

## Math 235 Sec 4 - Introduction to Linear Algebra - Spring 2009

MWF 1:25 → 2:15 PM LGRT 123

**Professor:** Eyal Markman

**Office:** LGRT 1223G

**Office Phone:** 545-2788

**E-mail:** markman@math.umass.edu

**Course Web page:** <http://www.math.umass.edu/~markman/> **Please check it often!**

**Office hours:** Wednesday 5:00 → 6:30 pm, Friday 9:00 → 10:00 AM, and by appointment.

**Text:** *Linear Algebra with applications*, Fourth Edition, by Otto Bretscher, Pearson Prentice Hall 2009.

**Syllabus:** We will cover most of the sections in the first seven chapters of the text.

**Homework:** Will be assigned weekly and will be due each Friday, unless mentioned otherwise. The homework will be graded by a special grader. Due to lack of funds, it will not be possible to grade all the homework problems assigned. A few of the homework problems will be corrected and graded every week. Nevertheless, for your own benefit, you will be asked to hand in *all* the homework problems assigned. Your grade on each homework assignment will be calculated as follows:

70% The grade on the corrected problems.

30% Credit for handing in *most* of the homework problems assigned. Partial credit will be given.

Late homework will not be collected. Instead, your three lowest grades will be dropped.

### **Grades:**

Homework–20%

Two Midterms–50% (each 25%)

Final Exam –30%

**First Midterm:** Wednesday, March 4, 7:15 to 8:45 PM.

**Second Midterm:** Wednesday, April 22, 7:15 to 8:45 PM.

**Final:** During the week beginning Thursday, May 14 and ending on Thursday, May 21. The precise date is yet to be determined. Make sure to be around! Travel plans will **not** be accommodated!

**Calculators Policy:** Calculators will **not** be allowed in the exams. A few in-class demonstrations will involve the graphing calculator TI-86. You may use calculators to check your homework solutions, but credit will be given only for answers showing all your steps (unless mentioned otherwise in the assignment).

**Homework Assignment 1** (Due Monday, Feb 2) **see back of page**

Section 1.1 page 5: 1, 3, 7, 12, 14, 18, 20, 25, 28, 29, 31

Section 1.2 page 18: 5, 10, 18, 22, 24, 37

**Homework Assignment 2** (Due Friday, Feb 6) Please check the web page.