

14. Tentative Course Schedule

All dates in the table below are tentative, but please use this as an approximate class schedule. Section coverage may change depending on the flow of the course.

Week and Dates	Section Coverage	Topics
Week 1 Jan 9 - 13	Sections 1.1-1.2	Gauss-Jordan Elimination
Week 2 Jan 16 – 20	Sections 1.3-1.4 (no class on Jan 16)	Vector and Matrix Equations Homework #1 due Thursday, Quiz #1 on Friday
Week 3 Jan 23 - 27	Sections 1.4-1.5 Section 1.7	Linear Systems, Linear Independence Homework #2 due Thursday, Quiz #2 on Friday
Week 4 Jan 30 - Feb 3	Sections 1.8-1.9	Linear Transformations Homework #3 due Thursday, Quiz #3 on Friday
Week 5 Feb 6 - 10	Section 2.1 Test Review	Matrix Operations Homework #4 due Thursday, Midterm #1 on Friday (Ch. 1)
Week 6 Feb 13 - 17	Sections 2.2, 2.3	Inverses Homework #5 due Thursday, Quiz #4 on Friday
Week 7 Feb 20 - 24	Section 2.5 Section 2.8	LU Factorization, Subspaces Homework #6 due Thursday, Quiz #5 on Friday
Week 8 Feb 27 - Mar 3	Section 2.9 Section 3.1	Dimension and Rank, Determinants Homework #7 due Thursday, Quiz #6 on Friday
Week 9 Mar 6 - 10	Section 3.2 Test Review	Properties of Determinants Homework #8 due Thursday, Midterm #2 on Friday (Ch. 2,3)
Week 10 Mar 13 - 17	Sections 5.1-5.2	Eigenvalues and Eigenvectors Homework #9 due Thursday, Quiz #7 on Friday
Week 11, March 20 - 25	SPRING BREAK	NO CLASS
Week 12 Mar 27 - 31	Section 5.3 Section 5.5	Diagonalization, Complex Eigenvalues Homework #10 due Thursday, Quiz #8 on Friday
Week 13 Apr 3 - 7	Section 6.1-6.2 Test Review	Inner Products and Orthogonal Sets Homework #11 due Thursday, Midterm#3 on Friday (Ch. 5)
Week 14 Apr 10 - 14	Section 6.3 Section 6.4	Orthogonal Projections, Gram-Schmidt Homework #12 due Thursday, Quiz #9 on Friday
Week 15 Apr 17 - 21	Sections 6.4-6.5	Gram-Schmidt and QR Factorization, Least-Squares Homework #13 due Thursday, Quiz #10 on Friday
Week 16, Apr 24- 25	Final Instructional Days	Review for Final Exam
		Final Exam on April 28, 11:30-2:20