

## Math 107: Introduction to Linear Algebra

### Instructors:

Esen Aksoy, SCI 114, [esaksoy@ku.edu.tr](mailto:esaksoy@ku.edu.tr)

Varga Kalantarov, SCI 162, [vkalantarov@ku.edu.tr](mailto:vkalantarov@ku.edu.tr) (home page: <https://mysite.ku.edu.tr/vkalantarov/>)

Ayberk Zeytin, SCI 231 [azeytin@ku.edu.tr](mailto:azeytin@ku.edu.tr)

### Exams and Grading

Your grade at the end of the semester will be assessed based on two midterm exams (30% each), and a final exam(40%).

### Attendance

We highly recommend that you show up for every lecture, although *attendance will NOT be taken during the lectures or the problem sessions.*

### Homework:

Suggested homework problems will be assigned regularly but not collected for grading. Students are required to solve these problems in order to gain a better understanding of the subject.

### Problem Sessions:

The problem sessions meet once every week. During these problem sessions, your TA will show you the solutions of some of the exercise problems in the book.

### Make-up Policy:

If a student misses just one midterm exam and has a valid medical report or an excuse accepted by the Dean's office, his or her score in the final exam will be substituted for the grade of the exam that is missed. If a student is eligible to take the final exam but misses it and has a valid excuse, (s)he will be given a make-up exam.

### Textbook

Linear Algebra and its Applications (6th Edition), by David C. Lay, Stephen R. Lay, and Judi J. McDonald(required)

### Topics to be covered:

Vectors; matrices and systems of linear equations; vector spaces; linear transformations; orthogonality; eigenvalue problems.