

## Physics 121 Lab; Rubric for Reports

	(100-90)%	(60-90)%	(40-60)%	(0-40)%
Presentation Max 10pts.	lab report is neat, stapled, and easy to follow; it has relevant information at the beginning (author, team partners, date, lab name, class).	lab report is neat, stapled has cover page with relevant information; minimal grammar and spelling errors.	lab report is somewhat neat, but stapled; it has cover page with relevant information; grammar and spelling errors makes it somewhat difficult to follow.	lab report is not neat or stapled; ridden with grammar and spelling errors. Cover page is missing, but relevant information is present.
Pre-lab Max 10pts.	prelab clearly states, in your own words, the purpose of the lab; it is typeset, turned in at beginning of lab, and incorporated into the report.	typeset, turned in at beginning of lab and incorporated in the report, but it is vague or incomplete.	typeset, turned in at beginning of lab and incorporated in the report, but misses key points or is very difficult to follow.	missing; it was not turned in at beginning of lab.
Lab Work Max 30pts.	data sheet is dated, initialed and included in the report; partners are listed; relevant data, computer plots, scripts are neatly organized according to lab sections; it uses appropriate units, labels and comments.	data sheet included and well organized, but missing minor parts (partners, date, labels, comments).	data sheet included, but not well organized; it is missing major parts (Data, units, plots).	missing; do not have TA's initials on data sheet;
Procedure Max 10pts.	procedure tells what you did; it is written concisely in paragraph style (not wordy, bulleted or listed); hits all key points of lab and is followed clearly. Deviations from lab manual are written on a separate paragraph.	complete, but is not concise.	missing key points of lab or vague.	procedure is missing.
Analysis Max 30pts.	Analysis of data is consistent with data taken; Usage of relevant equations is appropriate, derivations are neat; plots have captions, proper units, labels, and axes; proper usage of error analysis. All results have appropriate units.	analysis of data is consistent with data taken, but minor mistakes or omissions are made.	analysis of data is inconsistent with data taken; major mistakes or omissions: relevant equations missing, derivations not neat, missing or wrong. Plots are missing or have missing parts (captions, units, labels, axes); error analysis exists, but it is incorrect; units are wrong.	analysis section or major parts of it are missing.
Discussion Max 10pts.	reflects on the major results obtained; it is written as a concise paragraph, which is easy to follow.	reflects on major results, but it is not concise.	reflects on major results, but it is difficult to follow.	incomplete or missing.
Extra points per question	(2pts.) question answered correctly.	(1pt.) Minor mistakes made.	(0.5pts.) Major mistakes made.	(0pts.) missing.