

## Astronomy Lab Paper Rubric – 90 Possible Points

<b>Category / Score</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>Notes</b>	<b>Score</b>
<b>Object Background &amp; Observing Plan &amp; Paper Organization</b>	<ul style="list-style-type: none"> <li>• Discusses only one or no suggested background topics</li> <li>• Includes one or no citations supporting information</li> <li>• Spelling &amp; grammar mistakes in every sentence</li> <li>• Use of scientific language is routinely incorrect</li> <li>• Paper is short by a page or more</li> <li>• Did not describe observations collection</li> </ul>	<ul style="list-style-type: none"> <li>• Discusses only two suggested background topics</li> <li>• Includes only two citations supporting information</li> <li>• Average number of spelling &amp; grammar mistakes</li> <li>• Use of scientific language is usually correct but infrequently incorrect, and sometimes clunky/awkward</li> <li>• Paper is short by half a page</li> <li>• Described observations plan and collection</li> </ul>	<ul style="list-style-type: none"> <li>• Discusses at least three suggested background topics</li> <li>• Includes three or more citations supporting information</li> <li>• No noticeable spelling &amp; grammar mistakes</li> <li>• Use of scientific language is appropriate</li> <li>• Paper is correct length</li> <li>• Described observations plan and collection</li> </ul>		
<b>Experimental Plan (Description of Analysis &amp; Data Product Presentation and Explanation)</b>	<ul style="list-style-type: none"> <li>• Description of analysis is incorrect or misleading</li> <li>• It is unclear how the resulting data product could be reproduced</li> <li>• Data product figure is not included or explained at all</li> </ul>	<ul style="list-style-type: none"> <li>• Description of the analysis is mostly clear but occasionally confusing/misleading</li> <li>• Another student could produce the data product based on description offered and a little guesswork</li> <li>• Data product figure is included and explained</li> </ul>	<ul style="list-style-type: none"> <li>• Description of analysis is clear</li> <li>• Another student could produce the data product based on description of analysis alone</li> <li>• Data product figure is included and explained</li> <li>• All suggested identifying information about the observation is included</li> </ul>		
<b>Calculation and Other Analysis and Explanation</b>	<ul style="list-style-type: none"> <li>• Calculation is incorrect, or nonexistent</li> <li>• It is unclear how the resulting calculation was made based on the narrative</li> </ul>	<ul style="list-style-type: none"> <li>• Calculation is correct</li> <li>• Another student could repeat the calculation based on the provided description and a little guesswork</li> </ul>	<ul style="list-style-type: none"> <li>• Calculation is correct and clearly/cleanly explained</li> <li>• Another student could repeat and understand the calculation based on provided description</li> <li>• Any external information used to complete the calculation is cited</li> </ul>		
				<b>Final Score</b>	