

Abstract Algebra II

MATH 506 - Spring 2026

Lecture: MWF 10:00am-10:50am; English Building 131

Course website: https://andyhardt.github.io/506_S26/course_page.html

Instructor: Andrew Hardt (Office: Harker Hall 204C; Email: ahardt@illinois.edu)

Office Hours: TBD, Harker Hall 204C

The course website will be our primary resource for course information. Homework assignments and lecture notes will be posted there, as will updates to the syllabus and other information. You are responsible for all information and announcements posted there, as well as any made in class.

If you are auditing the class or if you want to register but are unable to, please email me so that I can make sure you get relevant course emails.

Prerequisites:

MATH 501 or equivalent experience, although most of what we'll need is covered in MATH 500.

Grading:

This course involves graded homework, but no exams or other assignments. Letter grades will be no stricter than A-: 90%, B-: 80%, C-: 70%, D-: 60%, but may be more lenient.

Homework:

Homework assignments will be roughly biweekly, submitted via Gradescope. If you have not received an invite to the Gradescope course, please let me know immediately.

- Assignments must be neat and legible, and in correct mathematical style. Most problems require proofs, and your submissions are expected to be clear and well-justified.
- Problems should be correctly tagged, and points may be deducted if you don't do this.
- Typesetting your homework using LaTeX is recommended, but not required. It is your responsibility to submit a document that is easy for the grader to read and understand.
- Each student's lowest homework grade will be dropped.
- **Lateness policy:** Each student may have up to two "misses", homework assignments submitted less than 24 hours after the deadline that are still eligible for full credit. Any homework submitted more than 24 hours past the deadline (even by one minute!) will receive no credit, as will any late assignment after the first two.

Academic Honesty:

Students are expected to follow the [University of Illinois student conduct code](#). While collaboration on homework assignments is allowed (and encouraged!), you must write up your solutions independently and fully understand the work you submit.

Disability Accommodations:

The University of Illinois at Urbana-Champaign is committed to providing equal access to educational opportunities via the Division of Disability Resources & Educational Services (DRES). If you feel that you may have a disability, you can contact DRES via e-mail at disability@illinois.edu or by phone at (217)-333-1970 to discuss possible accommodations. If you have existing accommodations through DRES, you should contact me as soon as possible to discuss how those accommodations will be implemented in this course.