

MATH 2700.005

LINEAR ALGEBRA & VECTOR GEOMETRY

FALL 2014

Instructor: Bunyamin Sari

Office: GAB 414

e-mail: bunyamin@unt.edu (Please include Math 2700 in subject line of every email you send to me.)

Office hours: TR 1-3PM or by appointment

Lectures: TR 5:00-6:20PM SAGE 330

Course web: www.math.unt.edu/~bunyamin (Click on Math 2700)

Homework and course related material and announcements will be posted here.

Course description

Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in E_n , linear transformations, matrices, determinants and eigenvalues.

Textbook: Linear Algebra and its applications by David Lay, 4e.

Grading scheme:

There will be weekly quizzes, weekly homework assignments, two in class midterm exams and a final exam. The weight of each to the final grade: Quizzes 30%, Homework 10%, Midterms 30%, Final 30%.

Exams: Final exam is on Tuesday December 9 at 5PM. Midterm dates will be announced later. There are no make up tests for midterm/quizzes.

Homework

We will have weekly Homework assignments, and they will be announced in class and posted here. The lowest homework grade will be dropped. Homework are to be handed in person to me at the beginning of the due date class. Homework will not be accepted after class.

Course Evaluation

The website will be open later in the semester for you to evaluate the course (dates to be announced later). You are required to go to the web site and complete an evaluation of the course sometime during the open period.

Note regarding standards of academic conduct: Please be aware of university policies regarding academic honesty. Cheating is not tolerated and will have severe consequences. Consult the Catalog for details.

Student Behavior in the Classroom

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.unt.edu/csrr

Disability

Students requesting accommodations due to disability should contact the Office of Disability at 565 4323. Please also let me know.

Homework and Class Schedule

Week 1 (Aug 26-28)

Read Sections 1.1 and 1.2

Homework 1 (due Sep 9)

Section 1.1: 1,4,11,12,14,16,17,19,22,23,24,33

Section 1.2: 1,2,3,4,17,18,33

Homework 2 (due Sep 16)

Section 1.3: 10, 12, 23, 24

Section 1.4: 10, 14, 16, 23, 24, 26

Section 1.5: 6, 12, 14, 23, 24

