

THE UNIVERSITY OF LETHBRIDGE
DEPARTMENT OF PHYSICS & ASTRONOMY
Physics 1050 Laboratory Schedule
Spring 2016

Location: E-781

Lab Sections:	Section 1:	Wednesday	12:00 - 2:50	Mark Tipper
	Section 2:	Wednesday	3:00 - 5:50	Koorosh Esteki
	Section 3:	Thursday	12:15 - 2:55	Mark Tipper
	Section 4:	Thursday	3:05 - 5:45	Matthew Robbins

The laboratory component of Physics 1050 is comprised of a math skills review, statistics review, and several experiments. The experiments are designed to compliment the concepts from the course, while also emphasizing data analysis skills and critical thinking. Details regarding evaluation, lab reports, and lab safety will be given in the introductory lab section.

The details of each experiment are given in the lab manual, which you are required to have a copy of. You may print the manual or simply use an electronic copy. The lab manual will be posted on the lab website (available through Moodle, moodle.uleth.ca).

Throughout the lab, data files will be saved onto a network drive to allow easy movement of files between computers within the lab. The address for this space is:

\\ulclasses.uleth.ca\classes\phys\phys1000labs

Instructions on how to use this space will be provided within the lab.

Tentative Schedule:

Date		Lab
Sections 1, 2	Sections 3, 4	
Jan 13	Jan 14	Introduction / Math Review
Jan 20	Jan 21	Statistics
Jan 27	Jan 28	Free Fall
Feb 3	Feb 4	Projectile Motion
Feb 10	Feb 11	Vectors, Forces, and Equilibrium
Feb 17	Feb 18	NO LAB (Reading Week)
Feb 24	Feb 25	Mechanics of the Human Arm
Mar 2	Mar 3	Angular Acceleration of a Disk
Mar 9	Mar 10	Physics of Bicycles I
Mar 16	Mar 17	Physics of Bicycles II
Mar 23	Mar 24	NO LAB
Mar 30	Mar 31	Speed of Sound
Apr 6	Apr 7	Nuclear Half-life