

Tentative Schedule

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Intro 1.1 – Definitions and Terminology 30	31	Feb. 1 1.1 – Continued 1.2 – Initial-Value Problems	2	3
2	2.1.1 – Direction Fields 2.2 – Separable Equations 6	7	8 2.2 – Continued 2.3 – Linear Equations	9	10
3	2.3 – Continued 2.4 – Exact Equations 13	14	15 2.4 – Continued 2.5 – Solutions by Substitutions	16	17 Holiday
4	Holiday 20	21	22 2.6 – Euler's Method	23	24
5	Exam (Ch. 1 & 2) 27	28	March 1 3.1 – Linear Models	2	3
6	3.1 – Continued 4.1 – Preliminary Theory – Linear Equations 6	7	8 4.1 – Continued	9	10
7	4.2 – Reduction of Order 4.3 – Homogeneous Linear Equations with Constant Coefficients 13	14	15 4.3 – Continued 4.4 – Undetermined Coefficients – Superposition Approach	16	17
8	4.4 - Continued 20	21	22 4.6 – Variation of Parameters	23	24
9	4.6 – Continued 27	28	29 Exam (Ch. 3.1 & 4)	30	31
	April 3	4	5	6	7
10	4.7 – Cauchy-Euler Equations 10	11	12 5.1 – Linear Models: Initial-Value Problems	13	14
11	5.1 – Continued 17	18	19 6.1 – Review of Power Series 6.2 – Solutions About Ordinary Points	20	21
12	6.2 – Continued 24	25	26 7.1 – Definition of the Laplace Transform	27	28
13	May 1 7.2 – Inverse Transforms and Transforms of Derivatives 2	2	3 8.1 – Preliminary Theory – Linear Systems	4	5
14	8.2 – Homogeneous Linear Systems 8	9	10 Exam (4.7, 5.1, 6.1-6.2, 7.1-7.2, 8.1)	11	12
15	Fourier Series 15	16	17 Review	18	19
16	22	23	24 Final 10:30 – 12:30	25	26

This schedule is subject to change. Contact your instructor if you have any questions.