

**MATH 341, FALL 2011**  
**LINEAR ALGEBRA AND MATRIX THEORY**

OLENA BORMASHENKO

1. SYLLABUS

- **Text:** Andrilli and Hecker, *Elementary Linear Algebra*, 4th edition.
- **Instructor:** Olena Bormashenko  
RLM 10.110  
olenab@math.utexas.edu
- **Office hours:** Tuesday 3:30–5:30 PM and Wednesday 4:00–5:00 PM, or by appointment.
- **Overview:** This course has three main goals:
  - (i) To provide an overview of elementary linear algebra,
  - (ii) to provide an introduction to proofs, and
  - (iii) to provide an introduction to mathematical abstraction.The lectures will proceed through the text sequentially, starting with Chapter 1 and working through Chapter 5.
- **Prerequisites:** M408D with a grade of at least a C.
- **Grading policy:** The final grade will be determined based on:
  - (i) Homework, 10%,
  - (ii) quizzes 10%,
  - (iii) each midterm exam 25% (total of 50%), and
  - (iv) the final exam 30%.Plus/minus letter grades will be assigned.
- **Homework policies:** Homework will be assigned every Friday, and due in class the following Thursday. Late homeworks will not be accepted. The lowest homework will be dropped.

I encourage working in groups to solve the homework problems. However, do not write down anything that you do not understand. A good rule of thumb is that if your homework was destroyed by fire, it should be easy for you to rewrite it without help from anyone else.
- **Attendance:** I expect that students will attend all classes. Although attendance is not explicitly used for determining grades, in-class quizzes will be assigned at various times during the course of the semester; no make-ups quizzes will be given.

- **Midterms:** There will be two in-class midterm exams during the semester. The dates of these exams are September 27th and November 1st. No make-up exams will be held – if you miss an exam with very good reason (and if at all possible, let me know beforehand!), it can be replaced by the final.
- **Final exam:** The final will be held Tuesday, December 13, from 9:00 am –12:00 pm.
- **Class web site:** Handouts, homework, and other miscellaneous announcements will be posted to the class website at:  
<http://math.utexas.edu/users/olenab/341.html>
- **Students with disabilities:** The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-6441 TTY.

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