

MATH 4801 Syllabus

Undergraduate Seminar, Section UG, 1 credit hour

Fall 2026

Instructor Information

Instructor: Dr. Hunter Lehmann

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General Course Information

Description

This 1 hour credit course provides students with a broad exposure to areas of mathematics research at GT. Each weekly seminar in this course will typically feature one or two speakers. The speaker will describe research in a particular field of mathematics or a research project he/she has explored. In addition to GT faculty members, speakers may include undergraduate students, graduate students, and visitors who will talk about their research or other interesting topics. All students - registered for the class or not - are encouraged to speak!

Course Learning Outcomes

- Identify themes of strong mathematical communication
- Identify areas of mathematical interest among the members of the community of the School of Mathematics

Prerequisites

The prerequisite for the class is MATH 2551 or MATH 2550 or MATH 2552 or permission of the instructor. All students interested in learning more about math research at GT and various mathematics topics are encouraged to register for the course.

Required Course Materials

None

Grading Policy

Students are expected to attend seminar. Each class meeting will also have some work to complete: either an evaluation of the day's talk, or some short reflection on the discussions for the day. Finally, there will be an end of semester reflective essay, which must be successfully completed to pass the course. Criteria for successful completion of these items will be posted in the Modules tab of Canvas. Your final grade is determined by the table below.

| Grade | Attendance | Weekly Deliverables | End of Semester Reflection |
|--------------|-------------------|----------------------------|-----------------------------------|
| A | 11 of 14 | 11 of 14 | Completed Successfully |
| B | 11 of 14 | 10 of 14 | Completed Successfully |
| C | 11 of 14 | 9 of 14 | Completed Successfully |
| D | 11 of 14 | 8 of 14 | No requirement |
| F | ≤ 10 of 14 | ≤ 7 of 14 | No requirement |

Course Policies

Attendance and Participation

Students are expected to attend seminar every day - this course does not function without being present. Being present is defined as arriving within 3 minutes of class start and staying until the end of the class. To accommodate occasional absences for any reason, including illnesses, interviews, or personal emergencies, three days of missed class are allowed for all students.

Academic Integrity

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. Review Georgia Tech's Honor Code and the student Code of Conduct.

Any student suspected of cheating or plagiarism on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the Office of Disability Services (404-894-2563) as soon as possible to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Student-Faculty Expectations Agreement

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. The Student-Faculty Expectations articulate some basic expectations that you can have of me and that I have of you. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.