

Rubric/Form for  
INSTRUCTOR TO EVALUATE PAPER

Total Points for Individual Research Paper: 50

Objectives/Goals/Component	Less than Desirable; Does not meet Standards	Satisfactory-Average	Excellent-Best Effort, Exemplary	Earned Points
<b>Lab report is formatted correctly.</b>	Lab report is sloppy, not typed and either too long or too short to adequately do the job. Spelling and grammar are incorrect. (0 - 2 points)	Lab report is typed and meets the page length criteria. Few spelling and grammar errors. (3 -4 points)	Typewritten, double-spaced, no longer than 4.5 pages (no shorter than 4 pages); has all of the required sections, spelling and grammar are correct, writing is concise and appropriate. (5 points)	
<b>Title page is included in the appropriate format</b>	A scientific title is NOT included, any one of the following is not included: name, course number or date. (0 - 1 points)	Title is scientific, but is not descriptive of the project; all of the following are included: name, course number and date. (2 -3 points)	A <b>specific and scientific</b> title, your name, course number, and date is detailed. (4 - 5 points)	
<b>Introduction is written clearly and in the appropriate format</b>	Problem is stated in a confusing manner; little background or an unclear purpose is listed; fewer than two references are included or the references cited are not appropriate for the topic. (0 - 3 points)  Hypothesis is not clear or specific or is unreasonable. (0 points)	Problem to be tested is outlined in a clear manner; references are cited, but may not be appropriate for the topic. (4 - 6 points)  Hypothesis is clearly stated and is logical and specific. (1 point)	The topic is introduced in a clear and understandable manner and <b>at least two appropriate references</b> are cited in the correct manner as outlined in Appendix 1 of your lab manual. (7 - 8 points)  The hypothesis or thesis statement is outlined and indicated. (2 points)	
<b>Materials and Methods are written clearly and in the appropriate format.</b>	Variables are not outlined or are incorrect. Control variable is incorrect. Steps are missing in the details of the methods. Materials are either unnecessary or missing. (0 - 1 points)	Variables outlined are correct and complete. Major steps are included in the data collection methods. Materials include all items needed with no unnecessary materials listed. (2 - 3 points)	This outlines the date, time, and place of the study The procedures of data collection and analysis are clearly stated as are the types of data collected (4 - 5 points)	
<b>Results</b>	Results are not stated clearly or not included at all. (0 - 1 points)  Data are incorrectly displayed in charts or graphs or are inaccurate. Data	Results are identified and included. (2 - 3 points)  Data are organized in appropriate formats. Charts and graphs are used well to explain	A well-written paragraph describes the results of the study clearly. (4 - 5 points)  Tables and graphs ( <u>not</u> photocopies from	

	collection are questionable. (0 - 1 points)	data and results. (2 - 3 points)	the lab manual) from the study are used to illustrate the results. All tables and graphs are labeled with appropriate titles (see Appendix 1). (4 - 5 points)	
<b>Discussion is written clearly and in the appropriate format.</b>	<p>Results are not reviewed.</p> <p>Discussion is poorly written and does not reflect back on to the hypothesis statement. (0 - 1 point)</p> <p>Discussion does not address the points and is not logical from the results. (0 - 1 points)</p>	<p>Results are reviewed in a superficial, but adequate manner.</p> <p>Discussion is written well and includes an interpretation of the data based on the hypothesis. (2 - 3 points)</p> <p>Discussion makes a logical transition based on the results but does not include why this study was significant. (2 - 3 points)</p>	<p>Results are briefly reviewed and discussed and include the following.</p> <p>Indication of whether or not the hypothesis/thesis statement was supported or rejected. (4 points)</p> <p>Discussion includes why you think the survivorship curves were different from each other and why this study was significant. (5 points)</p>	
<b>Bibliography is included and is in the appropriate format.</b>	References are missing or are cited incorrectly. (0 - 1 points)	Most references are included and cited correctly. (2 - 4 points)	All references used are listed in the correct manner. (5 - 6 points)	
<i>Total points</i>			<i>50 points</i>	