

Lab: _____

Formal Lab Scoring Guide

Student: _____

Class: _____

SECTION	POINTS AWARDED
Pre-Lab/Notebook [4 max]	<input type="checkbox"/> [4] All pre-lab assignments were done before lab, and notebook was brought to lab. <input type="checkbox"/> [3] Most pre-lab assignments were done before lab, and notebook was brought to lab. <input type="checkbox"/> [2] Either pre-lab assignments were not completed or notebook was not brought to lab. <input type="checkbox"/> [0] Pre-lab assignments were not done, and no notebook was brought to lab.
Heading [1 max]	<input type="checkbox"/> [1] Heading was presented correctly in lab report. <input type="checkbox"/> [0] Heading was not presented correctly in lab report.
Purpose [2 max]	<input type="checkbox"/> [2] Purpose was presented that clearly states the goals of the lab. <input type="checkbox"/> [1] Purpose was presented that somewhat states the goals of the lab. <input type="checkbox"/> [0] No purpose was included in the lab report.
Background/Theory [3 max]	<input type="checkbox"/> [3] Comprehensive background theory relevant to the lab was presented. <input type="checkbox"/> [2] Somewhat comprehensive and relevant background theory was presented. <input type="checkbox"/> [0] No background theory or only inappropriate theory was included in the lab report.
Procedure/Equipment [9 max]	<input type="checkbox"/> [9] Complete, easy to follow procedure/materials/diagrams were presented. <input type="checkbox"/> [7] Fairly complete and easy to understand procedure/materials/diagrams were presented. <input type="checkbox"/> [5] Incomplete or difficult to follow procedure was presented. <input type="checkbox"/> [0] No procedure or copied procedure was included in the lab report.
Data [9 max]	<input type="checkbox"/> [9] All data was recorded and displayed in table format to be easily understood with appropriate units and significant digits. <input type="checkbox"/> [7] All data was recorded and is displayed in table format that can be understood. Units may not have been included and a table heading may be missing. <input type="checkbox"/> [5] Some data is missing, table headings not clear, units missing. <input type="checkbox"/> [3] Data is incomplete, not labeled properly and not organized in a comprehensible way. <input type="checkbox"/> [0] No data is included in the lab report.
Calculations/Graphs [7 max]	<input type="checkbox"/> [7] Appropriate sample calculations and appropriate graphical representations of the material are presented in an easily understandable way. <input type="checkbox"/> [5] Most sample calculations and appropriate graphical representations of the material are presented in the lab report. <input type="checkbox"/> [3] Either sample calculations or graphical representations are missing from the lab report. <input type="checkbox"/> [1] A majority of sample calculations and appropriate graphical representations of the material are missing from the lab report. <input type="checkbox"/> [0] No sample calculations or graphical representations of data are include in the lab report.
Analysis & Questions [11 max]	<input type="checkbox"/> [11] The data is analyzed correctly and all relevant questions are properly addressed in an easy to understand way. <input type="checkbox"/> [9] Most of the data is analyzed correctly and most of the relevant questions are properly addressed in an understandable way. <input type="checkbox"/> [7] At least half of the relevant questions are improperly addressed, and the data is not completely analyzed. <input type="checkbox"/> [4] Most of the data analysis and relevant questions are not addressed in the lab report. <input type="checkbox"/> [0] No analysis is included in the lab report.
Conclusion [4 max]	<input type="checkbox"/> [4] Conclusion is fully developed and addresses results of testing the hypothesis as well as any other interpretations of the results including an error analysis. <input type="checkbox"/> [3] Partially developed conclusion is included in lab report with appropriate error analysis. <input type="checkbox"/> [2] No error analysis in included in the conclusion <input type="checkbox"/> [0] No conclusion is included in the lab report.
TOTAL [50 max]	<div style="border: 2px solid black; width: 100px; height: 50px; display: inline-block;"></div> <i>Additional Comments:</i>