# Lab Grading Rubric

<table>
<thead>
<tr>
<th>Points</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oops, forgot this</td>
<td>One or two possibly complete sentences, and/or a few rough, hand sketched, graphs. Data incomplete. I have little, or no, idea of what you did.</td>
<td>One or two short paragraphs, awkwardly written. I can’t really tell what is going on or what you did. Contains a lot of grammar errors. Data poorly displayed. No error analysis.</td>
<td>Two, possibly three, medium length paragraphs. Reasonably clear: I can pretty much narrow down what you did, but I still have questions. May contain grammar errors. Has minimal essential information. (data, graphs, etc).</td>
<td>Three to four medium length paragraphs, clearly written. I can read it and know what you did. Includes neat sketches, diagrams, graphs, tables, discussed with attendant text. All essentials are there and a little more. Has minimal grammar errors.</td>
<td>Same as previous, but very well written. I can tell exactly what you did. Diagrams, sketches, tables &amp; graphs, clearly, completely, &amp; correctly, annotate, accentuate, and illustrate text. Demonstrates critical thinking: analyzes procedure, data, results and draws reasonable conclusions and inferences. Has detailed critical error analysis.</td>
<td></td>
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</tbody>
</table>

**Introduction:**
Description of relevant physics and overview of what this lab is about.

**Details:**
Complete description of experiment (A figure is worth a thousand words). Equations.

**Data:**
Graphs, charts, tables, spreadsheets, units, uncertainty analysis (systematic and random)

**Conclusion:**
Summary of what you learned or found out.