Course Schedule: This is the most up-to-date schedule for lecture topics (revised November 20, 2023). This schedule (except for test dates) is subject to change as the course progresses. For your reference, here is the original schedule (posted on the first day of class). Numbers such as "1.3" refer to sections in your text.

Lec #	Day	Date	Reading	Topic	(Quiz #) & Hwk
1	Tu	Aug. 22	1.1–1.2	Solutions and Initial value problems	
2	Th	Aug. 24	1.3–1.4, 2.1–2.2	Direction fields, Euler Approx., Separable eqs.	(1) Syllabus
3	Tu	Aug. 29	2.2–2.3	Sep. equations (cont'd) & 1st-order linear eqs.	
4	Th	Aug. 31	2.4	Exact equations	(2) 1.1–1.4
5	Tu	Sept. 5	3.1–3.2	Application examples (Mixing)	
6	Th	Sept. 7	4.1–4.2	Second-order linear equations	(3) 2.1–2.4
7	Tu	Sept. 12	4.3	Homogeneous equations	
8	Th	Sept. 14	4.4	Undetermined coefficients	(4) 3.2, 4.1–4.2
	Tu	Sept. 19		NO CLASS (Wellness Day)	
9	Th	Sept. 21	4.5	Undeterm. coeff. (cont'd) & Superposition	(5) 4.3–4.4
10	Tu	Sept. 26	4.9–4.10	Mechanical vibrations & Review	
	Th	Sept. 28		**Exam 1**	(no quiz) 4.5
11	Tu	Oct. 3	7.1–7.2	Laplace transforms	
12	Th	Oct. 5		Laplace transforms (cont'd)	(6) 4.9–4.10
	Tu	Oct. 10		NO CLASS (Fall Break)	
13	Th	Oct. 12	7.3	Properties of Laplace transforms	(7) 7.1–7.2
14	Tu	Oct. 17		Properties of Laplace transforms (cont'd)	
15	Th	Oct. 19	7.4–7.5	Inverse Laplace transforms	(8) 7.3
16	Tu	Oct. 24	7.6–7.7	Laplace examples	
17	Th	Oct. 26	7.8–7.9	Laplace examples (cont'd)	(9) 7.4–7.5
18	Tu	Oct. 31	9.1–9.3	Review & First-order systems, matrices, vectors	
	Th	Nov. 2		**Exam 2**	(no quiz) 7.6–7.9
19	Tu	Nov. 7	9.5	Eigenvalues and eigenvectors	
20	Th	Nov. 9	9.4	Solving linear systems with eigen-stuff	(10) 9.1–9.3
21	Tu	Nov. 14	9.6	Solving linear systems with eigen-stuff (cont'd)	
22	Th	Nov. 16	(9.8)	Solving with eigenstuff & Matrix Exponential	(11) 9.4–9.5
23	Tu	Nov. 21	5.4, 12.1–12.2	The phase plane & Lin. systems in the plane	
	Th	Nov. 23		NO CLASS (Thanksgiving)	(no quiz) 9.6, 5.4
24	Tu	Nov. 28	12.3, (8.3)	Almost-linear systems, Series solutions of ODEs	
25	Th	Nov. 30		Modeling presentation & Review	(12) 12.1–12.3
26	Tu	Dec. 5		Review	
	Th	**Dec. 7**		FINAL EXAM, 8:30–11:00 a.m. (usual room)	