

Math 461
Survey of Modern Algebra

Spring 2023
Drew Armstrong

Instructor:

Drew Armstrong
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Lectures and Office Hours:

Lectures: TuTh 12:30–1:45 PM in Ungar 506
Office Hours: via Zoom, time TBA

Textbook:

There is no official textbook. Homework problems will be based on the lectures. Exams will be based on the lectures and homework problems. I can recommend good textbooks for specific topics, but I will not follow the same sequence of topics as any textbook.

Grade Breakdown:

There will be a homework assignment due approximately every two weeks. There will be three in-class exams. There will be no final exam. Grades will be based on the following scheme:

Homework	25%
Exam 1 (Thurs Feb 23)	25%
Exam 2 (Thurs Mar 30)	25%
Exam 3 (Thurs Apr 27)	25%

Honor Code:

You are encouraged to collaborate on homework, but solutions must be **explained in your own words**. No points will be given for identical copies. To elaborate: If you collaborate with others, you must first make sure that you **understand** the solution, then re-write by yourself. If you reproduce someone else's typo then I will know that you did not understand the solution.

No electronic devices are permitted during exams. Any evidence of collaboration on exams will result in a score of zero and will be referred to the Honor Council.

My Teaching Style:

Homework is the most important part of the course. I will assign thought-provoking homework that is closely tied to the lectures. You will sometimes find the homework difficult and I encourage you to discuss with others; this is how you will learn the material. Homework should be interesting. Exams should be boring.