Math 2255 -- Linear Algebra I – Fall 2020

Instructor: **Dr. Liping Liu,** lipingli@lakeheadu.ca

Office hours: Tuesday 2:30pm -- 4:00pm or by appointment, **Zoom**

Lectures: Tuesday, Thursday 11:30am – 1:00pm, **Zoom**

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 submitted to the course website at the due date. In fairness to everyone, late assignments will **not be accepted** unless there is a valid documented reason.

Tests: **Four Online Tests** will be scheduled during the term. No make-up test will be provided for students who miss taking the test at the scheduled time. If there is a legitimate (documented) excuse, the final mark will be calculated based on the other completed tests. Otherwise, a grade of 0% for the missed test will be averaged with other grades. **No final examination** will be scheduled at the end of the term.

Grading Scheme: Participations ………………………………………… 10%
Assignments ………...……………………… 10%
Test 1 ……...………..…………………… 20%
Test 2 ……..……......…………………… 20%
Test 3 ……………………………....……… 20%
Test 4 ……………………………….....……… 20%

Important Dates: September 8: First day of class
September 21: Final date to register (add)
October 12: Thanksgiving - University closed
October 12 - October 16: Fall study break
November 6: Final date for withdrawal (drop)
December 7: Final day of class

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