1. **Class Information**

   - **When and Where:** Tuesdays, 7:30 PM - 9:30 PM - Physics A-121
   - **Website:** [http://grad.physics.sunysb.edu/~damparo/phy123](http://grad.physics.sunysb.edu/~damparo/phy123)

   Announcements specific to this section will be posted here. Check the website regularly for any supplemental information about the lab activities.

   **Instructor**  Denis Amparo
   **Email**  denis.amparo@sunysb.edu
   **Helproom**  Physics A-131
   **Helproom Hours**  Wednesday, 8:00 AM - 10:00 AM

2. **Class Calendar**

   - NO LAB - 27 September, 4 October, 1 November, 22 November
   - 6 September - Pendulum and Error Analysis
   - 13 September - Acceleration
   - 20 September - Projectile Motion
   - 11 October - Energy Conservation
   - 18 October - Conservation of Angular Momentum
   - 25 October - Conservation of Momentum
   - 8 November - Fluid Flow
   - 15 November - Mechanical Equivalent of Heat
   - 29 November - Simple Harmonic Motion
   - 6 December - Standing Waves

3. **Lab Report**

   (a) The lab report (10 pts) is expected to contain the following information:
   - Abstract/Introduction (1) - objectives of the activity, description and sketch of experimental setup
   - Procedures (2) - what you did during the lab activity in your own words
   - Analysis and Discussion (6) - graphs, calculations, error analysis, derivations, answer to guide questions
   - Conclusion (1) - relevant physics principles, summarize results, what you learned

   (b) Remember to label all quantities with the appropriate units, label the axes on your graphs, make graphs with reasonable ranges, and put error bars on your graphs.

   (c) Plot only one graph on a given page.

   (d) Make sure the data sheet signed by the instructor is attached to the lab report.

4. **Lab Policies**

   (a) Each student will work with a partner in performing the lab activity. While students working together may share the same data, each must perform the data analysis and prepare the lab report on one’s own.

   (b) Students are expected to come prepared for the lab activity by reading the instructions, supplemental information (if any), and relevant textbook material beforehand. A short quiz about the lab activity may be given at the start of the meeting if the instructor deems it necessary.
(c) All data must be properly recorded in tables and graphs in the lab notebook (suggested No. 77610). The required calculation and graphs must be completed during the lab session. After completing the lab activity, each student must present the data recorded and calculations made to the instructor who will affix his signature on each page of data. Do not forget to do this before you leave the lab.

(d) Lab notebooks are due 7:30 PM on the Thursday after the lab. Submit your notebooks in the designated cabinet in the Helproom.

(e) One (1) point will be deducted from the grade for each day the lab report is submitted late.

(f) Attendance will be checked regularly.