

Math 360 – Linear Algebra
Fall 2002

Instructor: Dr. Brian Heck
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Office Hours: MWF 8:30-9:30; 11:30-2:30
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Prerequisite: Math 358.

Text: Linear Algebra with Applications (6th ed.) by Steven Leon (Prentice Hall)

Course Description (catalog): The real number system, vectors, matrices, and linear equations, determinants, polynomials and complex numbers, vector spaces and linear transformations.

Course Description (instructor): You have undoubtedly run across matrices before. Perhaps in College Algebra, Calculus III, Differential Equations or even in Foundations. In this course we will further explore their properties and utility. In the beginning we will focus primarily on matrix algebra which is fairly elementary. However, without a solid grasp of this material, the later chapters are unreasonably difficult. Chapter 3 (Vector Spaces) comprises the thrust of the course. Everything before it is leading to it, and everything after is a consequence.

Grading Policy: Quizzes: 20%; Tests (3): 60%; Final Exam: 20%. We will use the standard 10-point scale. A=90-100%, B=80-89%, etc...

Attendance: I will not include attendance as part of your course grade. I am not your mother or your parole officer, and this is not high school. I do, however, expect you to attend class everyday. You are responsible for all material covered in class. The quizzes mentioned above will primarily be unannounced, and I will drop your lowest two scores. ***There will be no make-ups for quizzes.***

Approximate Class Schedule:

Chapter 1: Sections 1-5	Chapter 4: Sections 1-3
Chapter 2: Sections 1-3	Chapter 5: Selected sections as time allows
Test #1...Thursday, September 26	Chapter 6: Selected sections as time allows
Chapter 3: Sections 1-6	**Test #3...Tuesday, November 26**
Test #2...Thursday, October 31	

*****Final Exam...TBA*****

Closing Remarks: It is assumed that you are attending this university because you have a desire for higher learning. It is therefore expected that you will pay attention, be respectful of your instructor and fellow students, and follow the Code of Student Conduct. Instances of academic dishonesty will be dealt with severely. If you are caught cheating, you will fail this course. Similarly, if you are a disruptive presence in the classroom, you will be dropped from the class.

Important Dates:

Final Date To Drop Courses With a "W" – **Monday, November 4, 2002**