Instructor: Norbert Sauer Office: MS 526 e-mail: nsauer@math.ucalgary.ca

Office hours: In class after lecture. Or by appointment.

Text-book: Linear Algebra with Applications, Fifth Edition, MacGraw-Hill Author: W. Keith Nicholson

There are **five Lab tests**, in the Lab room at the beginning of the Lab, thirty minutes duration. The best four of the five count. The first Lab test counts for three points and all of the other ones for four points, to a maximum of 15 points for the best four Lab tests.

There are computer assignments for this lecture. Each of the problems in each of the assignments counts for 1/10 of a point. Together in all of the assignments there are more than 200 problems. The maximum given for the assignments is 15 points. Nevertheless, it is a good idea to do all of the problems as this will help to do the the tests, because the problems on the various tests will mostly be chosen from the computer assignments. The first assignment, called Test, is open now and should be done today. Its purpose is to familiarize yourself with the webwork program. If there are computer problems you can then sort them out in time for the first serious assignment.

In order to access the computer assignments go to http://math.ucalgary.ca/webwork/ and click on MATH 221 L04 (Sauer). Username is your IT username and password is your IT password. Beware: Each of the assignments has an Open Date and a Due Date.

The midterm test counts for 20 points and will be on Thursday, November 06, in class.

The **final** counts for 50 points.

Detailed timetable based on the text-book:

WEEK	SECTIONS COVERED	COMMENTS
Sep 09,11	Appendix A	First Lecture, Tuesday, September 09.
Sep 16,18	Appendix A, 1.1, 1.2	
Sep 23, 25	1.2, 1.3, 2.1	Wednesday Sep 24: Lab test 1, covers App. A, 1.1
Sep 30, Oct 2	2.2, 2.3	
Oct 07, 09	2.3, 2.4	Wednesday Oct 08: Lab test 2, covers 1.2, 1.3, 2.1, 2.2
Oct 14 to 16	3.1, 3.2	
Oct 21, 23	3.2, 3.3	Wednesday Oct. 22 Labtest 3, covers 2.3, 2.4, 3.1
Oct 28, 30	3.3, 3.3	
Nov 04, 06	3.4, Midterm test	covers App.A, 1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3
Nov 13	4.1	Reading Days
Nov 18, 20	4.2, 4.2	Wednesday Nov. 19: Lab test 4, covers 3.4, 4.1
Nov 25, 27	4.3, 4.3	
Dec 02, 04	2.5, 4.4	Wednesday Dec. 03: Lab test 5, covers 4.2, 4.3
Dec 08 to 17		Final Examination Period.

You are expected to read the relevant sections of the textbook BEFORE class time! Familiarize yourself with and memorize new notions and definitions.