

LAB REPORT GRADING RUBRIC

LAB REPORTS NEED TO BE TYPED!!!

Section	Description of Section	Possible Points
PARNERS NAMES	1. Partners names at the upper right-hand corner of the first page of the lab report.	1
TITLE OBJECTIVE THEORY EQUIPMENT PROCEDURE	1. Includes handout containing these components stapled to lab report or each component is explicitly written.	2
THEORY	1. The theory/principle/law associated with the lab is clearly stated. 2. Explained how the theory will be used to accomplish the objective of the lab. 3. Derivation/proof of equations are done clearly and logically.	2
DATA	1. All data is labeled, organized, and easy to read. 2. Pictures of all data needs to be included in data table next to measuments. 3. Used table-format whenever appropriate 4. Data measurements taken correctly. 5. Used appropriate significant figures and units. 6. Graphs have correct axis labeled, units, and scale.	5
CALCULATIONS	1. Calculations are labeled with equations shown. 2. Calculations are clear and legible. 3. Calculations are done correctly 4. Calculations have correct number of significant figures and units. 5. % error calculation shown.	5
CONCLUSION	<u>Write the following components in the conclusion and write the response below each.</u> 1. Includes a summary of the results of the experiment and the % error involved. 2. Addresses the experimental objective and <u>EXPLAINS</u> if it was accomplished or not based on experimental results and % error involved. 3. Provides and explains one systematic error involved in the experiment and explains how it affected the outcome of the experiment and the % error involved. 4. Provides and explains one random error involved in the experiment and explains how it affected the outcome of the experiment and the % error involved.	5
SCORE		20