

Matrix Algebra with Applications

Math 308 M; Spring 2015

Instructor: Josh Swanson

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Course Website: http://www.math.washington.edu/~jps314/m308_sp2015

Office Hours: Mondays from 3:30pm to 4:30pm.

Text: *Linear Algebra with Applications* by Jeffrey Holt. You may purchase a hard copy of the text at the bookstore or use the electronic version that comes with WebAssign.

Course Content: Math 308 is an introductory course in linear algebra intended for students in engineering, mathematics, and the sciences. Topics will include systems of linear equations, vector spaces, matrices, subspaces, orthogonality, least squares, eigenvalues, eigenvectors, and applications.

Grading: Your grade will consist of:

WebAssign	10%
Proof Homeworks	5%
Exam I	25%
Exam II	25%
Final Exam	35%

though I may tweak the grading scheme during the quarter as I see fit.

Homework: Most homework assignments will be assigned and collected via WebAssign. During most weeks, homework will be due at 11:00 p.m. on Thursday, with a couple of exceptions during exam and holiday weeks, when it will be due on Tuesday. See the schedule for specific due dates. There will also be three hand-written “proof homeworks” throughout the quarter, one before each exam. They will be announced beforehand and graded very leniently.

Exams: You will be allowed to use a scientific calculator and one 8.5×11 sheet of **handwritten** notes for the exams. Graphing or programmable calculators and other electronic devices will not be allowed (e.g. no cell phones, no laptops, etc). You may not share a calculator nor a note sheet with another student on an exam.

Exams: All exams will be in the regular lecture room, LOW 201.

Exam I	Wednesday, April 22nd	In lecture
Exam II	Friday, May 15th	In lecture
Final Exam	Tuesday, June 9th	2:30-4:20pm

Make-Ups: Extensions and extra submissions on homework will not be given under any circumstances. You may miss up to 10% of the total number of homework points during the quarter without penalty to your grade.

In the case of observance of religious holidays or participation in university sponsored activities, such as class field trips or athletics, arrangements must be made at least one week in advance for exams. You will be required to provide documentation for your absence.

Make-up exams will not be given. If you miss an exam due to unavoidable, compelling, and well-documented circumstances (e.g., illness, transportation emergency), your final exam may be weighted more heavily. **Contact me immediately if one of these circumstances arises.**

Resources for Students with Disabilities:

The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or dso@u.washington.edu.