

Math 4305
Spring 2008
A. D. Andrew

Monday	Tuesday	Wednesday	Thursday	Friday
7 Jan Introduction. Ch 1: Elimination, LU factorization	8	9 Ch 1	10	11 Ch 1
14 Ch 2: Vector spaces, subspaces, linear transformations	15	16 Ch 2	17	18 Ch 2
21 HOLIDAY	22	23 Ch 2	24	25 Ch 2
28 Ch 3: Orthogonality, Gram-Schmidt, Least squares, QR factorization	29	30 Ch 3	31	1 Feb Ch 3
4 Ch 3	5	6 Ch 3	7	8 Ch 3
11 HOUR TEST	12	13 Discuss Test Ch 4 Determinants	14	15 Ch 4
18 Ch 5: Eigenvalues and Eigenvectors	19	20 Ch 5	21	22 Ch 5
25 Ch 5	26	27 Ch 5	28	29 DROP DAY Ch 5
3 Mar Ch 5	4	5 Singular Value Decomposition	6	7 SVD
10 HOUR TEST	11	12 Discuss Test SVD	13	14 Ch 5
17 SPRING BREAK	18 SPRING BREAK	19 SPRING BREAK	20 SPRING BREAK	21 SPRING BREAK

24 Ch 6: Positive Definite matrices	25	26 Ch 6	27	28 Ch 6
31 Ch 6	1 Apr	2 Ch 7: Norms, condition numbers, iterative methods	3	4 Ch 7
7 Ch 7	8	9 Ch 7	10	11 Ch 7
14 HOUR TEST	15	16 Discuss Test Topics	17	18 Topics
21 Topics	22	23 Review	24	25 Review
28 EXAM WEEK	29	30	1 May	2