

Instructor: Prof Bowman, Office: Watson 324, Phone: 753-6768, e-mail: bowman@math.niu.edu

Office Hours: 4:00-5:45 PM W, and by appointment.

Textbooks: *Linear Algebra 4th Ed.*, Friedberg, Insel, and Lawrence.

Prerequisites: MATH 240 and 420; or consent of department.

Course Outline: Chapters 1–4 and selected topics.

Grade Policy: Two tests. Each counts 30% of the grade. Homework counts 40% of the grade. The scale will roughly follow $A : 85\% - 100\%$, $B : 75\% - 84\%$, $C : 65\% - 74\%$, $D : 55\% - 64\%$, and $F : < 55\%$, the boundaries possibly being adjusted for clustering. Make-up exams will *only* be allowed for emergencies and illness. (I will need to see proof.)

Course Objectives: To gain a basic understanding of linear algebra and applications. Emphasis on an understanding of vector spaces and fundamental theorems.

Grading Method: Computational exercised will be graded on completeness and correctness. Proofs will be graded based on writing quality and correctness. In terms of writing I will be considering your conciseness and clarity.

Homework: Homework consists of problems from the texts, self-graded, completed on time for credit. These will be handed in to me. Homework must be turned in on-time for credit. (With usual exceptions for emergencies, illness, etc.)

Academic Conduct: Academic honesty and mutual respect (student with student and instructor with student) are expected in this course. Mutual respect means being on time for class and not leaving early, being prepared to give full attention to class work, not reading newspapers or other material in class, not using cell phones or pagers during class time, and not looking at another student's work during exams. Academic misconduct, as defined by the Student Judicial Code, will not be treated lightly.

DRC Statement: If you have specific physical, psychiatric, or learning disabilities and require accommodations, please let your instructor know early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the DRC (Disability Resource Center) Office located in the Health Services Building, 4th floor.