

MATH 321
Linear Algebra I
Spring 2004

Instructor: Dr. Marcus A. Agustin

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Office Hours: 10-11:30 TR, 2:30 - 3:30 R, or **by appointment**

Textbook: *Elementary Linear Algebra, 5th Edition* by Ron Larson, Bruce Edwards, and David Falvo

Prerequisite: MATH 135 (Elementary Vector Algebra) and MATH 152 (Calculus II)

Course Description: This course is intended to introduce students to linear algebra. A primary goal of this course is to present major concepts of linear algebra clearly and concisely as well as present applications in different fields such as engineering, operations research, and statistics. The topics that will be discussed include systems of linear equations, matrix operations, vector spaces and linear transformations, and eigenvalues and eigenvectors.

Course Requirements: There will be three in-class exams to be given on February 5, March 4, and April 15. A comprehensive final exam will be given on the regularly scheduled time during finals week. Problem sets will be assigned as needed. Students are **required** to work on problem sets **independently of each other**.

Attendance and Make-up Policy I will not check attendance but you are expected (read as “required”) to be in class all the time. You will be responsible for any material(s) that you missed. Make-up exams will be given only when accompanied by a valid excuse. Proper documentation should be presented and I should be notified in advance (either by phone, email or in person). Late problem sets will **not** be accepted.

Grading Policy: Your final grade in this course will be determined as follows:

Problem Sets	— 100 points
Three Exams	— 300 points
Comprehensive Final Exam	— 100 points

The straight scale will be used in assigning your final grade, i. e., 90% – 100% is A, 80% – 89% is B, etc.

Academic Integrity: All submitted materials should reflect your **own** work. Clarifications and/or questions should only be directed to the instructor. For all problem sets and exams, any student caught passing off somebody else's work as his/her own work is subject to a **grade of F and will be dealt with accordingly**.

Tips for Succeeding in MATH 321:

1. The office hours are for **you**. You are **encouraged and expected** to get help as soon as possible.
2. Do not hesitate to ask questions whether in-class or outside class.
3. **Read the textbook.**
4. Participate in class discussions. Remember, **Mathematics is not a spectator sport.**
5. Keep a positive attitude and try to have fun!