ASSESSMENT RUBRICS LAB # 04

Verification of Ohm's law Using Bread-Board

LAB REPORT ASSESSMENT				
Criteria	**Excellent**	**Average**	**Nil**	**Marks Obtained**
1. Objectives of Lab	All objectives of lab are properly covered [Marks 1]	Objectives of lab are partially covered [Marks 0.5]	Objectives of lab are not shown [Marks 0]	
2. Ohm's Law and Mathematical Expression.	Correct definition of Ohm's law, mathematical expression and circuit diagram is shown. [Marks 1]	Correct statement of Ohm's law and no mathematical expression and circuit diagram with no labels. [Marks 0.5]	No definition, mathematical expression and circuit diagram is shown [Marks 0]	
3. Apparatus Used	All equipment and electrical components used are shown [Marks 1]	Equipment and electrical components are partially shown and some of the components are missing [Marks 0.5]	Equipment and electrical components used are not shown [Marks 0]	
4. Procedure	All experimental steps are shown in detail [Marks 2]	Some of the experimental steps are missing [Marks 1]	Experimental steps are missing [Marks 0]	
5. Observations & Calculations	All experimental results are completely shown in form of table and error calculation between theoretical and practical values are also shown. [Marks 2]	Experimental results are partially shown and some of the observations are missing. [Marks 1]	No experimental results are shown [Marks 0]	
6. Graphs	Graphs from experimental results of Ohm's law using theoretical and practical are shown with labels. [Marks 2]	Graphs from experimental results of Ohm's law are shown with no labels and no comparison of theoretical and practical values. [Marks 1]	No graphs are shown [Marks 0]	
7. Conclusion	Conclusion about experimental results is properly explained and satisfactory. [Marks 1]	Conclusion about experimental results is not properly explained and satisfactory. [Marks 0.5]	No conclusion is shown [Marks 0]	

Total Marks Obtained:_____

Instructor Signature: _____