

MATH 369: Linear algebra

Instructor: Henry Kvinge

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Office Hours: Tuesday 12:00-1:00, Thursdays 11:00-12:00 (Weber 017)

Website: <https://hkvinge.github.io/math369spring2019.html>

Textbook: Howard Anton, *Elementary Linear Algebra*

Lecture: Tuesdays and Thursdays 9:30pm-11:45pm, Engineering E 104

Course Content: Linear systems, matrices, subspaces of Euclidean spaces, linear transformations on Euclidean spaces, eigenvalues, eigenvectors.

Exams: There will be three midterm exams (dates listed on the class website) and a final exam. Makeup exams will not be offered. If you have an unavoidable conflict with an exam date, or an emergency of some sort, you must let me know as early as possible in order to make appropriate arrangements.

Homework: In this course you will turn in a homework assignment approximately once per week. Because expressing your ideas clearly is a vital skill in mathematics, your homework should be clearly written so that I can understand your work for calculation problems. For problems that require proofs you should write full sentences so as to clearly explain your argument. Due to time constraints, only a few select problems will be graded. Messy or illegible homework will not be graded. Late homework is NOT accepted. Your lowest homework score will be dropped.

It is vitally important that you do the homework. It is impossible to learn math without actually doing math.

Grading: Your course grade will be based on the following:

Homework	25%
Midterm exams	45%
Comprehensive Final Exam (May 14th, 9:40-11:40am)	30%

Disabilities: Colorado State University is committed to providing reasonable accommodations for all persons with disabilities. Students with disabilities who need accommodations must first contact Resources for Disabled Students before requesting accommodations for this class. Resources for Disabled Students (RDS; <http://www.rds.colostate.edu>) is located in room 100 of the General Services Building. Their phone is (970) 491-6385 (V/TDD). Students who need accommodations in this course must contact the instructor in a timely manner (at least one week before examinations) to discuss needed accommodations.

Academic Integrity: As a Colorado State University student, you have agreed to abide by the University Policy on Academic Integrity (see University Policies → Students Responsibilities → Academic Integrity/Misconduct in the General Catalog <http://catalog.colostate.edu/general-catalog/>) and by the Student Conduct Code. Please see <http://tilt.colostate.edu/integrity/> for more on academic integrity at CSU. All academic work must meet the standards described in the Academic Integrity Policy. At a minimum, violations will result in a grading penalty in this course and a report to the Office of Conflict Resolution and Student Conduct Services.

Lack of knowledge of the academic honesty policy is not a viable explanation for a violation. Questions related to coursework and the academic honesty policy should be discussed with the instructor.

You are encouraged to discuss homework problems with your classmates, but the work you turn in must be your own, and in particular you should write up your final solutions independently. Remember that for all work in this course, the CSU honor pledge applies: I have not given, received, or used any unauthorized assistance.