**Laboratory Report Rubric –**

**Experiment E2 Motion with Constant Accleration**

Use the published lab format given to you by your lab instructor for each experiment *only as a template* for writing *your own* report – use your own words and put into paragraph form, as if presenting this as a paper to your peers and colleagues.

 *No example…………… …… Example given*

1. Format

Cover sheet complete: 0 0 0 0 0 5

2. Introduction with diagram 0 1 2 3 4 10

Apparatus 0 1 2 3 4 5

3. Measurements & Data

Data Table (may be imported from

Data Studio) units included: 0 1 2 3 4 10

Graph of position, v(t) vs time, units

included: 0 1 2 3 4 10

4. Results and Analysis

Tabulated values for v vs t and

a(t) vs t units included. What is noted regarding a(t) vs t?: 0 1 2 3 4 5 5

Regression analysis of v vs t: 0 1 2 3 4 5

Answer: statistical error : 0 1 2 3 4 5

Answer: calculation of g : 0 1 2 3 4 5

Answer:Percentage difference 0 1 2 3 4 5

 Calculation .

 Answer:To question 5 . 0 1 2 3 4 5

5. Conclusion

Brief summary of the experiment

(Have the Objectives been met?): 0 1 2 3 4 5

State the value of g with error 0 1 2 3 4 5

Discussion of Analysis (incorporate

Answers to questions here): 0 2 4 6 8 10

6. Grammar

 Overall Voice: Passive Voice &

 Past tense: 0 1 2 3 4 10

 Spelling & Sentence structure :

7. Extra Effort:

Total for this report: \_\_100\_\_