

LAB REPORT EVALUATION RUBRIC

(modified from https://www.aamu.edu/academics/colleges/agricultural-life-natural-sciences/departments/food-animal-sciences/_documents/rubrics2017.pdf)

Section	Excellent	Good	Fair	Poor	Fail
Title	Clearly describes the content of the current lab exercise. Uses descriptive words that are associated with the lab.	Describes the content but the usage of descriptive words is not appropriate.	The content is not clearly described. Fair use of descriptive words.	No title. Poor description or poor use of descriptive words.	No submission/No effort exhibited
Introduction and aims	Clear background information based on a thorough study and understanding of the topic. 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. The hypothesis is not clearly stated.	Very little or no background information. No hypotheses presented.	No submission/No effort exhibited
Materials	Contains a complete list of the materials that have been used during the experiment. The section is well organized and understandable.	One or more materials are missing. The section is not very well organized.	Misses several important elements of the materials. Messy organization of the section.	Almost all the materials are missing. Section completely unorganized.	No submission/No effort exhibited
Procedure	Contains a complete list of the experimental procedures. Steps taken during the lab are easy to follow in a paragraph form. The section is organized in a way that the reader understands the logical flow of the lab. 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
Data analysis and discussion	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. All calculations are provided in a logical manner using proper units	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
Conclusions	Proper interpretation of results. Summarizes data used to draw conclusion. Addresses hypothesis and cites sources of errors. Connects the conclusion with the introduction by way of the stated hypothesis.	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.	Very poor interpretation of the results. No connection between discussion and introduction.	No submission/No effort exhibited
Report format and quality	Directions on the format of the report were followed, 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