

PHY2212K Summer 2017 Lab Schedule

Days	Read this Textbook Chapter	Tutorial	Homework due This Day	Experiment Number	Experiment
June 4-5		Assessment			Excel Skills Refresher
June 6-7	20,21	Superposition and reflection of pulses		1	Speed of Waves on a String
June 11-12	21	Reflection and transmission	p. 113 #1 and 2	2	Superposition of Waves on a String
June 13-14	22	Two source interference	p. 119 # 1 and 2	3	Double Slit Interference
June 18-19	23	Plane mirrors	p. 145 # 1 and 2	4	Index of Refraction and Total Internal Reflection
June 20-21	23,24	Convex lenses	pp. 133-134 # 1 and 2	5	Lenses and Ray Tracing
June 25-26	25	Charge	pp. 139-140 # 1 and 2	6	Electric Charge and Force
June 27-28	26,27	Electric field and flux	pp. 75-76 #1, 2, and 3	7	Electric Field
July 2-3	28,29	Electric potential difference	pp. 79-81 # 1 and 3	8	Electric Potential Energy and Electric Potential
July 4-5		No Labs			
July 9-10	30,31	Model for circuits I	p. 91 # 1 and 2	9	Electric Current, Resistance, and Voltage in Simple Circuits
July 11-12	31	RC circuits	pp. 101-102 # 1 and 2	10	DC and RC Circuits
July 16-17	32	Magnets and magnetic fields	p. 103 # 1	11	Magnetic Fields
July 18-19	32	Magnetic interactions	pp. 105-106 # 1 and 2		Assessment