PHY2211K Fall 2017 Lab Schedule

Days	Read this Textbook Chapter	Watch this Video*	Tutorial	Homework due This Day	Experiment Number	Experiment
August 21-24			Assessment			Excel Skills
August28-31	1	Slice 103	Velocity		1	From Motion Diagrams to Position and Velocity Graphs
September 4-8			No tutorials			No lab
September 11-14	2	Slice 106 Slice 107	Representations of Motion	pp. 3-6 #1, 3, and 4	2	Representations of Motion in One Dimension
September 18-21	3	Slice 117 Slice 120	Acceleration in 1D	pp. 7-11 # 1 and 2	3	Vectors
September 25-28	4	Slice 125	Motion in two dimensions	pp. 13-14 # 1, 2, 3, and 4	4	Centripetal acceleration
October 2-5	5	Slice 130 Slice 131	Forces	pp. 19-22 # 1, 3, 4, and 5	5	Force, Mass and Acceleration
October 9-12	6	Slice 134 Slice 138	Newton's second and third laws	pp. 31-35 # 1, 2, 3, and 6	6	Static Friction
October 16-19	7	Slice 143 Slice 144	Tension	pp. 37-40 #1, 2, and 4	7	Free-body Diagrams, Weight & Normal Force
October 23-26	9	Slice 161	Conservation of Momentum in 1D	pp. 45-46 # 1, 2, and 3	8	Impulse and momentum
October30-November 2	9	Slice 161	Changes in Energy and Momentum	pp. 55-56 # 2	9	Changes in Energy and Momentum
November 6-9	10-11	Slice 165	Equilibrium of Rigid Bodies	pp. 53-54 # 1 and 2	10	Mechanical Equilibrium
November 13-16	12	Slice 152	Rotational Motion	pp. 71-72 # 1, 2, and 3	11	Simple Harmonic Motion
November 20-24			No tutorials			No lab
November 27-30	12	Slice 153	Dynamics of Rigid Bodies	pp. 65-66 # 1 and 2		Assessment

*Videos can be found on the GSU Slice of Physics YouTube channel: https://www.youtube.com/user/SliceOfPhysicsGSU