Day	TuTh	Sections covered	Description	Actually covered	Chapter/Topic	
1	1/24/2017	1.1,1.2,1.3	Intro, iteration method	intro, iteration method	Solving nonlinear equations numerically	
2	1/26/2017	1.4	Newton's method	more iteration		
3	1/31/2017	1.5,1.6	Secant & Bisection methods	relaxation and newton		
4	2/2/2017	1.7	Global behaviour	secant & bisection		
5	2/7/2017	2.1,2.2	Intro, Gaussian elimination		Numerical linear algebra	
6	2/9/2017	2.3	LU factorization			**HW1**
7	2/14/2017	2.4, 2.5	Pivoting + systems			
8	2/16/2017	2.7	Norms and condition numbers			
9	2/21/2017	2.7 cont'd	Condition numbers			
10	2/23/2017	2.9	Least squares method			**HW2**
11	2/28/2017	5.4	Gerschgorin thms		Eigenvalue algorithms	
12	3/2/2017	5.8	power method + inverse iteration			
13	3/7/2017	5.5	Householder method			
14	3/9/2017	**MIDTERM**				**HW 3**
15	3/14/2016	SPRING BREAK				
16	3/16/2016	SPRING BREAK				
17	3/21/2015	5.7	QR algorithm			
18	3/23/2015	5.9, 5.10	Rayleigh quotient and perturbations			**HW 4**
19	3/28/2015	6.2, 6.3	Lagrange interpolation			
20	3/30/2015	6.4	Hermite interpolation			
21	4/4/2015	7.2,7.3	Newton Cotes			
22	4/6/2015	10.2	Gaussian quadrature		interpolation	**HW 5**
23	4/11/2015	9.1, 9.2	Polynomial interpolation			
24	4/13/2015	9.3, 9.4	Polynomial interpolation			
25	4/18/2015	11.1, 11.2	splines			
26	4/20/2015	12.1	intro		initial value problems	**HW 6**
27	4/25/2015	12.2	one step methods			
28	4/27/2015	12.4	implicit methods			
29	5/2/2015	12.7	zero stability			
30	5/4/2015	Review				**HW 7**
31	5/9/2015	Review				
		FINAL	**Exact date to be determined**			