		Physics 218 Lab Schedule, Spring 2020	
Date		**Experiment**	**Report Due**
Jan.	30	Numerical Simulations in *Mathematica*	
Feb.	6	The Pendulum	*Mathematica* Report
	13	The Torsional Oscillator: Part 1	Pendulum Report
	20	The Torsional Oscillator: Part 2	Torsion 1 Report
	27	Resonance in AC Circuits	Torsion 2 Report
Mar.	5	Introduction to Numerical Simulations in Python	Resonance Report
	12	Simulating a Damped, Driven Oscillator	Python Report
	16–20	*Spring Break*	
	26	Coupled Oscillator Simulations	Duffing Report
Apr.	2	Coupled Oscillators *continued*	
	9	Vibrating String Simulations	Coupled Oscillators Report
	16	AC Circuits and Filters	String Simulations Report
	23	AC Circuits and Fourier Analysis	Filters Report
	30	AC Circuits and Fourier Analysis *continued*	
May	7	Wave Simulations	Fourier Report
	12		Wave Report

January 27, 2020