☐PHYS115 ☐PHYS121 ☑PHYS123
☐PHYS116 ☐PHYS122 ☐PHYS124
Lab Cover Letter

Author (*You*) _Trevor N._   Signature: _Trvr N._

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Lab Partner(s) _Lauren Lee_

Date Performed _2024-10-31_   Date Submitted _2024-11-04_

Lab (*such as #1: UNC*) _#4 MAG & IND_

TA: _Phillip_

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)

( ) *General* (6)
_____ Sig. figs.
_____ Units
_____ Clarity of Presentation
_____ Format

( ) *Abstract* (4)
_____ Quantity or principle
_____ How measurement was made
_____ Numerical Results
_____ Conclusion

( ) *Intro & Theory* (9)
_____ Basic principle
_____ Main equations to be used
_____ Apparatus
_____ What will be plotted
_____ Fitting parameters related

( ) *Exp. Procedures* (15)
_____ Description
_____ Stating and justifying uncertainties
_____ Data Record
_____ Quality of Lab Work

( ) *Analysis & Error Analysis* (20)
_____ Discussion
_____ Equations & Calculations
_____ Presentation inc. Graphs, Tables
_____ Results Reported & Reasonable
_____ Underlined items addressed

( ) *Discussion & Conclusions* (6)
_____ Numerical comparison of results
_____ Logical conclusions
_____ Discussion of pos. errors
_____ Suggestions to reduce errors

( ) **Paper Total (60 points)**
(30 points for CME or EPF)
( ) **Notebook (10 points)**
_____ Format (*proper style, following directions*)
_____ Apparatus (*brief description of equipment, including sketches*)
_____ Data (*including computer file names and manually recorded data*)
_____ Experimental Technique (*describing your procedures; stating & justifying uncerts.*)
_____ Analysis (*results and errors*)

( ) **Worksheet(s)/Fill-in-the-Blank-Report (30 points)** *if applicable*

( ) **Adjustments** – late submissions, improper procedures, etc. – or bonus points for exceptional work.

( ) **Total Grade**

Graded by _____ *(TA's initial)*