

Instructor: Oana Veliche

Office: LCB 106

Office hours: T, R: 11:50 AM -12:40 PM or by appointment.

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Your section: MATH 2270-03

Time and place: M,T,W,F: 10:45-11:35 AM in LCB 215

Text: *Linear Algebra with Applications*, 3rd Ed., Otto Bretscher

Prerequisites: MATH 1210-1220, or MATH 1250-1260, first year Calculus.

Course Description: This is the first semester in a year-long sequence devoted to linear mathematics. The topic of this semester is linear algebra. We will try to cover chapters 1-8 of the text, see the tentative **Schedule** on my web-page for a detailed (tentative) plan.

Homework: There will be 16 weekly homework assignments. For the due dates see the Schedule. The homework problems will be assigned in class, after each lesson and they will be also posted on my web-page. Please do the problems in the assigned order, write clearly the problem number and the page number and staple your homework. Late homework will not be accepted, except under very special circumstances. An undergraduate grader will be assigned to grade some of the homework problems. For some of the homework problems you may use the software package MAPLE program, however this is optional.

Classwork: During the class time you will be assigned some problems to work on. They can be, for example, of the following type: warm-up exercises at the beginning of class time or review problems from the end of each chapter (true or false). You will work on them individually or in groups of 2-3 people, open or closed books. These exercises/problems will be collected and graded by myself.

Exams: There will be 3 exams during the semester and one final exam. All are written exams and will be held in class (LCB 215). They are closed books, closed notes and no calculators. The final exam will be comprehensive with some emphasis on the material not yet tested in the first three in-class exams.

Exam #1	September 22, 2006,	10:45 - 11:35 AM
Exam #2	October 20, 2006,	10:45 - 11:35 AM
Exam #3	November 22, 2006,	10:45 - 11:25 AM
Final exam	December 13, 2006,	10:30 AM - 12:30 PM

The material for the exams will be based on homework and classwork problems, class notes including definitions, statements and proofs of theorems and review problems.

Grading: Grades are based on the following:

Exams	300 points
Homework	150 points
Classwork	50 points
Final exam	200 points
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Total	700 points

ADA Statement: The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic, learning, and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any such accommodation you may require for this course.