

**PHYS115   PHYS121   PHYS123**  
**PHYS116   PHYS122   PHYS124**  
**Lab Cover Letter**

Author (You) Trevor N. Signature: Trevor N.

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Lab Partner(s) Lauren Lee

Date Performed 2024-12-05 Date Submitted 11

Lab (such as #1: UNC) \_\_\_\_\_

TA: Eli

**GRADE** (to be filled in by your TA) See your TA for detailed feedback.  
An 'x' next to a subcategory means you need to improve this aspect of your work.

***Paper Subtotals (points)***

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| <p>( ) <b>General (6)</b><br/>____ Sig. figs.<br/>____ Units<br/>____ Clarity of Presentation<br/>____ Format</p> <p>( ) <b>Abstract (4)</b><br/>____ Quantity or principle<br/>____ How measurement was made<br/>____ Numerical Results<br/>____ Conclusion</p> <p>( ) <b>Intro &amp; Theory (9)</b><br/>____ Basic principle<br/>____ Main equations to be used<br/>____ Apparatus<br/>____ What will be plotted<br/>____ Fitting parameters related</p> <p>( ) <b>Exp. Procedures (15)</b><br/>____ Description<br/>____ Stating and justifying uncertainties<br/>____ Data Record<br/>____ Quality of Lab Work</p> <p>( ) <b>Analysis &amp; Error Analysis (20)</b><br/>____ Discussion<br/>____ Equations &amp; Calculations<br/>____ Presentation inc. Graphs, Tables<br/>____ Results Reported &amp; Reasonable<br/>____ Underlined items addressed</p> | <p>( ) <b>Discussion &amp; Conclusions (6)</b><br/>____ Numerical comparison of results<br/>____ Logical conclusions<br/>____ Discussion of pos. errors<br/>____ Suggestions to reduce errors</p> <p>( ) <b>Paper Total (60 points)</b><br/><b>(30 points for CME or EPF)</b></p> <p>( ) <b>Notebook (10 points)</b><br/>____ Format (<i>proper style, following directions</i>)<br/>____ Apparatus (<i>brief description of equipment, including sketches</i>)<br/>____ Data (<i>including computer file names and manually recorded data</i>)<br/>____ Experimental Technique (<i>describing your procedures; stating &amp; justifying uncerts.</i>)<br/>____ Analysis (<i>results and errors</i>)</p> <p>( ) <b>Worksheet(s)/Fill-in-the-Blank-Report (30 points) if applicable</b></p> <p>( ) <b>Adjustments</b> – late submissions, improper procedures, etc. – or bonus points for exceptional work.</p> <p>( ) <b>Total Grade</b></p> <p>Graded by _____ (TA's initial)</p> |
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