

# Math 2232: Introduction to Abstract Algebra

Fall 2023

**Instructor:** Dr. Yin Chen,  
RB 2017,  
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**D2L Course Link:** <https://mycourselink.lakeheadu.ca/d2l/home/120666>

**Lectures:**

Tuesday and Thursday	17:30 – 19:00	RB 3026
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**Office Hours:**

Tuesday	16:00 – 17:00
Wednesday	13:00 – 14:00

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

## 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 Tuesdays, September 19, 26, October 17, 31, November 14 and 28). 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.

## Midterm Exam:

- Midterm Exam  
17:30 – 19:00, Tuesday, October 24, RB 3026.

## Course Grade:

Assignments	20%
Midterm Exam	30%
Final Exam	50%