

## Chem 101 Laboratory Report Grading Rubric

	Below Expectations	Satisfactory	Exemplary	Possible Points
<b>Title Page</b>	Missing or does not include purpose/results. <b>0 pts</b>	Includes purpose/results but not clear. <b>.5 pts</b>	Includes purpose/results. <b>1 pt</b>	<b>1</b>
<b>Procedure</b>	Absent or not cited. <b>0 pts</b>	Present, but not cited correctly. Any addenda not included. <b>.5 pts</b>	Present, cited correctly. Any addenda included. <b>1 pt</b>	<b>1</b>
<b>Data/ Observations</b>	Not included or missing most of the data. <b>0-1 pts</b>	Data included but lacks organization. Quantitative data excludes appropriate sigfigs and/or units. <b>2-3 pts</b>	Data complete with units, rounded correctly, and copies of notebook pages included. <b>4-5 pts</b>	<b>5</b>
<b>Calculations/ Graphs</b>	Not included or gross errors in calculations. Graph poorly constructed <b>0-2 pts</b>	Not all calculations included, or include some errors. Graph lacks unit/dimension and/or poorly scaled. <b>3-4 pts</b>	Each type of calculation included with no errors. Any graph is neatly constructed and labeled correctly with dimension/unit. <b>5-6 pts</b>	<b>6</b>
<b>Discussion/ Error</b>	No discussion, nor post-lab questions. Discussion is vague. <b>0-1 pts</b>	Discussion is concise, excludes % error, and/or includes vague reference to errors. <b>2-3 pts</b>	Full, specific, discussion of sources of error, with reasons for lack of agreement with accepted standards. <b>4 pts</b>	<b>4</b>
<b>Post-Lab Questions</b>	<i>Graded individually.</i> <b>3 pts</b>			<b>3</b>
<b>Conclusion</b>	No conclusion stated. <b>0 pts</b>	Poor conclusion or lack of methods of improvement. <b>1 pt</b>	Sound conclusion, including methods to change / improve experiment <b>2 pts</b>	<b>2</b>
<b>Pre-lab Questions</b>	<i>Graded individually.</i> <b>3 pts</b>			<b>3</b>
<b>Total Possible</b>				<b>25 pts</b>