

PHYS 1401- 015
General Physics I
TTh - Summer 2010 - Revised 7/2/2010
 Instructor: Dr. Michael McGraw
LECTURE AND LAB SCHEDULE
 RIO GRANDE CAMPUS

WK	DAY	LECTURE- CHAP	COMMENTS	LAB EXPERIMENT	DUE DATE
1	T-6/1	1	Introduction	Lab Orientation	
1	Th-6/3	2	Motion Along a Line	Measurements & Significant Fig.	6/10
2	T-6/8	3	Motion in a Plane	One-Dim Kinematics	6/15
2	Th-6/10	4	Forces	Atwood's Machine	6/22
3	T-6/15	4	Newton's Laws	Vector Addition	6/22
3	Th-6/17	Exam 1	Chap. 1, 2, 3	Exam 1	
4	T-6/22	5	Circular Motion	Projectile Motion	6/29
4	Th-6/24	6	Conservation of Energy	Newton's 2 nd Law	6/29
5	T-6/29	7	Linear Momentum	Air Resistance	7/6
5	Th-7/1	7	Linear Momentum	Conservation of Energy - Pendulum	7/13
6	T-7/6	8	Torque & Angular Momentum	Conservation of Energy - Slope	7/13
6	Th-7/8	Exam 2	Chap. 4, 5, 6, 7	Exam 2	
7	T-7/13	9	Fluids	Conservation of Momentum	7/20
7	Th-7/15	10	Elasticity	Torque	7/22
8	T-7/20	10	Oscillations	Impulse	7/27
8	Th-7/22	11	Waves	Moment of Inertia	8/3
9	T-7/27	12	Sound	Simple Harmonic Motion	8/3
9	Th-7/29	Exam 3	Chap. 8, 9, 10, 11	Exam 3	
10	T-8/3	13	Temperature & Ideal Gas	String Vibrations	8/10
10	Th-8/5	14	Heat	Specific Heat	8/10
11	T-8/10	15	Thermodynamics	Review	
11	Th-8/12	FINAL EXAM	Comprehensive	FINAL EXAM – LAST DAY OF CLASS	