

Calendar

Date		Class Schedule of Topics	Notes
1/11	Mon	Introductions	
1/12	Tue	1.1: Systems of Linear Equations	
1/13	Wed	1.2: Row Reduction and Echelon Form	
1/14	Thu	1.3: Vector Equations	
1/15	Fri	1.4: The Matrix Equation $Ax=b$	
1/18	Mon	Martin Luther King Jr. Day - No Class	
1/19	Tue	1.5: Solution Sets of Linear Systems	
1/20	Wed	1.7: Linear Independence	
1/21	Thu	1.8: Linear Transformations	
1/22	Fri	Catch up day	
1/25	Mon	Assessment	
1/26	Tue	1.9: Matrix of a Linear Transformation	
1/27	Wed	2.1: Matrix Operations	
1/28	Thu	2.2: Inverse of a Matrix	
1/29	Fri	Catch up day	
2/1	Mon	Assessment	
2/2	Tue	2.3: Characteristics of Invertible Matrices	
2/3	Wed	3.1 & 3.2: Determinants	
2/4	Thu	3.1 & 3.2: Determinants	
2/5	Fri	Catch up day	Super Bowl on Sunday
2/8	Mon	Assessment	
2/9	Tue	4.1: Vector Spaces and Subspaces	
2/10	Wed	4.1: Vector Spaces and Subspaces	
2/11	Thu	4.1: Vector Spaces and Subspaces	
2/12	Fri	4.2: Null Spaces, Column Spaces, and Linear Transformations	
2/15	Mon	President's Day - No Class	Valentine's Day on 2/14
2/16	Tue	4.2: Null Spaces, Column Spaces, and Linear Transformations	
2/17	Wed	4.2: Null Spaces, Column Spaces, and Linear Transformations	
2/18	Thu	4.3: Linearly Independent Sets; Bases	
2/19	Fri	4.3: Linearly Independent Sets; Bases	
2/22	Mon	Assessment	
2/23	Tue	4.4: Coordinates	
2/24	Wed	4.4: Coordinates	My Brother's 19th Anniversary
2/25	Thu	4.5: Dimension and Rank	
2/26	Fri	4.5: Dimension and Rank	My Birthday on 2/27
3/1	Mon	Assessment	"i Day"
3/2	Tue	4.6: Change of Basis	
3/3	Wed	5.1: Eigenvectors & Eigenvalues	Melissa's Birthday
3/4	Thu	5.2: The Characteristic Equation	
3/5	Fri	5.3: Diagonalization	
3/8	Mon	Assessment	
3/9	Tue	5.3: Diagonalization	
3/10	Wed	6.1: Inner Product, Length, & Orthogonality	
3/11	Thu	6.1: Inner Product, Length, & Orthogonality	
3/12	Fri	6.2: Orthogonal Sets	Faith's Birthday on 3/13
3/15	Mon	Assessment	Pi Day on Sunday
3/16	Tue	6.2: Orthogonal Sets	
3/17	Wed	6.3 & 6.4: Orthogonal Projections & Gram-Schmidt	
3/18	Thu	6.3 & 6.4: Orthogonal Projections & Gram-Schmidt	My 21st Anniversary
3/19	Fri	6.5 & 6.6: Least-Squares Problems	My Parent's 44th Anniversary
3/22	Mon	6.5 & 6.6: Least-Squares Problems	
3/23	Tue	Final Assessment	