

## 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>	<ol style="list-style-type: none"> <li>1. The theory/principle/law associated with the lab is clearly stated.</li> <li>2. Explained how the theory will be used to accomplish the objective of the lab.</li> <li>3. Derivation/proof of equations are done clearly and logically.</li> </ol>	2	
<b>DATA</b>	<ol style="list-style-type: none"> <li>1. All data is labeled, organized, and easy to read.</li> <li>2. Used table-format whenever appropriate</li> <li>3. Data measurements taken correctly.</li> <li>4. Used appropriate significant figures and units.</li> <li>5. Graphs have correct axis labeled, units, and scale.</li> </ol>	5	
<b>CALCULATIONS</b>	<ol style="list-style-type: none"> <li>1. Calculations are labeled with equations shown.</li> <li>2. Calculations are clear and legible.</li> <li>3. Calculations are done correctly</li> <li>4. Calculations have correct number of significant figures and units.</li> <li>5. % error calculation shown.</li> </ol>	5	
<b>CONCLUSION</b>  <i>Write the conclusion in outline-number form to obtain credit!</i>	<ol style="list-style-type: none"> <li>1. Includes a summary of the results of the experiment and the % error involved.</li> <li>2. Addresses the experimental objective and <u>EXPLAINS</u> if it was accomplished or not based on experimental results and % error involved.</li> <li>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.</li> <li>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.</li> </ol>	5	
<b>SCORE</b>		20	