

Laboratory Rubric Achievement

Required Components:

- Title and Date
 - Purpose
 - Materials
 - Procedure
 - Data and Analysis
 - Discussion and Conclusion
- 1 2 3 4 5

Components	Student Coaching	D (50-59%)	C (60 -69%)	B(70-79%)	A(80% -100%)
Purpose	I describe the purpose of the lab, and using correct terminology.	<ul style="list-style-type: none"> ▪ purpose is unclear 	<ul style="list-style-type: none"> ▪ purpose is incomplete ▪ describes some terms and connections raised in class 	<ul style="list-style-type: none"> ▪ purpose is clear, complete, and cohesive ▪ describes many terms and connections raised in class 	<ul style="list-style-type: none"> ▪ describes all relevant terms and connections raised in class
Procedure	I summarize the procedure so that it's clear that the main purpose of the lab is being investigated	<ul style="list-style-type: none"> ▪ procedure is a step-by-step copy of provided procedure 	<ul style="list-style-type: none"> ▪ procedure is point-form steps, with many unneeded details 	<ul style="list-style-type: none"> ▪ Procedure is a paragraph but contains unnecessary detail. 	<ul style="list-style-type: none"> ▪ Procedure is a paragraph that contains the important things without unnecessary detail.
		2.5	3	3.5	4 4.5 5
Data	I form appropriate tables or graphs, which include correct use of symbols and units. My data is correct and easily understood	<ul style="list-style-type: none"> ▪ forms tables or graphs that are inappropriate, or requiring major correction 	<ul style="list-style-type: none"> ▪ forms tables or graphs that require minor correction 	<ul style="list-style-type: none"> ▪ forms tables or graphs that are appropriate, correct and legible 	<ul style="list-style-type: none"> ▪ forms tables or graphs that are appropriate, correct, detailed and easily understood
		2.5	3	3.5	4 4.5 5
Analysis	I complete all the required calculations, showing sufficient work.	<ul style="list-style-type: none"> ▪ calculations require moderate corrections ▪ missing important calculations 	<ul style="list-style-type: none"> ▪ calculations require minor corrections ▪ steps are missing in calculations 	<ul style="list-style-type: none"> ▪ calculations are correct but not clearly displayed 	<ul style="list-style-type: none"> ▪ calculations are done correctly and displayed very well
		5 5.5	6 6.5	7 7.5	8 9 10
Discussion	I complete the discussion questions, showing insight in the lab.	<ul style="list-style-type: none"> ▪ Discussion questions are partially answered ▪ Some questions are missing 	<ul style="list-style-type: none"> ▪ discussion questions are mostly done but at a minimum level 	<ul style="list-style-type: none"> ▪ discussion questions are done, but could be more thoroughly explained 	<ul style="list-style-type: none"> ▪ discussion questions are answered in full sentences, showing understanding of concepts
		5 5.5	6 6.5	7 7.5	8 9 10
Conclusion	I reach many realistic conclusions based on the observations and present them clearly and completely. I relate them to society, and technology.	<ul style="list-style-type: none"> ▪ reaches few realistic conclusions ▪ explanation requires a great deal of clarification or correction 	<ul style="list-style-type: none"> ▪ reaches some realistic conclusions ▪ explanation requires some clarification or correction 	<ul style="list-style-type: none"> ▪ reaches many realistic conclusions ▪ clear and fairly complete explanation 	<ul style="list-style-type: none"> ▪ reaches all or almost all realistic conclusions ▪ relates lab purpose and results to class theory ▪ includes application or extension of results
		2.5	3	3.5	4 4.5 5

Comments:

Final Mark: /30