

Math 2255 -- Linear Algebra I – Fall 2023

Instructor: Dr. Liping Liu, lipingli@lakeheadu.ca
Office hour: Monday 7:30pm -- 8:30pm zoom or by appointment
Lectures: Mon., Wed., 2:30pm – 4:00pm, AT1001
Course Web: myCourseLink

Course Content: Matrices and systems of linear equations; linear transformations and matrices; elementary matrix algebra; determinants; vector spaces; change of bases; real eigenvalues and eigenvectors; applications. These are covered in Chapters 1 – 5.

Assignments: Weekly assignments will be posted on the course website and are due in one week. Each assignment should be submitted to the course website on the due date. In fairness to everyone, late assignments will not be accepted unless there is a valid documented reason.

Exams: A mid-term test will be scheduled in October 2023. No make-up mid-term test will be provided for students who miss writing the mid-term test at the scheduled time. If there is a legitimate (documented) excuse, the final mark will be calculated based on the final exam. Otherwise, a grade of 0% for the missed mid-term test will be averaged with other grades. A final examination will be scheduled at the end of the term.

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| <u>Grading Scheme:</u> Participation | 10% |
| Assignments | 15% |
| Mid-term Test | 30% |
| Final Exam | 45% |

Important Dates:

- September 5: First day of class
- September 18: Final date to register (add)
- October 10: Thanksgiving - University closed
- October 10 - October 14: Fall study break
- November 3: Final date for withdrawal (drop)
- December 4: Final day of class
- December 7: First day of exams
- December 17: Final day of exams

If you are having difficulty, or have questions, please ask me for help!