

Math 2232: Introduction to Abstract Algebra

Fall 2025

Instructor: Dr. Yin Chen

RB 2017

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D2L Course Link: <https://mycourselink.lakeheadu.ca/d2l/home/171274>

Lecture:

Tuesday and Thursday	14:30 – 16:00	RB 2026
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Office Hours:

Wednesday	13:00 – 14:00	RB 2017
Friday	09:30 – 10:30	RB 2017

Text: *Abstract Algebra: An Introductory Course*, Springer,
by Greg Lee.

The price for this textbook on amazon.ca is \$55.50.

Course Content:

This course is an introduction to abstract algebra. The fundamentals of groups and rings will be discussed. We will cover the main topics of chapters 1, 2, 3, 4 and 8 in the textbook.

Assignments:

There will be 6 assignments (due by 23:00 on Wednesdays, September 17, October 1, 22, November 5, 19 and Tuesday, December 2). The problem sets will be posted on D2L course page about a week before the due time. You can type up your solutions or write them on paper, scan them to make **ONE** pdf or doc file and then upload the file to D2L assignment folders. Late assignments will not be accepted under any circumstances.

Exams: The midterm exam and the final exam are both closed-book. No books, no notes, no formula sheets, no calculators are allowed in the exams.

- Midterm Exam

14:30 – 16:00, Tuesday, October 28, RB 2026.

Course Grade:

Assignments	20%
Midterm Exam	30%
Final Exam	50%