

**Course:** (PHYS 101 or PHYS 102), **Section:**

**Experiment:** ( number and name)

Student Number, Name, Last name, (Department) (eg. 22334455 Ali Veli (PHYS) )

(Note: You will loose 20 points if any one of the above items is missing.)

**Theory:**

(Report what you have done for the preliminary work part written in the experiment description.)

(Note: This part will contribute as 30% of your total grade for this experiment.)

**Procedure and Data:**

(Describe the procedure you have followed in your own words and present your results and tables)

(Note: You will get more points if you use a computer program like Python, MATLAB, Microsoft Excel, or LibreOffice Calc to present your tables and plots. You can use the “Scatter Plot” function and “Add Trendline” option of both Excel and Calc software to display your data and the best fit line. You can also display the equation of the best fit line on the plot. Note that Python and LibreOffice are free software which can easily be downloaded and installed.)

(Note: This part will contribute as 40% of your total grade for this experiment.)

**Conclusion:**

(Discuss the results you have found, and what you have learned from this experiment. Answer questions, if any, asked in the experiment description.)

(Note: This part will contribute as 30% of your total grade for this experiment.)

(Note: You will loose 20 points if your report is not in the format described.)