



**PRAIRIE VIEW A&M UNIVERSITY
DEPARTMENT OF PHYSICS**

**Physics Labs – PHYS-2511 (Thur 2 PM)
Fall-2008**

**Instructor: Dr. Saganti
Phone: x 3134
Lab Manager: Mr. Cudnik**

**Office: NSCI-330AD
Office Hours: T/R 11:00 AM - 12:30 PM
Lab Assistants: Craig / Charde'**

Here is a tentative schedule 10 lab exercises to be covered during this semester

Lab #	Date (Thur)	Description
..	26-Aug-08	No Labs
1	2-Sep-08	1. Introduction / Measurement / Calculation of density
2	9-Sep-08	2. Vectors on a Force Table
3	16-Sep-08	3. 1-D and 2-D Motion: Linear Air Track or Free-fall & Projectile Motion
4	23-Sep-08	4. Static and Kinetic Friction
5	30-Sep-08	5. Centripetal Force
6	7-Oct-08	6. Hooke's Law and Springs
..	14-Oct-08	Mid Term (No Labs)
7	21-Oct-08	7. Simple Pendulum - Acceleration due to Gravity
8	28-Oct-08	8. Conservation of Momentum (Ballistic Pendulum or Air Table)
9	4-Nov-08	9. Torque, Equilibrium & The Center of Gravity
10	11-Nov-08	10. Rotational Intertia
..	18-Nov-08	Make-up / Final
..	25-Nov-08	No Labs
..	2-Dec-08	Finals Week (No Labs)

Attendance and Lab Reports: Attendance is mandatory for all the labs and lab reports are essential to receive any credit. Only one make-up lab will be scheduled (11/18/08). Additional bonus points will be awarded for thorough work and clear documentation.

Grading: Each group (2-3 students) will submit a lab report each week, each report will have 10 points possible and each member on the team will be given points based on their contribution to the report and based on the assessment of their participation in the lab. The grading will be standard, with 90-100% equaling an "A", 80-89% a "B", 70-79% a "C" and so on.
