

Math 113, Abstract Algebra

Professor Harrison's formal office hours are Tuesdays 4-7 pm in 829 Evans. But her main office hours will be held online at Slack where she maintains an active online presence. (You should receive an invitation to join Slack shortly.) Please use slack for homework questions, comments or questions about the textbook or lecture. If you wish to see her in her office about a private matter, please ask for an appointment so you can have her full attention.

Her email is <redact>. Shelly Manber is the class GSI and her email is <redact>.

There will be four 15 min quizzes starting on Feb 1. The main goals will be to help you understand what is expected, establish steady study habits so that you can keep up, and learn to write mathematics well. This course requires a lot of work, but it should be well worth it! Make every effort not to memorize, but to understand each small step, as well as the bigger picture.

Homework is mandatory. To be fully counted, a homework set must be complete (see below) and turned in by the beginning of each Tuesday's lecture, starting Jan 23. We will not accept late homeworks. If you wish to turn an assignment in early you may give it to either the GSI or the Professor, or give it to a friend to turn in for you by the beginning of the lecture. We will not accept online submissions. However, feel free to print out your solutions in Latex. We will provide a template for using Latex, but this is not required.

How do we define "complete?" If you cannot solve a problem, then make a note to the grader where you got stuck. If your answers show an honest hard effort, you will get full credit for completion, even if you could not solve some problems. If your assignment is complete, the grader will notate this with the letter C, for "complete," next to your score. Only a few problems can be graded, for the graders are limited to seven minutes for each student. You will not know ahead of time which problems will be graded. If your homework is not complete, this will count as a missing homework, although the grader will still grade specific problems if you have done them.

You will be responsible for all "in-text" exercises and a few extra problems the professor will choose, appearing at the end of a chapter. Apart from the extra problems, each assignment will start off where the last assignment ended and continue through to the last point covered in the text by the end of Thursday's lecture. Student volunteers have often posted assignments on Slack in the past.

Please indicate if you worked on the homework with anyone else, such as another student, a tutor, a relative, a friend, or if you found the solution online. You will not be penalized for telling us this information. Sourcing your ideas is part of the honor code and it will make you feel good, too! If you get stuck on a problem,

feel free to ask around for hints. Slack is a great resource. If you want to help someone, please just offer a hint to help them get around a block, but do not show them your entire solution.

You may miss two homeworks without penalty. However, if you do not turn in a third complete set, an upper bound on your course grade will be an A. If you do not turn in four complete homeworks, an upper bound will be an A-, while five homeworks will limit you to a B+, and so forth. Apart from that, homework is worth 15 points. Seven points are for writing and eight for logic.

There will be a midterm on April 19. It will be held during the normal class time in 1015 Evans Hall.

Homework will be worth 15%, quizzes 15%, the midterm 20% and the final exam 50% of the final grade