

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

<b>Course Number:</b>	MATH 3323 – 20700
<b>Course Title:</b>	Matrix Algebra (003)
<b>Credit Hours:</b>	3
<b>Term:</b>	Spring 2024
<b>Course/Location Meetings:</b>	MW 9:00am-10:20am Liberal Arts Building 202
<b>Prerequisite Courses:</b>	MATH 1312. Students are assumed to be proficient on all prerequisites
<b>Instructor:</b>	Dr. Leobardo Valera
<b>Contact Info:</b>	lvalera@utep.edu
<b>Office Hours:</b>	MTWR: 12:00-1:00
<b>Textbook Required:</b>	INTRODUCTION TO LINEAR ALGEBRA, FIFTH EDITION by JOHNSON, RIESS and ARNOLD
<b>Material to Cover:</b>	The fundamental principles of Chapters 1, 3, 4
<b>Spring Break:</b>	March 11-15, 2024
<b>Course Objectives:</b>	This class introduces the concept of vector spaces, matrix algebra, and their applications to solve systems of linear equations. The notion of eigenvalues and eigenvectors associated with square matrices and its properties are presented. And linear transformations
<b>Assessment of Course:</b>	Three midterms.
<b>Grading Policy:</b>	The grade scale will be used for this course <ul style="list-style-type: none"><li>• 90%-100% is A,</li><li>• 80%-89% is B,</li><li>• 70%-79% is C,</li><li>• 60%-69% is D, and</li><li>• 0%-59% is F</li></ul>
<b>Course Drop Deadline:</b>	With a <b>W</b> is <b>Mar 28, 2024.</b>
<b>Final Grade:</b>	Three Partial Exams 60% (20% each) and Quizzes and Homework 40%
<b>Make-up Policy:</b>	No make-up partial exams and final exam. Cell phones, calculators or any technological tools must be turned off during the exams.
<b>Attendance Policy:</b>	Not mandatory. It is your responsibility of keeping track of any decisions made during classes. Any questions about class materials, grades, or other class issues will be addressed only during the office hours.
<b>Civility Statement:</b>	Cell phones, computers, and pagers should be set to

silent or vibrate, and any calls should be taken outside of class. Please mute yourself in class and unmute only when participating or asking a question. Active participation in class is expected, teamwork in class will be implemented.

**Disability Statement:**

If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact The Center for Accommodations and Support services (CASS) at 747-5148 or at <cass@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.

**Military Statement:**

If you are a military student with the potential of being called to military service and/or training during the semester, please contact me by the end of the first week of class.

**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. 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

<http://www.utsystem.edu/bor/rules/homepage.htm>

All students are expected and required to obey the law, to comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution. Any student who engages in conduct that is prohibited by Regents' Rules and Regulations, U.T. System or University rules, specific instructions issued by an administrative official or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.