

Class Policy

Course: Math 314 - Section 006, Applied Linear Algebra (Matrix Theory)

Place/Time: 12 AvH, 9:30-10:45 TR, Fall 2006

Preq: Math 208 or 107H or equivalent.

Objectives: This is a multifaceted course whose goals are to help students achieve competence in the following areas:

- Matrix/vector arithmetic and algebraic manipulations.
- Abstract reasoning in the context of matrix theory and linear algebra.
- The use of matrix and vector concepts in mathematical modeling.
- Numerical experimentation in the context of linear algebra.

Instructor: Dr. Thomas Shores

Telephone: Office 472-7233 Home 489-0560

Email: tshores1@math.unl.edu

Web Home Page: <http://www.math.unl.edu/~tshores1/>

Office Hours: Monday 3:30-5:00, Tuesday 11:00-13:00, Thursday 12:00-13:30, Friday 8:30-10:30, and by appointment. Office: 229 AvH

Class Attendance: Is required. If absent, it is incumbent upon the student to determine what has been missed as soon as possible. It is advisable to consult with the instructor.

Homework/Projects: Everyone is expected to master the syllabus homework assignments. These will not be graded, but many exam questions will be modeled on them, and it is guaranteed that at least one question on each exam will come directly from these problems. Students are strongly encouraged to work them and ask questions about them in and outside of class. There will be one group project for honors contractors, and several smaller individual homework/project assignments for everyone. Our computing platform is the CAS Maple which is available on all math computers. Students will be given an account in the Mathematics Computer Lab for computer related exercises and can obtain written lab instructions in the lab itself. Current information about the course will be available on the web (via the314 homepage or my home page). Using the web is strongly recommended for keeping track of due dates for homework collections and other current activities in the course.

Reading Assignment: Read the sections of the text as, or before, they are covered in class lectures. This is a standing assignment throughout the semester.

Grade: Three 90 minute exams at a time to be determined will be given and these will account for 100 points each. The final exam will count 150 points. All exams are closed book with calculators. The small homework/projects will account for 50 points (honors contractors will also have one group project worth an additional 50 points.) The final grade will be based on these 500 (550) points.

Final Exam: Will be comprehensive. To be given on Monday, December 11, 10:00-12:00 noon in 12 AvH.

Grades of "I", "W" or "P": These grades will be given in strict accordance with University policy. (See any Schedule of Classes for the relevant information and dates.)

Keep This Information!!!