

## Mathematics 03-62-126-02 Linear Algebra (Engineering) Fall 2014

Instructor: Dr. Ilya Shapiro  
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Office Hours: W 2:00-4:00pm  
Classes: TR 16:00 – 17:20  
Chrysler Hall North G133  
Tutorial: F 8:30 – 9:20  
Toldo Health Education Centre 200

**Text:** *Introduction to linear algebra* by G. Strang, 4th edition, Wellesley-Cambridge Press.

**Course Content:** 1.1-1.3, 2.1-2.5, 2.7, 3.1-3.6, 4.1-4.4, 5.1-5.3, 6.1, 6.2, 6.4, 7.1, 7.2. (Some minor changes will be made as the term progresses.)

**Web Page:** Available at <http://clew.uwindsor.ca> (login with your UWin ID and password).

**Calculators:** Only non-programmable, non-graphing calculators are allowed.

**Evaluation:** The final numerical score is calculated as follows:

|                    |                           |     |
|--------------------|---------------------------|-----|
| <u>Test 1:</u>     | Tuesday, October 7        | 20% |
| <u>Test 2:</u>     | Tuesday, November 11      | 20% |
| <u>Final Exam:</u> | Dec. 15, 7:00pm – 10:00pm | 50% |
| Homework:          |                           | 10% |

**Math & Statistics Learning Centre:** Room 3125 Erie Hall. Help from TAs will be available Monday to Friday 10:00am– 5:00pm.

**Course Evaluations:** Please note that Student Evaluations of Teaching will be conducted sometime during the last 2 weeks of classes. Your participation is greatly appreciated!

**Homework:** There will be weekly homework assignments due in tutorial on Fridays. From each assignment, three exercises, randomly selected, will be graded. In calculating the average for homework, the lowest two grades will be dropped. Doing homework on a regular basis is essential for learning linear algebra.

Q: What happens if I miss a midterm?

A: If you have a valid medical reason and provide me with an acceptable proof of that reason within a week, then the weight will be transferred to the final exam.

Q: What happens if I miss the final exam?

A: If you have already missed a midterm, you will fail the course. If you are already failing the course, you will fail the course. If you are doing well in the course, and you have a confirmed and valid medical

reason, communicated to me within 24hrs of the end of the exam, you will be permitted to write a makeup exam during the regularly scheduled, by the department, makeup exam time. If you are unable to write the makeup exam during the scheduled time, then you will, regrettably, fail the course.

Important Dates:

**Classes commence:** Thursday, September 4, 2014

**Last day of classes:** Wednesday, December 3, 2014

**Reading Week** (no classes): Monday, October 13, 2014 (which is Thanksgiving Day) to Friday, October 17, 2014.

**Last Day for Students to Voluntarily Withdraw:** Wednesday, November 12, 2014