

MATH 369
Abstract Algebra I
Fall 2024

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Class Schedule: Wednesdays & Fridays, 11:45-13:00.
Mid-term break: no class between October 15, 2024, and October 20, 2024.

Office Hours: Wednesdays & Fridays, 10:30-11:30.

Text: *Abstract Algebra*, by David S. Dummit and Richard M. Foote.

Final Grade: The grading will be the higher of:
(a) Assignments 20%, Midterm 30%, Final 50%
(b) Assignments 20%, Final 80%

If the grading scheme for this course includes graded assignments, a reasonable and representative subset of each assignment may be graded. Students will not be told in advance which subset of the assigned problems will be marked and should therefore attempt all assigned problems.

Outline: This is a standard first course in group theory, assuming no background in the subject, but some mathematical maturity, such as the ability to work formally and prove results. We will cover (in parts) Chapters 1,2,3,4 in Dummit and Foote.

Academic Integrity and the Academic Code of Conduct

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: <https://www.concordia.ca/conduct/academic-integrity.html>" [*Undergraduate Calendar, Sec 17.10.2*]

Behaviour

All individuals participating in courses are expected to be professional and constructive throughout the course, including in their communications.

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