

## LAB REPORT GRADING RUBRIC

TITLE:			
Section	Description of Section	Possible Points	Your Score
<b>PARNERS NAMES</b>	1. Partners names at the upper right-hand corner of the first page of the lab report.	1	
<b>TITLE OBJECTIVE THEORY EQUIPMENT PROCEDURE</b>	1. Includes handout containing these components stapled to lab report or each component is explicitly written.	2	
<b>THEORY</b>	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	
<b>DATA</b>	1. All data is labeled, organized, and easy to read. 2. Used table-format whenever appropriate 3. Data measurements taken correctly. 4. Used appropriate significant figures and units. 5. Graphs have correct axis labeled, units, and scale.	5	
<b>CALCULATIONS</b>	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	
<b>CONCLUSION</b>  <i>Write the conclusion in outline-number form to obtain credit!</i>	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. 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	
<b>SCORE</b>		20	