

# MATH 2550-01: Introduction to Linear Algebra

## Spring 2024

**Instructor:** Tony Shaheen

**E-mail:** [ashahee@calstatela.edu](mailto:ashahee@calstatela.edu)

**Office Hours:** Tuesday 4:30-5:30 and Thursday 12:20-1:20 in Simpson Tower 317.

**Course Website:** Follow the link from <http://www.calstatela.edu/research/ashahee/>

**Lectures:** Tuesday and Thursday, 1:40pm – 2:55pm in KH B2012.

**Optional textbook:** The following textbook is optional - Introduction to Linear Algebra, by Gilbert Strang, fifth edition.

**Prerequisite:** Math 2120.

**Description:** Matrices, systems of linear equations, vector spaces, linear transformations, determinants, eigenvectors, eigenvalues.

**Student learning outcomes:** Students who successfully complete this course will be able to define basic terms in elementary linear algebra, be able to perform computations involving concepts in elementary linear algebra, and construct simple proofs involving concepts from elementary linear algebra.

**Grading:** Your grade will be based on two tests and a cumulative final. Each exam will be worth 1/3 of your grade.

**Homework:** Homework will be assigned, but not collected. The homework problems and solutions will be posted on the course website.

**Exams:** There are two tests and a final. The below dates are tentative. The final time/day is scheduled by the school and it may change.

Test 1: Tuesday, March 12, in class

Test 2: Tuesday, April 23, in class

Tentative Final Date: Thursday, May 16, 12pm – 2pm

**ADA statement:** Reasonable accommodation will be provided to any student who is registered with the Office of Students with Disabilities and requests needed accommodation. Let me know if you take your tests with OSD.

**Academic honesty statement:** Students are expected to do their own work. Copying the work of others, cheating on exams, and similar violations will be reported to the University Discipline Officer, who has the authority to take disciplinary actions against students who violate the standards of academic honesty.

**Student responsibilities:** Students are responsible for being aware of all announcements that are made in class, such as changes in exam dates, due dates of homework and papers, and cancellation of class due to instructor's absence. Students are responsible for announcements made on days that they are absent.

Students must check their CSULA email account regularly for information from the instructor and the Department. Failure to do so may result in missed deadlines or other consequences that might adversely affect students. Note that you can forward this email account to any other account of your choosing.