

Lab Report Grading Rubric

	Poor	Fair	Good	Excellent	Score
	0	1	2 - 3	4	
Introduction and Procedure	Introduction and/or procedure are missing or provide little or no clear information.	Introduction and/or procedure are incomplete, unclear, and/or vague.	Introduction and procedure are complete but unclear, vague or wordy.	Introduction concisely describes the concepts, objectives, and hypotheses. Procedure describes the equipment and methods with sufficient detail to reproduce the experiment without non-essential details.	/4
	0 - 1	2	3	4	
Data Reporting	Data tables and/or graphs are missing, illegible, or provide little or no clear information	Data tables and/or graphs are incomplete or inaccurate.	Data is complete and accurate but some tables, graphs or descriptions are unclear.	Data, including units and uncertainties, are presented in clear, accurate tables and/or graphs. Text is included when necessary to clarify the tables and graphs.	/4
	0 - 1	2	3 - 4	5	
Data Analysis	Data and error analysis are missing or provide little or no clear information.	Data and error analysis are inaccurate, incomplete and/or confusing.	Data analysis is complete and accurate but error analysis is incomplete.	Data and error analysis are complete and totally accurate. Discrepancies between measured and predicted values are correctly compared with experimental uncertainties and identified as significant or not. The text clarifies and supports the results.	/5
	0 - 1	2	3 - 4	5	
Discussion / Conclusion	Discussion is missing or provides little or no clear information. None of the questions from the lab write-up are addressed.	Discussion is incomplete, inaccurate, or illogical, with little evidence of thoughtful interpretation. Only a few of the questions from the lab write-up are addressed.	Summary and interpretation is accurate but implications are unclear. Significant discrepancies are discussed but possible explanations and/or follow-ups are vague. Some of the questions from the lab write-up are addressed.	Important results are summarized and used to accept or reject hypotheses. Insights are provided into the wider implications of the results. Possible reasons for significant discrepancies are suggested and specific, practical ways to improve or extend the experiment are identified. All of the questions from the lab write-up are addressed.	/5
	0	1	1	2	
Presentation	English is garbled or copied from lab instructions. There are many errors in spelling, punctuation and grammar.	English is unclear or written as instructions. There are numerous errors in spelling, punctuation and/or grammar.	English is imprecise or awkward. Style is overly dry or conversational. There are occasional errors in spelling, punctuation and/or grammar.	English is direct, concise, unambiguous and original. Style is engaging but not overly conversational. Spelling, punctuation and grammar are correct.	/2
				Total	/20