Fall 2017 Weekly Lab Schedule

Week of	1001	1101	1201	1202	1301	1302	1401
4-Sep	FCI	Introduction	FCI	BEMA	FCI	BEMA	no lab
11-Sep	Lab 1 & 2 velocity and acceleration and 2nd law	Lab 1 - 1	Lab 1 - 2, 3	Lab 1 - 1,2,7	Lab 1 - 1a, 1b, 2, 3, 4	Lab 1 - 2	1.1: Galileo‟s Experiment
18-Sep	Lab 3 conservation of energy	Lab 1 - 2, 3	Lab 2 - 1, 3	Lab 1 - 3-6	Lab 1 - 4, 5, 8	Lab 1 - 4	1.3: Projectile Motion
25-Sep	Lab 4 energy and work	Lab 1 - 4, 5	Lab 2 - 4	Lab 4 - 5,6	Lab 2- 1, 2	Lab 2 - 2	1.3: Projectile Motion
2-Oct	Lab 5 heat and insulation	Lab 2 - 1, 2	Lab 3 - 1 & 3	Lab 4 - 1-4	Lab 2 - 3, 4	Lab 2 - 4	Write lab report 1
9-Oct	Lab 6 heat , solar input	Lab 2 - 3, 4	Lab 3 - 6	Lab 3 - 4,6,7	Lab 3 - 1	Lab 3 - 1	2.3 spring explosion
16-Oct	Lab 7 mech and thermal energy	Lab 3 - 1, 2	Lab 4 - 1 & 4	Lab 2 - 3,4	Lab 2 - 7, 8 Lab 3 - 6	Lab 3 - 4	2.4 ballistic pendulum
23-Oct	Lab 8 greenhouse	Lab 3 - 3, 4	Lab 5 - 1, 2 & 3	Lab 2 - 6,7	Lab 2 -8 Lab 4 - 1	Lab 4 - 8	3.1, 3.2 Rotational dynamics
30-Oct	Lab 9 circuits	Lab 4 - 1, 2	Lab 5 - 4 / Lab 6 - 1	Lab 5 - 7,8	Lab 3 - 2 Lab 4 -1	Lab 4 - 10	3.3 energy in rotations. 3.4 Gyroscope
6-Nov	Lab 10 magnets	Lab 4 - 3, 5	Lab 6 - 1/ Lab 7 - 3	Lab 5 - 1,2,5	Lab 3 - 3, 4, 5	Lab 5 - 2	4 Kepler simulation I
13-Nov	Lab 11 wind water & energy	Lab 5 - 1, 2	Lab 7 - 1, 5 / Lab 8 - 4	Lab 6 - 3,5	Lab 4 - 3, 4 Lab 5 - 1, 3	Lab 5 - 5	4 Kepler simulation II
20-Nov							
27-Nov	Lab 12 solar cell lab	Lab 6 - 1, 2	Lab 8 - 3 & 4	Lab 7 - 1,2	Lab 6 - 1, 4, 6	Lab 5 - 8	5.1 Damped SHO
4-Dec	Lab 13 radioactivity - half-life	Lab 7 - 1, 2	surface tension s.200, force in fluid s (Lab 8 - 6)	Lab 8 - 3,4	Lab 7 - 1, 3, 4	Lab 6 - 5	5.2 Driven SHO
11-Dec							