

Week	Lecture	Tutorial	Remarks
Week 1 8 th Jan – 12 th Jan	L1: System of linear equations, Matrices and its operations L2: Gaussian Elimination		
Week 2 15 th Jan – 19 th Jan	L3: Gaussian Elimination, Invertible Matrices L4: Applications I (Assignment Problem)		
Week 3 22 nd Jan – 26 th Jan	L5: Invertible Matrices, Determinants L6: Euclidean n-space and Subspaces	Tutorial 1 (covers L1 to L3)	Lab 1
Week 4 29 th Jan – 2 nd Feb	L7: Subspaces, Linear Span L8: Applications II (LU Factorization, Markov Chains)	Tutorial 2 (covers L1 to L6)	Lab 2
Week 5 5 th Feb – 9 th Feb	L9: Linear Span, Linear Independence and Bases L10: Bases	Tutorial 3 (covers L1 to L8)	Lab 3
Week 6 12 th Feb – 16 th Feb	L11: Applications III (Linear Programming) Fri 6/2: Test 1 (topics include everything from L1 to L10)	Tutorial 4 (covers L1 to L10)	Test 1
Recess Week 17 th Feb – 25 th Feb			
Week 7 26 th Feb – 2 nd Mar	L12: 4 fundamental spaces of a matrix, Inner product L13: Applications IV (Graphs and Networks I)	Tutorial 5 (covers L1 to L11)	Lab 4
Week 8 5 th Mar – 9 th Mar	L14: Orthogonality, Orthogonal and Orthonormal Bases L15: Orthogonal Matrices	Tutorial 6 (covers L1 to L13)	Lab 5
Week 9 12 th Mar – 16 th Mar	L16: Eigenvalues and Eigenvectors L17: Applications V (Graphs and Networks II)	Tutorial 7 (covers L1 to L15)	Assignment given
Week 10 19 th Mar – 23 rd Mar	L18: Diagonalization L19: Applications VI (Information Retrieval and Best Approximations)	Tutorial 8 (covers L1 to L17)	
Week 11 26 th Mar – 30 th Mar	L20: Orthogonal Diagonalization Fri 30/3: Test 2 (topics include everything from L1 to L19)	Tutorial 9 (covers L1 to L19)	Test 2 Assignment due
Week 12 2 nd Apr – 6 th Apr	L21: Linear Transformations Friday is a Public Holiday	Tutorial 10 (covers L1 to L21)	6 th Apr Fri P/H
Week 13 9 th Apr – 13 th Apr	L22: Geometric Transformations L23: Revision Lecture	Tutorial 11 (covers L1 to L22)	
Reading Week 14 th Apr – 20 th Apr			
Examination Period 21 st Apr – 5 th May			
Vacation 6 th May – 5 th Aug			