Instructor: Jiaping Wang
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Office hours: MWF 10:30-11:20 (subject to change)

Course title and a brief description: Applied Linear Algebra

The topics include systems of linear equations, vector spaces, subspaces, bases, linear transformations, matrices, determinants, eigenvalues, orthogonality, quadratic forms, and applications.

Prerequisites: Math 2243 or 2373 or 2573


We will cover Chapters 1, 2, 3, 4, 5, 7, 8 of the text, omitting a few sections.

Assignments: Homework assignments will be posted on my web page and will usually be collected on Friday. One homework (the worst grade or a homework missed for any reason) will be dropped at the end. No late homework will be accepted. You may discuss homework problems with other students, however, you are supposed to work out and write down the solutions yourself. Please write complete solutions clearly on one side of letter-size sheets. Questions or objections to grading must be brought up within a week after the graded work is returned to you.

Exams and grading policy: There will be three one-hour exams covering appropriate parts of the material. All exams are open book and notes, and calculators are allowed.
Exam Dates:

Wednesday, October 5, 2016
Wednesday, November 9, 2016
Wednesday, December 14, 2016

Grading scheme: homework 25%, 3 midterm exams 75% (25% each).

Make-up Exams: Make-up exams are permitted only for the most compelling reasons such as illness or university sponsored events. Written documentation and, except for medical emergencies, prior approval are required. Otherwise you will be given a 0 for the missing exam.

Statement on Incompletes, S/N:
The grade incomplete “I” will only be assigned at extraordinary circumstances (such as hospitalization), and only if a student has satisfactorily (a C- grade or better) completed all but a small portion of the work for the course, and has made prior arrangements to complete the work.

To obtain an S, you need at least a C- grade.

Scholastic Conduct: Each student should read his/her college bulletin for the definitions and possible penalties for cheating. During the exams you must do your own work. Students suspected of cheating will be reported to the Scholastic Conduct Committee for appropriate action. Academic dishonesty in any portion of the course shall be grounds for assigning a grade of F or N for the entire course.