

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

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

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Lab Partner(s) John Paul

Date Performed 2024-10-03 Date Submitted 2024-10-10

Lab (such as #1: UNC) 3-EOM/DSO

TA: Ell

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