Week #	DATE		SECTION	Topic	HW /project due Date
1	Tue, Jan 8 Thu, Jan 10	Errors	3.1 3.3; 3.4	Intro + round -off error	
2	Tue, Jan 15 Thu, Jan 17		4.1	Taylor series Truncation error	Hw1
3	Tue, Jan 22 Thu, Jan 24	Roots	4.2;4.3 5.1;5.2;5.3	Intro Fortran Roots of eq: Bracketing methods	Hw2
4	Tue, Jan 29 Thu, Jan 31		5.3 6.1;6.2	Roots of eq: Open methods	Lab1 Hw3
5	Tue, Feb 5 Thu, Feb 7		6.3 6.4;6.5	Roots of equations	Lab2 Hw4
6	Tue, Feb 12 Thu, Feb 14	Systems	9.1;9.2 9.3;9.4	Gauss Elimination	Lab3 Hw5
7	Tue, Feb 19 Thu, Feb 21		9.6;9.7 10.1	LU decomposition	Lab4 Hw6
8	Tue, Feb 26 Thu, Feb 28		10.2;10.3	Inverse matrix	Project1
9	Tue, Mar 5 Thu, Mar 7		11.1;11.2	Jacobi, Gauss Seidel	Hw7
10	Tue, Mar 12 Thu, Mar 14			SPRING BREAK	
11	Tue, Mar 19 Thu, Mar 21	Optimization	13.1 13.2;13.3	Optimization cont.	Lab5 (Hw8)
12	Tue, Mar 26 Thu, Mar 28	curve fitting	17.1 17.2 18.1	Least Square Regression Interpolation	Lab6
13	Tue, Apr 2 Thu, Apr 4			Interpolation Splines	Lab7
14	Tue, Apr 9 Thu, Apr 11	numerical integration and	18.2;18.3 21.1;21.2	Numerical integration	HW9 Lab8
15	Tue, Apr 16 Thu, Apr 18		23.1;23.2	Numerical differentiation	Project 2 Hw10
16	Tue, Apr 23 Thu, Apr 25	ODE's	25.1 25.2;25.3	Numerical ODE's cont.	HW11 Lab9