

Lab Report (Research) Rubric

CRITERIA	Excellent	Good	Fair	Poor
Title Page	Complete and accurate, and adheres to the stated format	Complete, but is inaccurate or does not adhere to the stated format	Complete, but is inaccurate and does not adhere to the stated format	Incomplete, but with sufficient information to assign a grade
Abstract	Abstract contains reference to all major aspects of carrying out the experiment and the results, well-written	Abstract references most of the major aspects of the experiment, some minor details are missing	Abstract misses one or more major aspects of carrying out the experiment or the results	Several major aspects of the experiment are missing, student displays a lack of understanding about how to write an abstract
Introduction	Introduction complete and well-written; provides all necessary background principles for the experiment	Introduction is nearly complete, missing some minor points	Some introductory information, but still missing some major points	Very little background information provided or information is incorrect
Theory	The student has expressed a sound conceptual understanding of the assumptions and the principles of physics underlying the experiment.	The student has expressed an emerging understanding of the assumptions and the principles of physics underlying the experiment.	The student has expressed a weak understanding of the assumptions and the principles of physics underlying the experiment, usually characterized by false statements or substantial omissions.	The student has mimicked the theoretical development laid out in the manual for the experiment or in another source.
Apparatus and Procedure	Well-written in paragraph format, all experimental details are covered	Written in paragraph format, important experimental details are covered, some minor details missing	Written in paragraph format, still missing some important experimental details	Missing several important experimental details or not written in paragraph format
Results and Discussion	All figures and tables are correctly drawn, are numbered and contain titles/captions. Also, all important results have been interpreted correctly and discussed.	All figures and tables are correctly drawn, but some have minor problems or could still be improved. Also, almost all of the results have been correctly interpreted and discussed, only minor improvements are needed.	Most figures, graphs, tables OK, some still missing some important or required features. Also, some of the results have been correctly interpreted and discussed.	Figures, graphs, tables contain errors or are poorly constructed, have missing titles, captions or numbers, units missing or incorrect, etc. Also, very incomplete or incorrect interpretation of results.

Conclusions	All important conclusions have been clearly made, student shows good understanding	All important conclusions have been drawn, could be better stated	Conclusions regarding major points are drawn, but many are misstated, indicating a lack of understanding	Conclusions missing or missing the important points
References	References to the professional literature appear at all critical points in the paper. References are relevant and substantive	References to the professional literature appear at all critical points in the paper but some are not relevant or substantive.	References to the professional literature are lacking at critical points in paper.	The paper contains no references to the professional literature.
Plagiarism	Less than 30%	Between 30% and 40%	Between 40% and 50%	More than 50%

Evaluation Form

# of student	1	2	3	4	5
Student name					
Student ID					
Title Page					
Abstract					
Introduction					
Theory					
Apparatus and Procedure					
Results and Discussion					
Conclusions					
References					
Plagiarism					
Total					

Evaluator name/ Academic Supervisor: