

## Rubric for Laboratory Report

5=Excellent, 4=Above Average, 3=Average, 2=Below Average, 1=Poor, 0=Unacceptable

### Title (5%)

- 5 Describes the lab experiment accurately and successfully communicates to the reader the scientific concept of the lab
- 4 Describes lab content concisely, adequately and appropriately
- 3 Describes the lab, but is too long or short.
- 2 Title is too long or short and does not clearly communicate what the report is about
- 1 Does not describe the lab well or simply titled as "Lab Report".
- 0 Absent

### Introduction (20%)

- 5 Introduction complete and well-written; provides all necessary background principles for the experiment
- 4 Introduction is nearly complete, missing some minor points
- 3 Some introductory information, but still missing some major points
- 2 Little background information provided or information is incorrect
- 1 Very little background included or information provided is incorrect.
- 0 Absent

### Methods (20%)

- 5 Well-written in paragraph format, all experimental details are covered in a logical manner
- 4 Written in paragraph format, important experimental details are covered, some minor details missing
- 3 Written in paragraph format, still missing some important experimental details
- 2 Written in paragraph format, missing several important experimental details
- 1 Missing many important experimental details, or not written in paragraph format.
- 0 Absent

### Results (15%)

- 5 Results described in paragraph format. Includes data observations only (no discussion). All figures, graphs, tables are correctly drawn, are numbered and contain titles/captions
- 4 Results described in paragraph format. Includes data observations only (no discussion). All figures, graphs, tables are correctly drawn, but some have minor problems or could still be improved
- 3 Results described in paragraph format. Includes data observations and some discussion. Most figures, graphs, tables OK, some still missing some important or required features
- 2 Results described in paragraph format. Figures, graphs, tables contain errors or are poorly constructed, have missing titles, captions or numbers, units missing or incorrect, etc.
- 1 Results not described or presented in discussion form. Figures, graphs, tables contain errors or are missing completely.
- 0 Absent

### Discussion (20%)

- 5 All important trends and data comparisons have been interpreted correctly and discussed, good understanding of results is conveyed
- 4 Almost all of the results have been correctly interpreted and discussed, only minor improvements are needed
- 3 Some of the results have been correctly interpreted and discussed; partial but incomplete understanding of results is still evident
- 2 Incomplete understanding of results is still evident
- 1 Very incomplete or incorrect interpretation of trends and comparison of data indicating a lack of understanding of results
- 0 Absent

### Presentation (20%)

- 5 Citations are reliable and references adhere to proper format. All other requirements are met.
- 4 Citations are mostly reliable and references adhere to proper format. All other requirements are met
- 3 Citations are somewhat reliable and present. Some adhere to proper format. May contain some grammar errors.
- 2 Citations are not in proper format or are of unreliable sources. Numerous format errors
- 1 Citations are not reliable or in proper format. Numerous other format issues
- 0 Absent