

Math 2234: Topics in Abstract Algebra

Winter 2025

Instructor: Dr. Yin Chen, RB 2017,
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D2L Course Link: <https://mycourselink.lakeheadu.ca/d2l/home/150930>

Lectures:

Tuesday and Thursday	11:30 – 13:00	AT 2006
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Office Hours:

Wednesday	19:00 – 20:00	Zoom
Thursday	10:30 – 11:20	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 is the second course of abstract algebra. We will cover the main topics of chapters 5, 6, 9, 10 and 13 in the textbook.

Assignments:

There will be 6 assignments (due by 23:00 on Thursdays, January 16, 30, February 13, March 6, 20 and April 3). The problem sets for the six assignments 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 in the order of questions and then upload the file to D2L assignment folders. Late assignments will not be accepted under any circumstances.

Quizzes:

There will be 3 quizzes (due by 23:00 on Thursdays, January 23, February 27, March 13). The problems for quizzes will be posted on D2L 24 hours before the due time. The quizzes will be done online on D2L. You are not allowed to discuss the quizzes with anyone.

Midterm Exams: There will be two midterm exams, both closed-book.

- Midterm Exam 1
11:30 – 13:00, **Thursday, February 6**, AT 2006.
- Midterm Exam 2
11:30 – 13:00, **Thursday, March 27**, AT 2006.

Course Grade:

Six Assignments	20%
Three Quizzes	15%
Midterm Exam 1	30%
Midterm Exam 2	35%