

GARRETT COLLEGE PHYSICS 101/111 LABORATORY SCHEUDLE

FALL SEMESTER 2013 WEDNESDAY 10:10-1:10

(PLEASE SEE SYLLABUS FOR THE LECTURE PORTION OF THE COURSE FOR CONTACT INFORMATION)

Lab Week

Topic

1	Math and Tools
2	Vector Addition
3	Velocity
4	Acceleration
5	Friction
6	Ballistics Pendulum
7	SHM
8	Centripetal Force
9	Torque
10	Moment of Inertia
11	Stress and Strain
12	Thermal Expansion
13	Thermodynamics
14	Thanksgiving
15	Standing Waves

Important Facts: The labs may not always require 3 hours to physically perform, but the reports are sometimes time consuming. Results are presented and discussed in a report worth 20 points. Each report is written by the individual based upon data gathered as a group. The report is typically turned in during the lab class time. Reports will be accepted the next class period with no penalty applied if time does not allow for completion. Reports which are later than this will have points deducted. The lab portion is 20% of the final grade obtained in the class.

Physics 111 only: A special project for the lab portion of the class will be performed during the regular class times. Additional lecture and lab time is provided after lecture on Fridays and at other times when appropriate. The written work and research required for this experiment will be performed outside of class. The project must be approved before progressing on with the experiment. This report is worth 80 points.