

Instructor: Norbert Sauer
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Office hours:
 In class after class.
 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. Every Lab test counts for five points. $4 \times 5 = 20$.

There are 15 computer assignments. Each of the problems counts for 1/10 of a point. Together in all of the 15 assignments there are more than 150 problems, actually more than 240. 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 quizzes and the tests. The first assignment, Test, is open from first day of class.

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 15 assignments has an Open Date and a Due Date, which may not always be on the same day of the week.

The midterm test counts for 15 points and will be on Monday, February 25, in class.

The final counts for 50 points.

Detailed timetable based on the text-book:

| WEEK | SECTIONS COVERED | COMMENTS |
|----------------|-----------------------------|--|
| Jan 14,16 | Appendix A, Complex numbers | First Lecture, Monday, January 14. |
| Jan 21, 23 | 1.1, 1.2 | Monday Jan 21: Lab test 1 |
| Jan 28, 30 | 1.2, 1.3 | |
| Feb 04, 06 | 2.1, 2.2 and 2.3 | Monday Feb 04: Lab test 2 |
| Feb 11, 13 | 2.3, 2.4 | |
| Feb 17 to 24 | Reading Week, No Lectures | |
| Feb 25, 27 | Midterm-test, 3.1 | Midterm: Monday, February 25, in class. |
| Mar 03,05 | 3.1, 3.1 and 3.2 | |
| Mar 10, 12 | 3.2, 3.2 and 3.3 | Monday Mar 10: Lab test 3 |
| Mar 17, 19 | 3.3, 3.3 and 4.1 | |
| Mar 24, 26 | 4.1, 4.2 | Monday Mar 24: Lab test 4 |
| Mar 31, Apr 02 | 4.2, 4.2 and 4.3 | |
| Apr 07, 09 | 4.3, 4.3 | Monday Apr 07: Lab test 5 |
| Apr 14, 16 | 2.5, 4.4 | Lecture ends Wednesday, April 16. |
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| Apr 21 to 30 | | 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.