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**Moorpark College Chemistry Laboratory Report Rubric**

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(Expectations for an excellent report)

<b>Content Area</b>	<b>Description</b>
<b>Title</b>	Complete, appropriate title that clearly lets the reader know the topic studied.
<b>Abstract</b>	Clear, concise, and thorough summary of the experiment. An abstract includes a clear, complete purpose, a very brief method, major results and major discussion points/conclusions. This concise abstract generally will have four to eight sentences, approximately half a page or less.
<b>Introduction</b>	Clearly and thoroughly summarizes key background material and concepts pertinent to the experiment. Introduces the mathematical equations that will be necessary. Cites the sources / references that provide this background information (a minimum of two outside sources beyond the lab manual). Includes a clear and complete purpose
<b>Method/ Materials</b>	Outlines experimental procedure in a narrative third-person voice. Includes materials including concentrations, equipment used, a listing of safety information and waste disposal. A table is inserted when the experiment has repeating steps with varying trials and amounts. Data from experimental results do not belong here.
<b>Results/ Calculations</b>	Starts with a narrative sentence that introduces the data. Includes all appropriate tables, graphs, and charts with proper labels and correct information. Includes all appropriate sample calculations and has clear analysis of data with specific examples. Each graph, table or math calculation is titled or numbered and referred to in the written narrative.
<b>Discussion/ Conclusions</b>	Demonstrates a logical, coherent working knowledge and understanding of important experimental concepts. Forms conclusions based on the background concepts introduced in the introduction and the interpretations of results. Includes applications of and improvements in the experiment. Demonstrates accountability by providing justification for errors. Refers to the literature when appropriate.
<b>Reference</b>	Complete and correct citation. If the source is from a website, it must include the date the site was viewed. Samples for proper citations can be found on the Moorpark College Library website and the Chemistry Department sample formal report.
<b>Appendix</b>	All required supplemental components are included and complete.