzes.
- **Final (30%):** The final will be 2 hours, in class, on August 15th and will cover the entire course, with an emphasis on the material covered after the second midterm.

Make-Up Exams, Quizzes, and Homeworks There will be no makeup opportunities for any portion of this class and late homework will not be accepted. Since you get to drop your lowest two quizzes and homeworks, missing these will not be a big deal. If you miss the 1st midterm, your second will count for the full 40%. If you miss the second midterm, the first will count for 25% and the final will count for 45%. Missing both midterms or the final would be a Bad Idea.

Special Arrangements If you have special testing arrangement through the DSP, please come talk to me as soon as possible. At the very least, I need at least one week in order to set up alternate arrangements.

Collaboration You are free to work in groups on any of the homework sets, and I strongly encourage you to form study groups to help learn the material. However, you **must** write up the homework solutions on your own and no collaboration of any kind is allowed on any of the quizzes or exams.

Cheat Sheets and Calculators No cheat sheets or calculators are allowed on any of the exams or quizzes. However, I will provide you with whatever formulas I think might be useful but don't think are worth wasting the time memorizing. These formula sheets will be available online before the relevant exam.

Some General Advice

- Math is **not** a spectator sport. While coming to class and taking good notes is important, there is truly no substitute for rolling up your sleeves and doing some problems.
- This class moves fast. Since we are compressing a 15 week course into 8 weeks, falling behind for even a day can be very dangerous. Also, while most of the material is in the book, it is **not** my goal to simply copy the textbook onto the blackboard so I highly recommend keeping up with the lecture materials in addition to the textbook.
- Come see me! If there's something you don't quite understand, or if you just want an alternate perspective on some topic, please, please, please come to office hours or drop me an email.