

Calendar

Date		Tentative Schedule	Notes
1/11	Mon	Intro & 1.1: Intro to Linear Systems	
1/12	Tue	1.2: Matrices, Vectors, and Gauss-Jordan Elimination	
1/13	Wed	1.3: Matrix Algebra	
1/14	Thu	1.3, 2.1: Intro to Linear Transformations and Their Inverses	
1/15	Fri	HW: Sections 1.1 - 1.3	Prediction: Sea: 27, Car: 16
1/18	Mon	Martin Luther King Jr. Day - No Class	
1/19	Tue	2.1, 2.2: Linear Transformations in Geometry	
1/20	Wed	2.2, 2.3: Matrix Products	
1/21	Thu	2.3, 2.4: The Inverse of a Linear Transformation	
1/22	Fri	HW: Sections 2.1 - 4	Prediction: Sea: 29, Ari: 20
1/25	Mon	2.4: The Inverse of a Linear Transformation	
1/26	Tue	2.4: The Inverse of a Linear Transformation (start 3.1)	
1/27	Wed	3.1: Image and Kernel	
1/28	Thu	3.2: Subspaces; Bases and LI (also finish 3.1)	
1/29	Fri	HW: Sections 2.2, 2.4, 3.1-2, <b>No Calculator part of Test 1</b>	
2/1	Mon	<b>Test 1 with Calculator:</b> Chapter 1 & 2	
2/2	Tue	3.2: Subspaces; Bases and LI	
2/3	Wed	3.3: The Dimension of a Subspace	
2/4	Thu	3.4: Coordinates	
2/5	Fri	HW: Section 3.1 - 4	Prediction: Sea: 31, Pit: 26
2/8	Mon	3.4: Coordinates	
2/9	Tue	6.1: Intro to Determinants (also finish 3.4)	
2/10	Wed	6.2: Properties of Determinants	
2/11	Thu	7.1: Diagonalization	
2/12	Fri	HW: Section 3.4 - 6.2	
2/15	Mon	President's Day - No Class	
2/16	Tue	7.2: Finding the Eigenvalues of a Matrix	
2/17	Wed	7.3: Finding the Eigenvectors of a Matrix	
2/18	Thu	7.4: Dynamical Systems (w/7.1 introductory example)	
2/19	Fri	HW: Sections 7.1 - 4, <b>No Calculator part of Test 2</b>	
2/22	Mon	<b>Test 2 with Calculators:</b> Chapters 3, 6.1-2, and 7.1-3	
2/23	Tue	7.4: Dynamical Systems	
2/24	Wed	7.5: Complex Eigenvalues	
2/25	Thu	7.5: Complex Eigenvalues	
2/26	Fri	7.6: Stability	Movie Night, My Birthday on 2/27
2/29	Mon	7.6: Stability	
3/1	Tue	5.1: Orthogonal Projections and Bases	
3/2	Wed	5.1: Orthogonal Projections and Bases	
3/3	Thu	5.2: Gram-Schmidt and QR Factorization	Melissa's Birthday
3/4	Fri	HW: Sections 7.5-6 and 5.1-2	
3/7	Mon	5.3: Orthogonal Transformations and Matrices	
3/8	Tue	5.4: Least Squares and Data Fitting	
3/9	Wed	4.1: Intro to Linear Spaces	
3/10	Thu	HW: Sections 5.3-4 and 4.1, <b>No Calculator part of Test 3</b>	
3/11	Fri	<b>Test 3 with Calculators:</b> Chapter 7 and 5.1-2	Faith's Birthday on 3/13
3/14	Mon	4.2: Linear Transformations and Isomorphisms	
3/15	Tue	4.3: The Matrix of a Linear Transformation	
3/16	Wed	4.3: The Matrix of a Linear Transformation	
3/17	Thu	6.3: Geometrical Interpretations of the Determinant	
3/18	Fri	HW: Sections 4.1-3 and 6.3	My 16th Anniversary
3/21	Mon	Review	Last Day of Class
3/22	Tue	<b>Final Exam:</b> 11 - 12:50pm	
3/23	Wed		