Jan. Feb.	$\begin{array}{c} 27\\ 29 \end{array}$	Introduction & Overview	Taylor Chs. 1–2
Feb.	29		10,101 010.1 1
Feb.		The Simple Pendulum	
Feb.	31	Writing reports in $\mathbb{I}_{E}X$; Introduction to Uncertainty	Taylor Ch. 3
	3	Statistical Analysis	Taylor Ch. 4
	5	Normal Distribution	Taylor Ch. 5
	7	Pendulum Report Due; Least Squares; Mathematical Tools	Taylor Ch. 5
	10	Torsional Pendulum (Part 1)	
	12	Torsional Pendulum continued	
	14	HW $\#1$; Linear fits	Taylor Ch. 8
	17	Nonlinear fits	Taylor Ch. 8
	19	Torsional Pendulum <i>continued</i>	U U
	21	Torsional (1) Report Due; Damped Oscillations	
	24	Torsional Pendulum (Part 2)	
	26	HW $\#2$; Torsional Pendulum (2) <i>continued</i>	
	28	Numerical Modeling; Air drag	
Mar.	3	continued	
	5	Torsional (2) Report Due; Numerical Modeling <i>continued</i>	
	7	Resonance—Theory	
	10	Mechanical Resonance	
	12	HW $\#3$; Resonance <i>continued</i>	
	14	continued	
	17 - 21	Spring Break	
	24	continued	
	26	Complex Impedance	
	28	Resonance Report Due; RLC Circuits—Theory	
	31	RLC Damped Oscillations—Experiment	
Apr.	2	HW #4; RLC continued	
•	4	continued	
	7	RLC Report Due	
	9	RLC Resonance—Theory	
	11	RLC Resonance Experiment	
	14	continued	
	16	continued	
	18	RLC Resonance Report due; Fourier Analysis	
	21	Fourier Analysis continued	
	23	HW $\#5$; Oral Reports	
	25	Oral Reports	
	28	AC Filters	
	30	Oral Reports	
May	2	Oral Reports	
v	5	AC Filters Report Due; Superconductivity	
	7	Oral Reports	
	9	HW # 6	
	14	Superconductivity Report Due	

Revised February 21, 2025