Linear Algebra, Spring 2026				
Week	Date	Section & Subject	Deadlines	Weight
1a	10/Feb	1.1 : Systems of Linear Equations 1.2 : Row Reduction and Echelon Forms		
1b	13/Feb	1.2 : Row Reduction and Echelon Forms 1.3 : Vectors and Vector Equations		
2a	17/Feb	1.4 : Matrices and Matrix-Vector Equations 1.5 : Solution Sets		
2b	20/Feb	1.7 : Linear Independence		
3a	24/Feb	1.8 : Linear Transformations 1.9 : The Matrix of a Linear Transformation	Assignment 1	1.5%
3b	27/Feb	1.9 : Examples of Linear Transformation 2.1 : Matrix Algebra		
4a	3/Mar	2.2 : The Inverse of a Matrix 2.3 : Characterizations of Invertible Matrices	Assignment 2	1.5%
4b	6/Mar	*Revision & practice*		
5a	10/Mar	**Exam 1**		30%
5b	13/Mar	3.1 : Introduction to Determinants		
6a	17/Mar	3.2 : Properties of Determinants		
6b	20/Mar	3.3 : More on Determinants		
7a	24/Mar	4.1 : Vector Spaces, Subspaces	Assignment 3	1.5%
7b	27/Mar	4.1 : Null and Column Spaces 4.2 : Linear transformations		
8a	31/Mar	4.3 : Linearly Independent Sets, Basis 4.5 : The Dimension of a Vector Space		
8b	3/Apr	*Good Friday - no class*		
9a	7/Apr	4.3 : Determining bases of subspaces 4.6 : Rank of a matrix and Rank Theorem	Assignment 4	1.5%
9b	10/Apr	*Revision & practice*		
10a	14/Apr	**Exam 2**		30%
10b	17/Apr	5.1 : Eigenvectors and Eigenvalues		
11a	21/Apr	5.2 : The Characteristic Equation 5.3 : Diagonalization		
11b	24/Apr	6.1 : Inner Product, Length, Orthogonality		
12a	28/Apr	*Break - no class*		
12b	1/May	*Break - no class*		
13a	5/May	*Liberation Day - no class*		
13b	8/May	6.2 : Orthogonal Sets 6.3 : Orthogonal Projections	Assignment 5	2%
14a	12/May	6.4 : The Gram-Schmidt Process 6.5 : Least-Squares Solutions		
14b	15/May	*Ascension Day - no class*		
15a	19/May	*Revision & practice*	Assignment 6	2%
15b	22/May	**Exam 3**		30%