

Math 308L - Autumn 2017

- Instructor: Kevin Lui
- Email: klui@uw.edu
- Webpage: kevinlui.org
- Office: Padelford C-8D

Office Hours Office hours will be held in Padelford C-8D. The time will be decided the first week of class.

WebAssign/Book

We will use *Linear Algebra with Applications, Second Edition* by Jeffrey Holt. You must have a WebAssign code to complete the homework. This code gives access to a electronic version of the book. Dr. Andrew Lovelless wrote some really detailed instructions on WebAssign here: <https://sites.math.washington.edu/~m124/WebassignInstructions.pdf>

Objectives

The goal of this course is to introduce students to matrix algebra. Topics include linear systems of equations, linear independence and span, linear transformations, inverses, vector spaces, determinants, eigenvalues and eigenvectors, and the Gram-Schmidt process.

Grading

The class is curved in such a way that the median score will be around a 3.0. I will provide a grade estimate after each midterm. The grades will be weighed as follows:

| Category | Weight |
|----------------------------|--------|
| Homework | 20% |
| Midterm 1 (Week 4 - 10/18) | 20% |
| Midterm 2 (Week 8 - 11/15) | 20% |
| Final (12/14) | 40% |

Homework

Homework assignments are done through WebAssign. The due dates for each assignment will be posted there. You are expected to complete each assignment 2 days before the official due date. I will not grant homework extensions.

I will add 10% to your homework grade unless you are already above a 90%.

Occasionally, I will occasionally post some additional problems for you to look at. They are optional. I will not collect or grade them. The goal of these problems will be to strengthen your conceptual and geometric understanding of the material. Exam problems will be inspired by these additional problems.

Exams

You are allowed the Ti-30x IIS calculator and a single sheet of 2-sided handwritten self written notes.

Makeup Exams

There will be no makeup exams.

In the case of religious holidays or participation in certain university sponsored events, arrangements must be made as soon as possible. Otherwise, I will excuse you from an exam only in unavoidable, compelling, and well-documented circumstances. If you are extremely sick, you must bring me a doctor's note that states you were incapable of taking the quiz or exam. If you are excused from a midterm, your other midterm and final will be weighed more heavily.

If you are not excused and you miss an exam, you will receive a zero.