

Calendar

Date		Class Schedule of Topics	Notes
1/6	Mon	Introductions	
1/7	Tue	1.1: Systems of Linear Equations	
1/8	Wed	1.2: Row Reduction and Echelon Form	
1/9	Thu	1.3: Vector Equations	
1/10	Fri	Assessment	
1/13	Mon	1.4: The Matrix Equation $Ax=b$	
1/14	Tue	1.5: Solution Sets of Linear Systems	
1/15	Wed	1.7: Linear Independence	
1/16	Thu	1.8: Linear Transformations	
1/17	Fri	Assessment	
1/20	Mon	Martin Luther King Jr. Day - No Class	
1/21	Tue	1.9: Matrix of a Linear Transformation	
1/22	Wed	2.1: Matrix Operations	
1/23	Thu	Catch up day	
1/24	Fri	Assessment	
1/27	Mon	2.2: Inverse of a Matrix	
1/28	Tue	2.3: Characteristics of Invertible Matrices	
1/29	Wed	3.1 & 3.2: Determinants	
1/30	Thu	3.1 & 3.2: Determinants	
1/31	Fri	Assessment	Super Bowl on Sunday
2/3	Mon	4.1: Vector Spaces and Subspaces	
2/4	Tue	4.2: Null Spaces, Column Spaces, and Linear Transformations	
2/5	Wed	4.3: Linearly Independent Sets; Bases	
2/6	Thu	Catch up day	
2/7	Fri	Assessment	
2/10	Mon	4.4: Coordinates	
2/11	Tue	4.5/4.6: Dimension and Rank	
2/12	Wed	4.5/4.6: Dimension and Rank	
2/13	Thu	Catch up day	
2/14	Fri	Assessment	Valentine's Day
2/17	Mon	President's Day - No Class	
2/18	Tue	4.7: Change of Basis	
2/19	Wed	5.1: Eigenvectors & Eigenvalues	
2/20	Thu	5.2: The Characteristic Equation	
2/21	Fri	Assessment	
2/24	Mon	5.3: Diagonalization	My Brother's 18th Anniversary
2/25	Tue	6.1: Inner Product, Length, & Orthogonality	
2/26	Wed	6.2: Orthogonal Sets	
2/27	Thu	Catch up day	My Birthday on 2/27
2/28	Fri	Assessment	No "i Day" in 2020
3/2	Mon	6.3 & 6.4: Orthogonal Projections & Gram-Schmidt	
3/3	Tue	6.3 & 6.4: Orthogonal Projections & Gram-Schmidt	Melissa's Birthday
3/4	Wed	6.3 & 6.4: Orthogonal Projections & Gram-Schmidt	
3/5	Thu	Catch up day	
3/6	Fri	Assessment	
3/9	Mon	6.5 & 6.6: Least-Squares Problems	
3/10	Tue	6.5 & 6.6: Least-Squares Problems	
3/11	Wed	6.5 & 6.6: Least-Squares Problems	
3/12	Thu	Catch up day	
3/13	Fri	Assessment	Faith's Birthday
3/16	Mon	Review	Pi Day on Saturday
3/17	Tue	Final Exam: 10 - 11:50am	

Date and Time	Tentative Online Assignment Schedule	Category
1/10 Fri 9:45am	1.1: Systems of Linear Equations	Homework
1/12 Sun 11:51pm	1.1: Systems of Linear Equations	Quiz
1/13 Mon 9:45am	1.2: Row Reduction & Echelon Forms	Homework
1/14 Tue 9:45am	1.3: Vector Equations	Homework
1/16 Thu 9:45am	1.4: Matrix Equations	Homework
1/17 Fri 9:45am	1.5: Solution Sets of Linear Systems	Homework
1/20 Mon 11:51pm	1.2: Row Reduction & Echelon Forms	Quiz
1/20 Mon 11:52pm	1.3: Vector Equations	Quiz
1/20 Mon 11:53pm	1.4: Matrix Equations	Quiz
1/20 Mon 11:54pm	1.5: Solution Sets of Linear Systems	Quiz
1/20 Mon 11:55pm	1.6: Applications of Linear Systems	Homework
1/21 Tue 9:45am	1.7: Linear Independence	Homework
1/22 Wed 9:45am	1.8: Linear Transformations	Homework
1/26 Sun 11:51pm	1.7: Linear Independence	Quiz
1/26 Sun 11:52pm	1.8: Linear Transformations	Quiz
1/24 Fri 9:45am	1.9: The Matrix of a Linear Transformation	Homework
1/26 Sun 11:53pm	1.9: The Matrix of a Linear Transformation	Quiz
1/27 Mon 9:45am	2.1: Matrix Operations	Homework
1/30 Thu 9:45am	2.2: Inverse of a Matrix	Homework
2/2 Sun 11:51pm	2.1: Matrix Operations	Quiz
2/2 Sun 11:52pm	2.2: Inverse of a Matrix	Quiz
2/2 Sun 11:53pm	2.3: Characterizations of Invertible Matrices	Quiz
2/4 Tue 9:45am	3.1/3.2: Determinants	Homework
2/6 Thu 9:45am	4.1: Vector Spaces and Subspaces	Homework
2/7 Fri 9:45am	4.2: Null Spaces, Column Spaces, and Linear Transformations	Homework
2/9 Sun 11:51pm	3.1/3.2: Determinants	Quiz
2/9 Sun 11:52pm	4.1: Vector Spaces and Subspaces	Quiz
2/9 Sun 11:53pm	4.2: Null Spaces, Column Spaces, and Linear Transformations	Quiz

Date and Time	Tentative Online Assignment Schedule	Category
2/10 Mon 9:45am	4.3: Linearly Independent Sets; Bases	Homework
2/13 Thu 9:45am	4.4: Coordinate Systems	Homework
2/17 Mon 11:51pm	4.3: Linearly Independent Sets; Bases	Quiz
2/17 Mon 11:52pm	4.4: Coordinate Systems	Quiz
2/18 Tue 9:45am	4.5/4.6: Dimension & Rank	Homework
2/21 Fri 9:45am	4.7: Change of Basis	Homework
2/23 Sun 11:51pm	4.5/4.6: Dimension & Rank	Quiz
2/23 Sun 11:52pm	4.7: Change of Basis	Quiz
2/24 Mon 9:45am	5.1: Eigenvectors & Eigenvalues	Homework
2/25 Tue 9:45am	5.2: The Characteristic Equation	Homework
2/27 Thu 9:45am	5.3: Diagonalization	Homework
2/28 Fri 9:45am	6.1: Inner Product, Length, & Orthogonality	Homework
3/1 Sun 11:51pm	5.1: Eigenvectors and Eigenvalues	Quiz
3/1 Sun 11:52pm	5.2: The Characteristic Equation	Quiz
3/1 Sun 11:53pm	5.3: Diagonalization	Quiz
3/1 Sun 11:54pm	6.1: Inner Product, Length, & Orthogonality	Quiz
3/2 Mon 9:45am	6.2: Orthogonal Sets	Homework
3/8 Sun 11:51pm	6.2: Orthogonal Sets	Quiz
3/9 Mon 9:45am	6.3/6.4: Orthogonal Projections & Gram-Schmidt	Homework
3/15 Sun 11:51pm	6.3: Orthogonal Projections	Quiz
3/15 Sun 11:52pm	6.4: Gram-Schmidt Process	Quiz
3/16 Mon 9:45am	6.5/6.6: Least-Squares Problems	Homework
3/17 Tue 9:45am	6.5/6.6: Least-Squares Problems	Quiz