

## BSCI106 Lab Report Draft Scoring Rubric – Spring 2007

	<b>Credible effort, but Needs Work</b>	<b>Competent</b>	<b>Exemplary</b>	<b>Reviewer's Comments and points</b>
<b>Title (0-3 pts.)</b>	<b>(1)</b> a) Fails to adequately describe the project, and b) is overly wordy and imprecise, and c) is too cryptic to be of much use	<b>(2)</b> a) Adequately describes the project, but b) is somewhat wordy or imprecise and/or c) is somewhat unclear	<b>(3)</b> a, b) Descriptive and precise c) Conveys a clear sense of the project	
<b>Introduction - Context (0-8 pts.)</b>	<b>(4)</b> a) Provides only a very weak general context including little or no relevant background and importance b) Fails to provide a discussion of relevant work	<b>(6)</b> a) Provides a general context that includes some relevant background and importance but it is superficial b) Work properly cited and discussed, and generally relevant	<b>(8)</b> a) Provides a clear general context that includes relevant background and establishes general importance b) Work cited clearly relevant, clearly discussed, and properly cited.	
<b>Introduction - Experiment (0-8 pts.)</b>	<b>(4)</b> a) Fails to state the questions or hypotheses that are tested b) Fails to provide a clear description of the experiment c) Fails to explain how the experiment will address the questions	<b>(6)</b> a) States the questions or hypotheses that are tested but in an imprecise manner b) The description of the experiment is OK but wordy or imprecise c) Indicates how the experiment will address the questions but the explanation is weak (e.g. not fully clear and/or concise)	<b>(8)</b> a) Clearly states the questions or hypotheses that are tested b) Provides a brief but clear description of the experiment c) Explains how the experiment will address the questions	
<b>Methods (0-8 pts.)</b>	<b>(4)</b> a) Fails to describe species investigated b) Experimental design lacking important details and is unclear c) Data collection methods are unclear or incomplete d) Lacks even a brief description of the statistical analyses e) Fails or incorrectly cites lab manual methods	<b>(6)</b> a) Describes species investigated b) Experimental design is present but is not clear or is missing some information c) Data collection methods are somewhat unclear and/or incomplete d) Description of the statistical analyses is incomplete or too wordy e) Correctly cites lab manual methods	<b>(8)</b> a) Describes species investigated b) Experimental design is clear and complete c) Data collection methods are clear and complete d) Provides a brief and clear description of the statistical analyses e) Correctly cites lab manual methods	
<b>Results (0-10 pts.)</b>	<b>(6)</b> a) No clear statement of significant trends/differences b) Draws conclusions c) Incomplete or lack of references to figures d) No Chi-Square tests for the comparisons e) No statement of significance	<b>(8)</b> a) States significant trends/differences but is unclear and/or not concise b) Does not draw conclusions c) References to figures are incorrect or unclear d) Provides Chi-square for each comparison but it may be incomplete, incorrect, or unclearly presented e) Provides a correct statement of statistical significance for some but not all results	<b>(10)</b> a) Clear and concise statement of significant trends/differences b) Does not draw conclusions c) Provide proper references to figures d) Refers to statistical analysis and provides correct and clearly presented Chi-square results for each comparison e) There is a clear and correct statement of statistical significance	

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<b>Figures (0-6 pts.)</b>	<b>(2)</b> a) Figures are missing or incomplete b) Axes are incorrectly labeled and/or have inappropriate units c) The title and legends are missing or unclear d) Figures or tables are not relevant e) Figures are embedded in the report	<b>(4)</b> a) Figures present, but marginally appropriate b) Axes are labeled and units are given, but they are unclear or incorrect c) The title and legends are not very clear d) Included figures and tables are relevant but some might be combined or eliminated e) Figures are embedded in the report	<b>(6)</b> a) Figures present and appropriate b) Axes are correctly labeled and appropriate units given c) The title and legends are clear and concise d) Included figures tables are relevant e) Figures are on a separate sheets at the end of the report, as indicated in instructions	
<b>Literature Cited (0-8 pts.)</b>	<b>(4)</b> a) No primary sources are from published scientific journals b) Fails to cite the lab manual c) No additional sources used d) Incorrect or incomplete citations in report body e) No article summaries attached f) No first pages of cited articles attached	<b>(6)</b> a) Only one primary source from published scientific journals b) The lab manual is incorrectly cited c) Few if any appropriate additional sources used and/or correctly cited d) Literature cited section is not correctly formatted but needed information is present e) Citation format used in report body is incomplete or inconsistent f) Not all article summaries are attached g) Not all first pages of cited articles are attached	<b>(8)</b> a) At least two primary sources from published scientific journals b) The lab manual is properly cited c) Additional appropriate sources used and correctly cited d) Literature cited section is correctly formatted e) Correct citation format is used in body f) All article summaries are attached g) First page of all cited articles are attached	
<b>Overall Presentation (0-3 pts.)</b>	<b>(1)</b> a) Draft is poorly written and lacks appropriate transitions b) Has numerous (>4) spelling errors c) Has numerous (>6) grammatical errors d) Conveys a sense of sloppiness and lack of thought e) Prose is difficult to follow	<b>(2)</b> a) Draft is adequately written with appropriate transitions b) Has few (2-3) spelling errors c) Has few (3-6) grammatical errors d) Conveys a sense of effort and trying e) Prose is choppy, the reader is able to follow it, but it lacks flow or has a weak or inappropriate style	<b>(3)</b> a) Draft is well written with appropriate transitions b) Is free of spelling errors, 1 is OK c) Is free of grammatical errors; 1-3 OK d) Conveys a sense of thoughtfulness and care e) Prose is logical and easy to follow	
<b>Total points out of 54</b>	<b>26</b>	<b>40</b>	<b>54</b>	

Scaling: 26=14pts; 40=17pts; 54=20pts

Draft Score=0.2143(points) + 8.4286