

## RUBRIC: Lab Reports

Category	HD	DN	CR	PS	FL
<b>Abstract: 10%</b>	Clear summary of the paper, including the following components: identifies the objective(s) of the project, includes a brief description of experimental methods, major findings and a brief conclusion(s)	The summary is clear but misses one or two components such as the methods used or major results from the experiment.	Misses several components and the summary doesn't reflect the entire paper.	Misses several major components and objectives.	No submission /No effort exhibited
<b>Introduction: 15%</b>	Clear background information based on a thorough literature search. Uses proper "in text" citations. Includes a rationale for the study along with a hypothesis.	Contains background information but is not complete. The hypothesis is partially stated.	Background information is not complete and lacks proper "in text" citations. The hypothesis is not clearly stated.	Very little or no background information. No "in text" citations or unrelated introduction.	No submission /No effort exhibited
<b>Methods: 15%</b>	Contains a complete list of the experimental procedures including: the organism(s) studied; the experimental design used, variables measured, number of samples collected, and statistical procedures. The section is organized in a way that the reader understands the logical flow of the experiment. Proper use of third person and past tense.	One or more relevant pieces of information are missing. The section is not very well organized. Use of first person or improper use of verb tense appears in part of the text.	Misses several components of the experimental procedures. There is a lack of organization and there is not proper use of grammar standards.	Procedural steps are incorrect, illogical, and unrelated.	No submission /No effort exhibited
<b>Measurements and Results: 20%</b>	Key results are presented in an orderly and logical sequence using both text and illustrative materials (Tables and Figures). All the relevant information obtained in the experiment is included	One or more key results are missing. Figures and tables are present but contain minor errors.	Misses several key results. Figures lack proper identification in the Y and X axis. Tables have missing titles. The text doesn't follow the sequence of the tables and/or figures.	Major results are not included. Figures and tables are poorly constructed or not present.	No submission /No effort exhibited
<b>Analysis and Discussion: 30%</b>	Proper interpretation of results. Connects the discussion with the introduction by way of the stated hypothesis and literature cited. Reflects on the next step(s) to be performed in light of the results of the current investigation	Interpretation of results is presented. However, there is a disconnection between the discussion and the testable hypothesis identified in the introduction.	Misses the interpretation of key results. There is little connection between the discussion and the introduction. There is no clear indication on the future steps of the investigation.	Very poor interpretation of the results. No connection between the discussion and the introduction.	No submission/ No effort exhibited
<b>References: 5%</b>	Provides a complete list of the "in text" references provide in the test of the paper. Uses the correct stile (i.e. APA, MLA) for citations	Most but not all "in text" references are provided. Some inconsistency on the stile used is evident.	Misses several references or doesn't adhere to the correct stile	Most references are not included and/or the stile used is incorrect.	No submission/ No effort exhibited
<b>Report format and quality: 5%</b>	Lab report submitted as directed. Directions were followed, and questions were answered correctly.	Minor errors in format or procedures were encountered	Directions were not explicitly followed.	Directions were not followed.	No submission /No effort exhibited