
COURSE INFORMATION

MATH 2275: LINEAR ALGEBRA II

WINTER 2024

Time

Lectures: TTh 1:00 PM – 2:30 PM Location: RB 2042

Instructor

Dr. Christopher Chlebovec

Office: RB 2007

Office Hours: W 11:30 AM- 12:30 PM or by appointment

Email

cchlebov@lakeheadu.ca (the best way to contact me)

Course Site

This course has an online D2L site, which you access through MyInfo, via *mycourselink*. All information with regards to this course can be found on D2L and should be checked regularly. Announcements and Assignments will be posted on D2L.

Course Description

The main topics include eigenvalues and eigenvectors; diagonalization; inner product spaces; orthogonal bases; least-squares problems; symmetric matrices; quadratic forms; singular value decomposition; and applications. Additional topics may be added, if there is extra time.

Textbook

Linear Algebra and its application (6th Edition) – David C. Lay

Class Policies

I would appreciate that you show up on time, if you decide to come to class. Also, please turn off your phone while in class. Midterms and exams must be taken on the date assigned. Books, calculators, cell phones or other aids are **not** permitted during the exams.

Evaluation

A. Assignments (10 %)

Assignments will be given throughout the term and will be posted on D2L under the assignments tab. An announcement will be given about the due date and you will be given one week to complete each of the assignments given.

Some important information:

- Drop-off location: MATH 2275 assignment box on the second floor of the Ryan Building (Electronic copies will not be accepted).
- Must include your name and student ID, the course number and section, and the assignment number. Please include a title page that includes this information.
- Must be stapled together. Failure to do so will result in a deduction of marks.
- **Late assignments will not be accepted.**
- Copying of assignments will result in a mark of 0 for both assignments as well as possible further disciplinary action.

2. Test I (25%)

Test I will be tentatively set for **February 15**, in class.

3. Test II (25%)

Test II will be tentatively set for **March 21**, in class.

3. Final Exam (40%)

The final exam will be a three hour cumulative exam. The date of the exam will be provided as soon as it is scheduled.

Important Dates

First Day of Classes: Monday, January 8, 2024

Final Date to Register (Add): Friday, January 19, 2024

Winter Study Week: February 19, 2024 – February 23, 2024

Final Date for Withdrawal (Drop): Friday, March 8, 2024

Good Friday: Friday, March 29, 2024 (no classes)

Easter Monday: Monday, April 1, 2024 (no classes)

Final Day of Classes: Tuesday, April 9, 2024 (Apr 8 and Apr 9 make up days)

Examination Period: April 12 – 22, 2024 (11 days)

Examination Contingency Date: April 23, 2024