

Formal Written Laboratory Report Rubric

	Beginning (0)	Developing (2.6)	Adequate (3)	Accomplished (3.4)	Exemplary (4)
Abstract	Scope of work not sufficiently described or too lengthy. Experimental details included. Results not stated. Written in wrong tense. Many unneeded sentences.	Scope of work not sufficiently described or too lengthy. Experimental details included. Some critical results missing. Written in wrong tense. Few unneeded sentences.	Scope of work not sufficiently described or too lengthy. Not completely in past tense. Some critical results missing.	Between 80 - 200 words. Scope of work incomplete or too detailed. Written in past tense. Describes the work that was done and results found without using experimental details.	Between 80 - 200 words. Written in past tense. Describes the work that was done and results found without using experimental details.
Introduction	Little or no motivation or theoretical background given. Non-technical overview missing in last paragraph.	Motivation/focus misdirected. Theoretical background missing or riddled with errors. Non-technical overview incomplete or too technical.	Describes the motivation and focus of the experiment. Theoretical background incomplete or containing errors. Non-technical overview incomplete or too technical.	Describes the motivation and focus of the experiment. Contains appropriate theoretical background with minor errors. Non-technical overview too technical.	Describes the motivation and focus of the experiment. Contains appropriate theoretical background without errors. Last paragraph is non-technical overview of the experiment.
Methods/ Materials	No citations given. Deviations/additions/omissions not discussed.	Some materials cited. Citations incorrect or incorrectly formatted. Deviations/additions/omissions not discussed.	Materials cited. Some citations incorrect or incorrectly formatted. Deviations/additions/omissions expressed but sometimes vague or unclear.	Lab manual and other materials properly cited. Deviations/additions/omissions are expressed in paragraph format, but too brief or too lengthy.	Lab manual and other materials properly cited. Deviations/additions/omissions are clearly expressed in paragraph format.
Results	Result data table not present, but discussed in paragraph format, or the reverse. Critical results missing or incorrect.	Result data presented in table format and discussed in paragraph format. Critical results missing or incorrect. Tables/graphs incorrectly formatted. Captions missing.	Result data presented in table format, some data missing or incorrect. Data incompletely discussed in paragraph. Tables/graphs incorrectly formatted. Captions could be improved.	Result data presented in table format and discussed in paragraph format. Minor disagreements found between table and text. All data tables, graphs half page with correct captions.	Result data presented in table format and discussed in paragraph format. All data tables, graphs half page with correct captions.
Discussion / Conclusion	Results not analyzed. Experimental difficulties/errors/questions not discussed. Conclusion not present.	Results analyzed producing some incorrect conclusions. Experimental difficulties/errors discussed incompletely, some questions answered incorrectly. Conclusion not well developed, too lengthy or short and missing the bottom line.	Results analyzed. Experimental difficulties, errors, questions discussed, some answered incorrectly. Conclusion too small or lengthy and missing the bottom line.	Results analyzed to produce sound conclusions. All experimental difficulties/errors/questions discussed, with some minor error. Last paragraph is conclusion, expressing briefly the bottom line of the experiment.	Results analyzed to produce sound conclusions. All experimental difficulties, errors, questions discussed correctly. Last paragraph is conclusion, expressing briefly the bottom line of the experiment.
Language/ Grammar/ Formatting	First person used throughout. Incomplete sentences. Many grammatical errors. Complete lack of formatting.	Occasional lapses into first person. Sentence structure weak, many grammatical errors. Inconsistent formatting.	Third person used throughout. Sentence structure weak, many grammatical errors. Inconsistent formatting.	Third person used throughout. Well formed sentence structure, few grammatical errors. Few formatting errors.	Third person used throughout. Well formed sentence structure, grammatically correct. Excellent and consistent formatting.