

Physics Lab Report Rubric

Name: _____ ID#: _____

Course, Lab Sequence, and Problem Number: _____

Date Performed: _____

Lab Partners' Names: _____

	Possible	Earned
Warm-Up Questions		

	Possible	Earned
Laboratory Notebook		

Earns No Points	Earns Full Points	Possible	Earned
Argument			
<ul style="list-style-type: none"> • no clear argument • logic does not flow • gaps in content • leaves reader with questions 	<ul style="list-style-type: none"> • complete, cogent, flowing argument • context, execution, analysis, conclusion all present • leaves reader satisfied 		
Technical Style			
<ul style="list-style-type: none"> • vocabulary, syntax, etc. inappropriate for scientific writing • necessary nonverbal media absent or poorly constructed • subjective, fanciful, or appealing to emotions • jarringly inconsistent 	<ul style="list-style-type: none"> • language is appropriate • nonverbal media present where appropriate, well constructed, well incorporated • objective, indicative, logical style • consistent style • division into sections is helpful 		
Use of Physics			
<ul style="list-style-type: none"> • predictions with no or with unphysical justification • experiment physically unjustified • experiment tests wrong phenomenon • theory absent from consideration of premise, predictions, and results 	<ul style="list-style-type: none"> • predictions are justified with physical theory • experiment is physically sound and actually tests phenomenon in question • results interpreted with theory to clear, appropriate conclusion 		
Quantitativeness			
<ul style="list-style-type: none"> • statements are vague or arbitrary • analysis is inappropriately qualitative • error analysis not used to evaluate prediction or find result • numbers, equations, units, uncertainties missing or inappropriate 	<ul style="list-style-type: none"> • consistently quantitative • equations, numbers with units, uncertainties throughout • prediction confirmed or denied, result found by error analysis • results, conclusions based on data 		
Total			