Introduction to Linear Algebra

Last Updated: Fri, 01/02/2026

Course prefix: MATH

Course number: 1553

Section: A

CRN
27136

Instructor first name: Christopher

Instructor last name: Jankowski

Semester: Spring

Academic year: 2026

Course description:

An introduction to linear alegbra including eigenvalues and eigenvectors, applications to linear systems, least squares. Credit not awarded for both MATH 1553 and MATH 1522, MATH 1502, MATH 1504, MATH 1512, MATH 1554 or MATH 1564.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the STEM area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:
How do I ask scientific questions or use data, mathematics, or technology to understand the universe?

Completion of this course should enable students to meet the Learning Outcome:
Students will use the scientific method and laboratory procedures or mathematical and computational methods to analyze data, solve problems, and explain natural phenomena.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

1. Inquiry and Analysis
2. Problem-Solving
3. Teamwork