

PHYS 1410 (54 and 55): General Physics Laboratory
Syllabus for Fall 2007, M 2:30-5:25 pm
T 2:30-5:25 pm

Instructor: Dr. Wayne Keith: 793-3874, keith.wayne@mcm.edu
Office Hours: S 110-C: MWF 11-12, WR 2:30-5, F 9-10
Web: <http://www.mcm.edu/~keith.wayne>
Text: Printed lab handouts
Required: scientific calculator, paper, pencil

Lab Description: This laboratory course is intended to compliment the General Physics lecture by giving the student real-world hands-on experience with the phenomena discussed in class. Typed lab write-ups will be required for all labs. See guidelines in lab manual for details about lab reports.

Lab Goal: Acquaint the student with scientific laboratory techniques and emphasize the underlying physical principles of physics.

Grading: Your final grade (20% of the lecture grade) will be determined by a weighted average of your individual lab grades, according to the point totals shown below.

Attendance/Make up policy: Failing to attend the lab meeting and/or not submitting a lab write up on time will result in a zero for the lab. If you cannot make a lab meeting, contact the instructor to see if you qualify to make it up at another lab meeting during the week or at the end of the semester.

Phys1410 Lab Schedule

Days	Lab Number	Lab Name	Points
8/24, 8/25	0	Introductory Lab	25
9/3-9/7	1	Volume & Uncertainty	100
9/10-9/14	2	Orienteering: Mission Possible	100
9/17-9/21	3	Graph and Fit Data with MS Excel	50
9/24-9/28	4	Acceleration of Gravity	100
10/1-10/5		Peer Review of Lab 4	50
10/8-10/12	5	Friction, Experiment and Theory	100
10/15-10/19	6	Springs and Pendulums	100
10/22-10/26		Oral presentations of Lab 6	100
10/29-11/2	7	Young's Modulus	100
11/5-11/9	8	The Ballistic Pendulum	100
11/12-11/16	9	Energy Experiments	50
11/19-11/23		Review of the lab report drafts for Lab 9	25
11/26-11/30	11	No Lab	
12/3-12-7		Makeup Lab Week	L9-100
12/10-12/14		No Lab	