

**TEXT:** *Linear Algebra with Applications, 5 Ed.* by W. Keith Nicholson, McGraw-Hill Ryerson, 2006.

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

**Online Labs (17): 20%**                      **Midterm Exams (2): 30%;**                      **Final Exam (1): 50%**

**ONLINE LABS:** These labs are from the *Lyryx Interactive Linear Algebra* website (<http://lila.lyryx.com>), and can be taken at any internet access. You must do a lab for each of the 18 sections in the course (see the schedule below). You can try these labs as many times as you wish (only a better grade is recorded).

**Deadlines:**    **Labs on Sections 1.1–1.3, 2.1–2.5, 2.8 must be submitted before midnight, October 20.**  
                       **Labs on Sections 3.1–3.4, A1 must be submitted before midnight, November 17.**  
                       **Labs on Sections 4.1–4.3 must be submitted before midnight, December 8.**

**MIDTERM EXAMS:**    **Friday, October 7 in the lecture period, 50 minutes, worth 15%.**  
                                   **Friday, November 18 in the lecture period, 50 minutes, worth 15%.**

**FINAL EXAM:**    **Scheduled by the Registrar, 3-hour test, worth 50%.**

**IMPORTANT NOTE:** The midterm and final examinations will **not** be held in the computer room. They are traditional exams, written 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** (<http://lila.lyryx.com>): The website contains much more than the labs. It also includes narrated and animated tutorials, and explorations to enhance your understanding (and which can be used as computing tools). And it is available anywhere, anytime, through the internet.

**TUTORIALS:** We have booked the computer room **MS 515** as follows:

**Tuesdays, 16:00 to 18:00**    and    **Wednesdays, 13:00 to 15:00.**

These are not mandatory and are more like a drop-in centre. There will be teaching assistants in the room during these hours to answer any questions you may have about exercises, theory in the course, and the software.

**CONTINUOUS TUTORIAL:** Held in **MS 569** as follows:

**Mondays, Wednesdays and and Fridays 13:00 to 15:00,**  
**Tuesdays and Thursdays 12:00 to 15:00.**

There will be teaching assistants there to answer questions about the course.

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

WEEK	MATERIAL	COMMENTS
Sep 11-15	1.1, 1.2, 1.2	Lectures begin Monday, September 11.
Sep 18-22	1.3, 2.1, 2.2	
Sep 25-29	2.2, 2.3, 2.3	
Oct 2-6	2.4, 2.4, Midterm	<b>Midterm 1:</b> Friday, October 6, in class.
Oct 9-13	___, 2.5, 2.5	Thanksgiving: Monday, October 9.
Oct 16-20	2.5, 2.8, 3.1	
Oct 23-27	3.1, 3.2, 3.2	
Oct 30-Nov 3	3.3, 3.3, 3.3	
Nov 6-10	3.4, A1,* Midterm	<b>Midterm 2:</b> Friday, November 10, in class.
Nov 13-17	___, A1, A1	Reading Days: November 11-14.
Nov 20-24	4.1, 4.1, 4.1	
Nov 27-Dec 1	4.2, 4.2, 4.2	
Dec 4-8	4.3, 4.3, Review	Lectures end Friday, December 8.
Dec 11-20		Final Examinations.

\* A1 refers to Appendix A