

# Technical Experiment Report Assessment

	LEVEL 3	LEVEL 2	LEVEL 1
<b>Purpose</b>	The report's purpose must be <b>clear</b> and <b>relevant</b> .		
	The report's purpose is clearly defined and is relevant to the assignment.	The report's purpose is apparent or implied, and is relevant, but not clearly stated.	The report's purpose is not apparent, or is not relevant.
<b>Assumptions</b>	The report's assumptions must be <b>clear</b> and <b>justifiable</b> .		
	Assumptions are clearly stated and reasonable.	Assumptions are identified as such, but are questionable or unnecessary.	Assumptions are made but not identified as assumptions.
	Alternative assumptions/competing viewpoints are considered.		Assumptions are asserted as facts.
			Legitimate or necessary assumptions are be ignored, and limit the scope of the analysis.
<b>Analysis</b>	The report's data analysis must be <b>clear, accurate, and precise</b> . It must consider <b>key concepts</b> and apply <b>appropriate theory</b> .		
	All key concepts are identified and applied.	Some of the key concepts are not applied.	The report misses many of the key concepts.
	Appropriate theory applied. Concepts are used justifiably.	Appropriate theory misapplied only occasionally.	Misapplication (or no application) of appropriate theory.
	Alternative concepts, competing viewpoints are considered.		
<b>Conclusions</b>	Conclusions must be <b>clearly</b> stated. They must be <b>logical, significant, and accurate</b> .		
	Conclusions are clearly stated.	Conclusions are apparent or implied.	The report does not make inferences from the analysis.
	Conclusions are supported by the evidence.	Conclusions are only weakly supported by the evidence.	Conclusions are not supported.
	Conclusions are logical.	Conclusions may reflect an incomplete understanding of the information.	Conclusions are present, but illogical.
			Conclusions reflect a misunderstanding of the information or underlying theory.
<b>Recommendations</b>	Recommendations must be <b>clear</b> . They must be <b>logical</b> and <b>significant</b> .		
	Recommendations are presented clearly as such.	Recommendations are present or implied, but not explicitly stated.	Recommendations are not present.
	Recommendations identify areas where further testing may be necessary.	Recommendations are present and clearly stated, but may contain minor logical errors.	Recommendations are present but contain logical fallacies.
<b>Professionalism</b>	The technical report must use proper <b>spelling, grammar, and format</b> . It should use technical language appropriate to the audience. It should be free of <b>first person narrative, levity, colloquialisms, and slang</b> .		
	The report is completely or almost free of spelling, grammatical or format errors.	The report has a few spelling, grammatical or format errors.	The report has many spelling, grammatical or format errors.
		The report uses language that is not appropriate to the audience.	Report uses first person multiple times.
		The report uses an occasional colloquialism.	Report contains attempts at humor.
		The report uses first person one time.	The report contains slang.