

# MATH 108A: LINEAR ALGEBRA

FALL QUARTER 2025

**Instructor:** Therese Basa Landry, *tlandry@ucsb.edu*

**Course Meeting Place:** Phelps 2516

**Office Hours:** Tuesdays, 2:00-3:30PM, South Hall 4523

**Lectures:** Tuesdays and Thursdays, 3:30 PM - 4:45 PM

**Textbook:** *Linear Algebra Done Right* by Sheldon Axler

**Prerequisite(s):** Math 4A and 8 each with a minimum grade of C.

**Official Course Description:** Abstract vector spaces and subspaces, span and linear independence, basis and dimension, linear maps, eigenvalues and eigenvectors.

**Homework:** Improvement in mathematics takes *practice*. Homework will be posted on the Canvas website. Assignments will be turned in via Gradescope. The lowest two scores will be dropped.

**Exams:** *Progress towards learning goals* will be measured through exams. The midterm exam is preliminarily scheduled for Tuesday, November 4, 3:30 PM - 4:30 PM. The final exam is scheduled for Thursday, December 11, 4:00-7:00PM. Please contact the instructor in the event of a scheduling conflict.

**Grades:** Grades will be determined by Homework (20%), Midterm (40%), and the Final (40%).

**Late Work and Excused Absences:** The rationale for dropping the two lowest homework scores is to give students accommodation for the occasional emergency. No late assignments will be accepted.