QUEEN'S UNIVERSITY AT KINGSTON
MATHEMATICS 111 SCHEDULE – FALL/WINTER 2005/06

INSTRUCTORS: 111A: Fall: Brandon Fodden fodden@mast.queensu.ca
Winter: Ping Li pingli@mast.queensu.ca
111X: Fall: Noriko Yui, Jeffery 417, 533-2421, yui@ny.mast.queensu.ca
Winter: Jeng-Daw Yu jdyu@mast.queensu.ca

LECTURES 111A. Slot 14, Humphrey 102
111X Wed. 6:30-9:30 Jeffery 128

TEXT: Linear Algebra Notes-- Sold at the Math Dept. Office Jeffery 3 for $30. If possible get them Thursday Sept 14 between 1 and 2:30. These will come to you as loose-leaf pages 3-hole punched. There are just over 300 pages. You should buy a 3-ring binder to hold them. This will allow you to insert additional handouts or your own notes at appropriate places.

PREREQUISITES. What's important is not so much what you've learned, but how good a learner you are. You definitely need a solid grounding in high school algebra. It helps if you've worked a bit with vectors and matrices, but that's not essential. We'll start all that from the beginning.

COURSE WEB PAGE. http://www.mast.queensu.ca/~math111/
Assignments, solutions, test preparation etc. will appear here.

HELP!
Administrative: Course instructors
Academic: All questions of an academic nature should be posted on webCT.
Tutorials are held in weeks in which there is an assignment due or a midterm test: The tutor is Sarah McKnight.
Times are Monday 5:30 – 6:30 pm and Tuesday 5:30 – 6:30 pm. Room Jeffery 101.
The Math Help Centre, Jeff 201 is staffed most of the time and 111 help is available there also.

You are urged not to miss lectures—many of the application will be difficult to understand or master without the experience of the classroom. Even more—the class is more than a collection of individual learners; it is a community which grows and develops throughout the year. If you're not there, the community is diminished. To help you appreciate this we will take attendance for the middle 10 weeks of each term. In 111A this will happen only in the Tuesday and Wednesday classes. Attendance will count for 5 marks total (for 20 weeks).

There are a number of standard manipulations in the subject that are nicely done by computer. It will be useful for you to have a simple working knowledge of MAPLE, which is available on the machines in Jeffery Hall. Maple help notes are attached at the end of the textbook.

There will be 10 biweekly assignments, due every second Friday either in class or in a box in the Math office before 2:00 pm, worth 2 marks each for an assignment mark of 20%. It turns out that a lot of good learning is done through discussing problems with others, so we encourage group work for these assignments (small groups, 2 or 3) and you need only submit one assignment per group with the names and student numbers clearly displayed on the front of the paper. But, of course, if you are part of a group, it is your responsibility to make sure that you understand everything that has been submitted under your name. Failure to do that endangers your performance on tests and exams. The assignments and solutions will be posted on the course web-page.

There will be two midterm tests administered in class and worth 10 marks apiece and a 3-hour mid-year exam in December worth 25 marks. The Final Exam will be worth 30 marks.

Summary of marks:		
	Attendance	5
	10 assignments:	20
	2 mid-term tests	20
	Mid-year exam	25
	Final Exam	30

Due dates for assignments: Term 1. Sept. 29, Oct. 13, 27, Nov. 10, 24.
Term 2. Jan. 26, Feb. 9, Mar. 2, 16, 30.

Midterm tests (in class). Term 1 Nov. 1 (111X) or 3 (111A)
Term 2 Mar. 7 (111X) or 9 (111A)