

Instructor: Carolyn Abbott

Office: 735 Evans

Office hours: Tuesdays 9:45-11:45 and Wednesdays 11-12

Email: c_abbott@math.berkeley.edu

My website: www.math.berkeley.edu/~c_abbott

Lectures: Lecture is held Tuesdays and Thursdays from 8-9:30. There will be reading assigned for each lecture. The assigned reading for a given week will be posted on my website by midnight on Thursday of the previous week. You should come to lecture having read the assigned material. I will not write every definition or theorem on the board during lecture; rather, class time will be used for discussion, examples, and problem solving. You are responsible for all material in the assigned readings. I expect you to attend and participate in lecture.

GSI: There is a GSI for all the Math 113 sections. The GSI will hold drop-in office hours on a regular basis for you to go and get help on problems or answers to general questions about the material. The GSI for Math 113 is Tao Su.

GSI Website: https://math.berkeley.edu/~taosu/113_2018S

GSI Location: 940 Evans

GSI Office hours: Monday – Friday 5-7 pm (subject to change; please check above website to confirm times)

Text: The textbook for this course is A First Course in Abstract Algebra by John B. Fraleigh, 7th edition, Addison-Wellesley. We will cover most of the material from chapters I-V. I strongly recommend that you obtain a physical, not an electronic, copy of the book. You may find it useful to bring the textbook to lecture so you can refer to it.

Homework: Homework will be assigned weekly. Assignments will be posted on the course web page no later than midnight on Thursday and will be due at *the beginning of lecture* on the following Thursday. Two to three problems will be graded on each assignment.

Late homework will not be accepted under any circumstances. If you are late to class on Thursday, your homework will be late and will not be graded. In the case of extended illness, you must contact me as soon as possible. If you know you will miss a Thursday lecture, you must arrange to turn your homework in ahead of time.

You are encouraged to discuss the homework assignments with your classmates, but you must write up the solutions *entirely* on your own. That is, your assignment should be your own work, written in your own words (i.e., by yourself without consulting someone else's solution). Plagiarism and copying (from other students, the

internet, etc.) are not tolerated under any circumstances. See the course website for a more detailed discussion of homework assignments.

Solutions to each homework assignment will be posted on the course webpage shortly after the assignment is turned in.

Exams and quizzes: There will be two 30-minute scheduled quizzes (in class), one in-class midterm, and a final exam. See below for dates.

Grading Scheme:

Homework: 10%

Quizzes: 10% each

Midterm exam: 30%

Final exam: 40%

Important Dates:

- Quiz 1: Tuesday, February 13
- Deadline to drop this class: Friday, February 16
- Midterm exam: Tuesday, March 13
- Quiz 2: Thursday, April 19
- Final exam: Thursday, May 10, 7-10 pm (according to the Final Exam Group Guidelines)

General policies: If you are a DSP student requiring special accommodations, or if you have extracurricular activities that may conflict with this course, see the course webpage and contact me ASAP (now or early next week).