

## Lab Notebook Rubric

	<b>0</b>	<b>50%</b>	<b>75%</b>	<b>85%</b>	<b>100%</b>
<b>Abstract</b> <i>(See abstract rubric)</i>	No abstract included	Missing multiple elements of the abstract. procedure, results etc...) Main purpose misguided. Proper format not followed.	Some elements of abstract missing. Reasonable understanding of experiment purpose stated.	Most elements of abstract included and clearly stated. Good understanding of experiment demonstrated.	All elements of abstract included. Clear and correct purpose stated. Demonstrates sound understanding of experiment and states it concisely
<b>Title/Introduction</b>	No title/introduction included	Title/introduction is vague and incomplete. Main purpose is missing or stated incorrectly. Graphics/tables not utilized or used inappropriately	Shows some understanding of main purpose of the experiment.	Good explanation of scientific purpose. Reasonable use of graphics and tables.	Clear scientific explanation of the experiment and experiment purpose is included. Appropriate graphics/tables are included.
<b>Procedure</b>	No procedures included	Procedures missing multiple key points. Lacks sufficient detail /completeness and clarity.	Procedure missing some key elements or not clear, complete or accurate.	Procedures mostly described correctly, completely and clear with minor errors.	Procedures clearly, completely and correctly described and/or cited
<b>Results</b>	No results included	Multiple pieces of expected data missing, incomplete or inappropriately reported.	Data is reported with some key elements missing or incorrectly reported.	Results are mostly clear, complete and correct reported utilizing appropriate data tables and graphics to report results.	Results are clearly, completely and correctly reported utilizing appropriate data tables and graphics to report results.
<b>Discussion</b>	No discussion or conclusion included	Limited or little understanding of results and interpretation of the results is demonstrated. Conclusions are not related to specific results obtained. Multiple errors in analysis.	Some evidence of understanding of the results and interpretation are demonstrated. Conclusions are not related to data or main purpose of the experiment.	Good understanding of experiment. Most aspects of experiment discussed, related to specific data and interpreted correctly. Some minor errors.	A clear understanding of the experiment and interpretation of results is demonstrated. All aspects of the experiment are discussed, and conclusions are related to specific data and interpreted correctly.
<b>References</b>	No references included	Multiple references missing. Correct citation format not used. Inappropriate references cited.	Some key references omitted or inappropriate references cited. Some errors in citation	Most appropriate references cited and mostly in correct citation format.	All appropriate references included and correctly cited.
<b>Format, organization, presentation, writing style</b>	Format guidelines not followed. Disorganized. Poor writing mechanics, multiple spelling and grammatical errors. Incorrect use of terminology.	Multiple errors in format and organization. Some spelling and grammatical errors. Poor use of technical terms.	Format is mostly followed according to guidelines with minor errors. Grammatical structure reasonable with some errors. Some spelling errors.	Format guidelines are followed. Few or no spelling and grammatical errors. Good use of technical terminology. Organization and logical presentation with some minor errors.	Format guidelines are followed. Free of spelling and grammatical errors. Excellent use of technical terminology. Clear organization and logical presentation.