		Physics 218	
		Lab Schedule, Spring 2019	
Date		**Experiment**	**Report Due**
Jan.	31	Introduction	
Feb.	7	Numerical Simulations in *Mathematica*	
	14	The Pendulum	*Mathematica* Report
	21	The Torsional Oscillator: Part 1	Pendulum Report
	28	The Torsional Oscillator: Part 2	
Mar.	7	Introduction to Numerical Simulations in Python	Torsion 1 Report
	14	Resonance in AC Circuits	Torsion 2 Report
	18–22	*Spring Break*	
	28	Simulating a Damped, Driven Oscillator	Python Report
Apr.	4	Simulations *continued*	Resonance Report
	11	Coupled Oscillators	Duffing Report
	18	Coupled Oscillators *continued*	
	25	AC Circuits and Filters	Coupled Oscillators Report
May	2	AC Circuits and Fourier Analysis	AC Report
	9	Fourier Analysis *continued*	
	13		Fourier Report

January 28, 2019