Math 110 – Linear Algebra

Spring 2004

MWF 8-9 75 Evans and 3-4 71 Evans

Instructor:
Anatolii Grinshpan (757 Evans, tolya@math.berkeley.edu)
Office hours MWF 9-10, Th 2-3, or by appointment.
The course webpage is at http://math.berkeley.edu/~tolya/110

About the course:
This is a basic course in linear algebra (vector spaces, linear transformations, eigenvectors and eigenvalues, inner products, matrix factorizations and canonical forms, and, perhaps, other topics). Our viewpoint is more abstract than in a first course, we pay attention to proofs.

Textbook:
We follow “Linear Algebra done right” by Sheldon Axler, second edition, in detail. Additional topics and alternative treatments are not ruled out.

Homework:
Weekly problem sets are posted on Fridays. You can work together as long as you do not collaborate on the writeup. Aim to present clear and legible solutions. Late submissions are not accepted. The lowest homework score will be dropped.

Exams and grading:
The homeworks will count out of 30% of the grade, two midterms out of 20% each, and the final exam out of 30%. No make-up exams will normally be given. Both midterms will take place in class during the class time. Final exam locations are TBA.
Midterm 1: February 27
Midterm 2: April 9
Final group 1 (section 5, morning class): 8-11 am, May 14 (Friday)
Final group 11 (section 3, afternoon class): 5-8 pm, May 18 (Tuesday).

Graduate Student Instructor:
Eli Grigsby (737 Evans, egrigsby@math.berkeley.edu) holds office hours 8:40-12, 12:30-2 on Wednesdays and 1:10-6:00 on Thursdays in 891 Evans. These times are the same for all Math 110 sections.