HILLSBOROUGH
Community College

SYLLABUS

PHYS 1025L Section 70658
Physics Lab

Summer 2015

Instructor's Name: Kay DiNova **Telephone Number:** 813-253-7362
Email Address: kdinova2@hccfl.edu
Office Hours: By appointment only
Class Schedule: TTH 12:00-2:30 PM

Course Description: This course is a hands-on supplement to Fundaments of Physics. This lab will investigate some of the techniques used in physics. Topics include: measurements techniques, graphical analysis of data, study of bodies in motion, heat, sound, light and electrical experiments.

Text Book:
Required: Fundamentals of physics, Laboratory Manual PHY 1025L, prepared by Dr. Dale L Thompson

Grading System: Grades are earned based upon student performance on all Lab reports. Lab reports are due at the end of the lab period. Late reports will not be accepted. Labs reports will be graded for accuracy, completeness, and neatness
A: 90-100 B: 80-89 C: 70-79 D: 60-69 F: 59 or below

Assignment weights
Lab reports: All labs will be weighted equally. The lowest lab report grade will be dropped.
Lab Groups: Students will work on the labs in small groups (2 or 3 students).
Please come prepared for the lab by reading the lab manual in advance
Lab Reports: Lab reports must be turned in at the end of each lab. Lab reports must include your name and section number. Late reports will not be accepted.
Missed Labs: There will be no makeup labs. If you miss on lab, that lab will be the lab grade that is dropped when calculating your grade. If you

miss more than one lab, any lab in excess of the one dropped lab will be factored into your grade as a zero.

Academic Dishonesty Policy: Students are expected to do all their own work. Cheating will not be tolerated. Any student caught cheating will be given a grade of zero on the assignment and or an F in course

Attendance Policy: Students are expected to attend all labs. You are expected to have your lab book with you for each lab. You are an adult and are expected to attend classes, and complete all work on time. If you must miss a class, it is your responsibility to obtain any class notes from other classmates.

No food or drinks are allowed in the laboratory
Cellphone use is not allowed during the lab. Turn off your cell phone prior to the beginning of each lab.

Instructional Methods: This class will consist of a hand on experimentation

Request for Accommodations:
If, to participate in this course, you require an accommodation due to a physical or learning impairment, you must contact the Office of Services to Students with Disabilities. The office is located in DSTU 204. You may also reach the officer by telephone at (813)259-6063 (voice line).

Tentative Lab Schedule

Class Meeting	Day	Date	Lab
1	T	May 19	Introduction Metric System and Graphical Analysis (lab book labs 2 and 3)
2	TH	May 21	Measurement - handout
3	T	May 26	Open
4	**TH**	**May 28**	**Air Resistance handout**
5	T	Jun 02	Conservation of Momentum lab 8
6	TH	Jun 04	Conservation of Energy
7	T	Jun 09	Open
8	TH	Jun 11	**Center of Mass**
9	T	Jun 16	Torque
10	TH	Jun 18	Projectile Motion
11	T	Jun 23	Open
12	TH	Jun 25	**Newton's law of cooling**
13	T	Jun 30	Heat Transfer
14	TH	Jul 2	Simple Pendulum
15	T	Jul 7	Open
16	TH	Jul 9	**The speed of Sound**
17	T	Jul 14	Resistors
18	TH	Jul 16	Simple Electric Circuits
19	T	Jul 21	Open
20	**TH**	**Jul 23**	**Open**

Highlighted dates indicate EXAM in the lecture.