
MATH 350, Spring 2020
Corona Update
Angela Gibney

BASIC COURSE INFORMATION

Office Hours	Mon & Thu, 10:20-11:20 on Webex
Class	Online videos on Sakai
Email	angela.gibney@gmail.com
Textbook	Friedberg, Insel, Spence <i>Linear Algebra</i> , (fifth edition)

HOMEWORK PROBLEMS

Information coming soon.

COURSE SCHEDULE (PRELIMINARY)

Th Jan 23	Abstract vector spaces
M, Th Jan 27, 30	Vectors, linear relations, linear system of equations
M, Th Feb 3, 6	Bases and dimension
M, Th Feb 10, 13	Linear transformations and isomorphisms
M, Thu Feb 17, 20	Matrix representations and change of coordinates
M, Thu Feb 24, 27	Exam Week
M, Thu Mar 2, 5	§4.1-4.4 Determinants and their properties
M, Thu Mar 9, 12	§5.1, §5.2 Eigenvalues, eigenvectors, diagonalizability
M, Th Mar 16, 19	Spring Break
M, Th Mar 23, 26	§5.2 Online teaching info, and more on §5.2 diagonalizability
M, Th Mar 30, Apr 2	Chapter 6 §6.1 inner products and norms, 6.2 orthogonalization optional Exam 2 on Thursday
M, Th Apr 6, 9	Chapter 6 §6.3 adjoints, §6.4 normal and self-adjoint operators
M, Th Apr 13, 16	Chapter 6 §6.5 unitary operators, §6.8 bilinear and quadratic forms
M, Th Apr 20, 23	Chapter 7: §7.1 §7.2 Jordan canonical form I and II
M, Th Apr 27, 30	Chapter 7: §7.3 Cayley Hamilton and minimal polynomial
Mon May 4	Final Exam Review/Practice

GRADING POLICY

I will take the maximum of scores 1 and 2, computed as follows:

Score 1	Exam 1	25%	Score 2	Exam 1	25%
	Exam 2	25%		Homework + quizzes	35%
	Homework + quizzes	25%		Final Exam	40%
	Final Exam	25%			