(A) Instructor: Shamgar Gurevich.
Office: VV317.
E-mail: shamgar@math.wisc.edu.
Time and Location: MWF 8:50-9:40am, Room VV B115.
Office Hours: Wed. 10-12.

(B) Grader: Chris Breeden.
Office: VV318.
E-mail: breeden@math.wisc.edu.
Homework + Quizzes Discussion: Tue 3:30-4:20pm, Room VV B341.
Office Hours for H+Q questions: Tue 4:30-5:30pm.

(C) Textbook: S. Friedberg, A. Insel, and L. Spence, Linear Algebra, Prentice Hall.

(D) Content: We will study the basics of linear algebra: Fields, vector spaces, bases and dimension, linear transformations, matrices, determinants, diagonalization, simultaneous diagonalization, inner product spaces, diagonalization of special operators, dual space.

(E) Grading: There will be weekly homework assignments, one midterm exam, a final exam, and a quiz on definitions every Friday. The grade distribution will be computed as follows:

Homework: 15%
Quizzes: 20%
Midterm: 30%
Final: 35%

(F) Attitude: In our course we will study the basics of linear algebra which is one of the most important subjects of mathematics. The goal will be to help you develop your skills on how to think about linear algebra. We expect you to be an integral part of the course. i.e., to attend and participate in lectures, to submit homework, and to take quizzes and exams.

Good Luck!