

Math 2255 -- Linear Algebra I – Fall 2018

Instructor: Dr. Liping Liu, RB2001, Ext.8427, lipingli@lakeheadu.ca

Office hour: Wed. 1:30pm -- 2:30pm or by appointment

Lectures: Mon. (RB1042), Wed. & Fri. (RC1001), 10:30am -- 11:30am

Textbook: **Linear Algebra and Its Applications, 5th Edition**, by David C. Lay

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 handed in the Friday class of the due date. In fairness to everyone, late assignments will not be accepted unless there is a valid documented reason.

Exams: **Test 1 and Test 2 are scheduled during the lecture hour on October 1 and November 5, 2018.** No make-up tests are provided for students who miss writing the tests 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 tests will be averaged with other grades. **A three-hour final examination will be scheduled at the end of the term.**

<u>Grading Scheme:</u> Assignments	15%
Test 1	25%
Test 2	25%
Final Exam	35%

Important Dates: September 4: First day of class
September 17: Final date to register (add)
October 1: Test 1
October 8: Thanksgiving - University closed
October 8 - October 12: Fall study break
November 5: Test 2
November 9: Final date for withdrawal (drop)
December 3: Final day of class
December 6: First day of exams
December 16: Final day of exams

Tutoring: The Lakehead University Mathematics Assistance Centre (LUMAC) provides free tutoring in LI 2004 throughout the academic year (<https://www.lakeheadu.ca/academics/departments/math/lumac>).

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