

Math 340A - Summer 2018

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Office Hours

See the course page for office hours.

Outline

The textbook is Linear Algebra, 4th Edition, Friedberg, Insel and Spence. I will reference this book and assign some problems from it.

Topics include vector spaces, bases, linear transformations, matrix operations, determinants, eigen-stuff, inner products. This course is intended to be a second exposure to linear algebra. There will be an emphasis on proofs and rigor. But we will also cover applications and computations (with a computer).

Grading

Based on total class percentages, I will choose decide which percentages correspond to a 4.0, the class median, 2.0, and 0.7. The rest of the grades will decided using a piecewise-linear function.

Category	Weight
Homework	20%
Quizzes	20%
Midterm (Week 5 - 7/20)	25%
Final (Last day - 8/17)	35%

Homework

There will be weekly homework posted each Monday due the following Monday. There is a grader for this course. The grader is allowed to reject any assignment if it is incomprehensible or illegible. Not all problems will be looked at. A few problems will be graded for correctness. A few problems will be graded for completion. The lowest homework score will be dropped.

Quizzes

There is a short 15-minute quiz each Friday. The lowest quiz score is dropped.

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 give you a makeup quiz or 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.

Do not miss the exams for travel reasons. You are expected to be here for the midterm and final.