Chem 101 Laboratory Report Grading Rubric

	Below Expectations	Satisfactory	Exemplary	Possible Points
Title Page	Missing or does not include purpose/results. **0 pts**	Includes purpose/results but not clear. **.5 pts**	Includes purpose/results. **1 pt**	**1**
Procedure	Absent or not cited. **0 pts**	Present, but not cited correctly. Any addenda not included. **1 pts**	Present, cited correctly. Any addenda included. **2 pt**	**2**
Data/ Observations	Not included or missing most of the data. **0-2 pts**	Data included but lacks organization. Quantitative data excludes appropriate sigfigs and/or units. **3-4 pts**	Data complete with units, rounded correctly, and copies of notebook pages included. **5-7 pts**	**7**
Calculations/ Graphs	Not included or gross errors in calculations. Graph poorly constructed **0-3 pts**	Not all calculations included, or include some errors. Graph lacks unit/dimension and/or poorly scaled. **4-6 pts**	Each type of calculation included with no errors. Any graph is neatly constructed and labeled correctly with dimension/unit. **7-8 pts**	**8**
Discussion/ Error	No discussion, nor post-lab questions. Discussion is vague. **0-2 pts**	Discussion is concise, excludes % error, and/or includes vague reference to errors. **3-4 pts**	Full, specific, discussion of sources of error, with reasons for lack of agreement with accepted standards. **5-6 pts**	**6**
Post-Lab Questions	_Graded individually._ **4 pts**			**4**
Conclusion	No conclusion stated. **0 pts**	Poor conclusion or lack of methods of improvement. **1 pt**	Sound conclusion, including methods to change / improve experiment **3 pts**	**3**
Pre-lab Questions	_Graded individually._ **4 pts**			**4**
			Total Possible	**35 pts**