

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: MATH 3323, CRN 18079
Course Title: Matrix Algebra
Credit Hrs: 3
Term: Fall 2024
Course Meetings & Location: The class is online.
Prerequisite Courses: Calculus II (Math 1312).
Course Fee: (if applicable)
Instructor: Andrew Pownuk
Office Location: Bell Hall 144
Contact Info: Phone # 915-747-6773
E-mail address# ampownuk@utep.edu
<http://www.math.utep.edu/Faculty/ampownuk/>

Office Hrs: TBA
Bell Hall 144

Textbook(s), Materials: Required: Introduction to Linear Algebra, Fifth Edition,
by Johnson and Al, Addison Wesley
Suggested: On-line resources.

Course Objectives (Learning Outcomes): This course will introduce the students to the theory concepts of matrix algebra and systems of linear equations, elementary vector space concepts, and the eigenvalue problem. The student will solve different types of exercises which involves matrices, using standard methods, proofs, connections with practical situations and/or using the technology.

The expected student learning outcome from this course is that students learn the material well enough to pass the course and to succeed in all math courses that require Matrix Algebra as a prerequisite.

Course Activities/Assignments: Additional information about the course will be available on Blackboard

Assessment of Course Objectives: There will be homework, three midterms, and the final exam

Course Schedule:

Grading Policy:

Final grade = $0.1 \cdot \text{homework} + 0.3 \cdot \text{final exam} + 0.6 \cdot \text{test}$

Attendance Policy: **The Drop Date for this semester is November 1, 2024, before 5:00 PM MDT. No drops will be approved after this date or time.**

Students who decide to drop the course must process a drop form by e-mailing records@utep.edu by November 1st before 5:00 PM MDT. Please note that the College of Science will remain aligned with the university and **will not approve any drop requests after that date.**

Civility Statement: All correspondence with your instructor, TA, and other students should be conducted in an appropriate manner.

Military Statement: If you are a military student with the potential of being called to military service and /or training during the course of the semester, you must contact me as soon as possible before you leave.

Disability Statement: If you need accommodations for your success, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email at cass@utep.edu, or visit their office located in the UTEP Union East, Room 106. For additional information, please visit the CASS website <https://www.utep.edu/student-affairs/cass/>

The student is responsible for informing me of the accommodations needed and will be responsible for proactive actions in regards to having accommodations met.

Academic Integrity Policy: The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. For the official policies on academic integrity and scholastic dishonesty, please refer to <https://admin.utep.edu/Default.aspx?alias=admin.utep.edu/hoop>

Each student is responsible for notice of and compliance with the provisions of the Regents' Rules and Regulations, which are available for inspection electronically at <https://www.utsystem.edu/offices/board-regents/regents-rules-and-regulations>.