

Welcome to
MATH 2275 - Linear algebra II
Winter term 2021

INSTRUCTOR: Dr. Monica Ilie

- **Contact info:** RB 2019 ★ ph: 766-7224 ★ *milie@lakeheadu.ca*
- **Office hours:** by appointment via Zoom

COURSE OBJECTIVES 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.

COURSE INFORMATION:

- **Class time:** Tuesday/Thursday 1:00-2:30 (synchronous zoom)
- **Textbook:** *Linear algebra and its applications* by David C. Lay
- **Website:**
<https://mycourselink.lakeheadu.ca>
- **Grading:** Your final grade will be given according to the grading scheme below:

Webwork Assignments	Midterm 1	Midterm 2	Final Exam
15%	25%	25%	35%
	(Feb 25th)	(April 1st)	

SYLLABUS The topics to be covered are, tentatively, the following: Chapter 5 - Chapter 7

ASSIGNMENTS The online assignments will be available on the WebWork platform. Announcements about availability and due dates will be made on the course website.

EXAMS Exams will be administered online via the WebWork platform, during class time.

IMPORTANT DATES:

- **January 22, 2021:** last day for registration
- **March 12, 2021:** last date for course withdrawal without academic penalty
- **April 26, 2021:** contingency date (all exams that are missed by the closure of the university during the exam period, due to unforeseen circumstances, will be rescheduled this day)

ACCOMODATIONS

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit: <http://studentaccessibility.lakeheadu.ca>