

TEXT: *Linear Algebra with Applications, 5ed.*, by W. Keith Nicholson, McGraw-Hill Ryerson, 2006; “bundled” version with LILA.

The new bundled version of the textbook contains a special pincode giving you direct access to *Lyryx Interactive Linear Algebra* website at: <http://lyryx.com>

If you do not purchase a “bundled” textbook, then the cost for the website is the regular price \$43.95 plus GST.

GRADING: The final grade will be based on the following tests:

Online Labs: 20%; Midterm Exams: 30% Final Exam: 50%

ONLINE LABS: These labs are from the *Lyryx Interactive Linear Algebra* website, and can be taken anywhere you have access to the internet. You must do a lab for each of the 18 sections of the course (see the schedule below). You can try these labs as many times as you wish (only a better mark is recorded).

Deadlines: Labs on Sections 1.1-1.3, 2.1-2.5 must be submitted before midnight on February 14

Labs on Sections 2.8, 3.1-3.4 must be submitted before midnight on March 27

Labs on Sections A^* , 4.1-4.3 must be submitted before midnight on the last day of classes, April 18

MS 571: This is open Mondays 14:00-14:50 and Tuesdays 16:00-16:50. There are computers there to do your labs, and a TA to help with the course. Use it as a drop-in centre.

CONTINUOUS TUTORIAL: TA’s are available for this course in MS 569 at the following hours: TBA!

MIDTERMS: These are two 50 minute written examinations, each worth 15% of the final grade, held in class at the times posted below.

FINAL EXAMINATION: This will be a 3-hour test worth 50% of the final grade, scheduled by the Registrar.

IMPORTANT NOTE: The midterms and final exams will *not* be held in the computer room, and done on good old paper. So you must also learn to do many of the exercises yourself without relying on the computer.

Lyryx Interactive Linear Algebra: The website contains much more than just labs, it also includes short lessons and explorations to enhance your understanding of the material and which can be used as computing tools! *Lyryx Interactive Linear Algebra* is available from anywhere through the internet.

LECTURE SCHEDULE: Here is an approximate outline of the contents of the course.

WEEK	MATERIAL	COMMENTS
Jan 14-18	1.1, 1.2	Lectures begin Monday, January 14
Jan 21-25	1.3, 2.1, 2.2	
Jan 28 - Feb 1	2.2, 2.3	
Feb 4-8	2.4, 2.5	
Feb 11-15	2.5, 2.8	Midterm 1: Friday February 15, in class.
Feb 17-24		Reading Week, No Lectures.
Feb 25-29	2.8, 3.1	
Mar 3-7	3.1, 3.2	
Mar 10-14	3.3	
Mar 17-21 8-12	3.4, A^*	Good Friday: March 21
Mar 24-28	A^* , 4.1	Midterm 2: Friday March 28, in class.
Mar 31 - Apr 4	4.1, 4.2	
Apr 7-10	4.2, 4.3	
Apr 14-18	4.4, Review	Lectures end Friday, April 18

* A refers to Appendix A in the Text (Complex Numbers).