Grading Rubric Formal Lab Reports PHYS 102L, Section 5 (Spring 2015) Lab: Name(s): Section / Criteria Comments Points Possible TITLE PAGE / ABSTRACT (~5%) Includes Required Information INTRODUCTION (~5%) Clearly Presents Context and Objectives THEORY (~5%) Complete and Clear SETUP AND PROCEDURE (~10%) Narrative w/appropriate figures. Complete enough for replication. DATA (~5%) Full results, including error estimate. DATA ANALYSIS (~15%) Data Reduction Explained/Carried Out (with error analysis and appropriate figs) RESULTS / DISCUSSION (~15%) Describe / Analyze / INTERPRET Results CONCLUSIONS (~5%) Clearly presented and logically follow from analysis and discussion. APPENDIX+REFERENCES (~5%) Equipment, Sample Calcs, References TABLES/FIGURES/GRAPHS (~5%) Formatted Properly, numbered, captions, legends, units, titles, etc. EQUATIONS (~5%) Typeset properly, numbered, etc. GENERAL FORMATTING/STYLE (~5%) Follows "Lab Report Guidelines"; writing is clear and easy to understand. IMPRESS DR. LARSEN (~15%) Demonstrate you've gone above and beyond the basic requirements, typically through insightful analysis or discussion sections. **TOTALS**