

	Expectations	Corrections/points					Score
		none Excellent 100%	minimal good 90–80%	substantial average 70–60%	too many poor 50–40%	missing missing 30–0 %	
Pre- sen- ta- tion	<ul style="list-style-type: none"> Report is written in a consistent tense, in complete sentences, with proper grammar, punctuation, and spelling. It acknowledges any help received and cites any external source used in its preparation*. 						/(15 ± 5)
Units	<ul style="list-style-type: none"> All quantities that require units are written with SI units. 						/10
In- tro- duc- tion	<ul style="list-style-type: none"> The purpose of the lab - what is the lab about and what goals are you trying to accomplish? Summarize, in a few sentences, the relevant physics for this experiment. 						/(10 ± 5)
Me- thods	<ul style="list-style-type: none"> A brief description of the experiments and procedures. 						/10
Data	<ul style="list-style-type: none"> Use tables and figures to present and summarize your data. Tables must have headers with appropriate units. Plots must be properly labeled. 						/10
Ana- lysis	<ul style="list-style-type: none"> The analysis is described in words in paragraph style. 						/(40 ± 5)
	<ul style="list-style-type: none"> Sample calculations for each equation used in the analysis as well as calculations for error analysis. 						/(40 ± 5)
	<ul style="list-style-type: none"> Results are consisting with data collected*. 						/(40 ± 5)
	<ul style="list-style-type: none"> Answer the questions asked in the lab manual, including any plots. 						/(40 ± 5)
Dis- cu- ssion	<ul style="list-style-type: none"> Discuss your results - did they reflect your purpose and goals from your introduction? 						/10
	<ul style="list-style-type: none"> Include a numerical discussion of results, including error analysis. 						/10
Raw Data*	<ul style="list-style-type: none"> Raw data sheet is attached to lab report, has signature, and acknowledges team members; note: data from the raw data sheet must be used in calculations. 						/10
							/100