

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

Author (You) Trevor N Signature: Trevor N.

I declare that this assignment is original and has not been submitted for assessment elsewhere, and acknowledge that the assessor of this assignment may, for the purpose of assessing this assignment: (1) reproduce this assignment and provide a copy to another member of faculty; and/or (2) communicate a copy of this assignment to a plagiarism checking service (which may then retain a copy of this assignment on its database for the purpose of future plagiarism checking).

Lab Partner(s) Lauren Lee & Alvin Magata

Date Performed 2024-09-19 Date Submitted 09-26

Lab (such as #1: UNC) 2 - EPF

TA: Eli Doyle

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)

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