Instructor: Tomasz Przebinda, Room 524, PHSC; home page: http://crystal.ou.edu/; e-mail: tprzebinda at gmail.com; tel: 325-0830

Office hours: Thursday 2:30 - 3:30, Friday 2:30-3:30.


Course outline: We shall cover most of the material included in the first seven chapters of the book. This includes the calculus of matrices, determinants and methods of solving systems of linear equations. Further we shall study the notion of a vector space, linear maps and inner product spaces. If time permits we shall take a look at eigenvectors and eigenvalues.

There are very few branches of mathematics, science or engineering, which make no use of linear algebra. This class shall give you an opportunity to gain the basic knowledge of the subject you’ll need in future applications.

Exams: There will be three midterm exams, on Monday February 21, Monday March 28, Monday April 25, and the final exam on Tuesday, May 10, 1:30-3:30. All exams are going to be taken in class, room 115 PHSC.

Homework: There will be weekly assignments, to be handed in on Monday at the beginning of the class. Please hand in your homework on time (Mondays 11:30); late assignments cannot be accepted.

Final grade: final exam 39% + midterms 17% + 17% + 17% + homework 10%

Students with Disabilities: Any student having a disability that may interfere with the demonstration of his or her abilities should contact me as soon as possible to arrange accommodations necessary to ensure full participation in the course.

Grade of Incomplete: The grade of “I” is a special-purpose grade given when a specific task needs to be completed to finish the course work. This is typically a term paper or other special assignment, so rarely makes sense in a mathematics course. An “I” cannot be given to avoid a low grade in cases where the course work is not strong.