Math 4305
Summer 2001
Xingxing Yu/A. D. Andrew

Monday	Tuesday	Wednesday	Thursday	Friday
14 May Classes begin Ch 1 Elimination, LU	**15**	**16** Ch 1: Elimination, LU	**17**	**18** Ch 2: Vector Spaces, linear transformations
21 Ch 2: Vector Spaces, linear transformations	**22**	**23** Ch 2: Vector Spaces, linear transformations	**24**	**25** Ch 2: Vector Spaces, linear transformations Ch 3: Orthogonality
28 HOLIDAY	**29**	**30** Ch 3: Orthogonality	**31**	**1** Ch 3: Orthogonality
4 June Ch 3: Orthogonality	**5**	**6** Ch 3: Orthogonality	**7**	**8** TEST
11 Ch4: Determinants		**13** Ch4: Determinants Ch 5: Eigenvalues, Eigenvectors	**14**	**15** DROP DAY Ch 5: Eigenvalues, Eigenvectors
18 Ch 5: Eigenvalues, Eigenvectors	**19**	**20** Ch 5: Eigenvalues, Eigenvectors	**21**	**22** Ch 5: Eigenvalues, Eigenvectors
25 Cayley-Hamilton Thm	**26**	**27** SVD	**28**	**29** SVD
2 July Ch 6: Positive Definite Matrices	**3**	**4** HOLIDAY	**5**	**6** Ch 6: Positive Definite Matrices
9 Ch 6: Positive Definite Matrices	**10**	**11** Ch 7: Norms, condition numbers, iterative methods	**12**	**13** TEST
16 Ch 7: Norms, condition numbers, iterative methods	17	**18** Perron-Frobenius Theory	**19**	**20** Perron-Frobenius Theory
23 Perron-Frobenius Theory	**24**	**25** Review	**26**	**27** Review
30 FINAL EXAMS (Begin Sat 28 July)	**31** FINAL EXAMS	**1** FINAL EXAMS	**2**	**3**