Report	grading	guide	line for

PHYS2250-2

Section Points 5 5 15 15 15 20 10 5 10 [Total] 100

Objectives

Describes lab content concisely, adequately, appropriately

Apparatus

Clearly list the apparatus used

Measurements (Task 1)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Measurements (Task 2)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Measurements (Task 3)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Results (All tasks)

Effective summary of overall findings Presents tables and figures clearly and accurately Successfully integrates verbal and visual representations

Discussion

Opens with effective statement of support of hypothesis Backs up statement with reference to appropriate findings Provides sufficient and logical explanation for the statement Sufficiently addresses other issues pertinent to lab

Presentation

Citations and references adhere to proper format Format of tables and figures is correct Report is written in scientific style: clear and to the point Grammar and spelling are correct

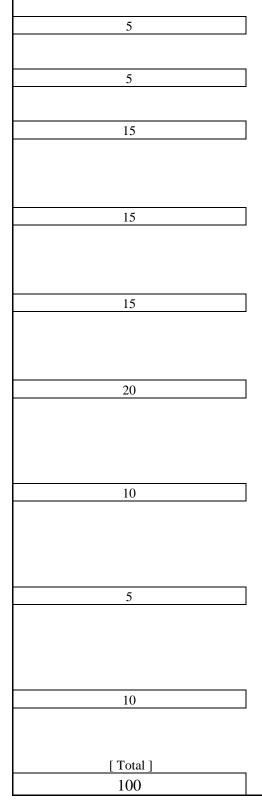
Overall aims of the report: *the student...*

Has successfully learned what the lab is designed to teach Demonstrates clear and thoughtful scientific inquiry Accurately measures and analyzes data for lab findings

Report	grading	guide	line for

PHYS2255-2

Section Points



Objectives

Describes lab content concisely, adequately, appropriately

Apparatus

Clearly list the apparatus used

Measurements (4.1)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Measurements (4.2)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Measurements (4.3)

Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab States hypothesis and provides logical reasoning for it

Results (All tasks)

Effective summary of overall findings Presents tables and figures clearly and accurately Successfully integrates verbal and visual representations

Discussion

Opens with effective statement of support of hypothesis Backs up statement with reference to appropriate findings Provides sufficient and logical explanation for the statement Sufficiently addresses other issues pertinent to lab

Presentation

Citations and references adhere to proper format Format of tables and figures is correct Report is written in scientific style: clear and to the point Grammar and spelling are correct

Overall aims of the report: the student...

Has successfully learned what the lab is designed to teach Demonstrates clear and thoughtful scientific inquiry Accurately measures and analyzes data for lab findings

Report grading guideline for	PHYS2260-2		
Section Points			
25	Science and Measurements (Part A)		
25	Successfully establishes the scientific concept of the lab		
	Effectively presents the objectives and purpose of the lab		
	Presents tables and figures clearly and accurately		
25	Science and Measurements (Part B)		
23	Successfully establishes the scientific concept of the lab		
	Effectively presents the objectives and purpose of the lab		
	Presents tables and figures clearly and accurately		
20			
20	Science and Measurements (Part C)		
	Successfully establishes the scientific concept of the lab Effectively presents the objectives and purpose of the lab		
	Presents tables and figures clearly and accurately		
	resents tubles and regards clearly and accuracy		
15	Discussion		
	Opens with effective statement of support of hypothesis		
	Backs up statement with reference to appropriate findings		
	Provides sufficient and logical explanation for the statement		
	Sufficiently addresses other issues pertinent to lab		
5	Presentation		
	Citations and references adhere to proper format		
	Format of tables and figures is correct		
	Report is written in scientific style: clear and to the point		
	Grammar and spelling are correct		
10	Overall aims of the report: <i>the student</i>		
	Has successfully learned what the lab is designed to teach		
	Demonstrates clear and thoughtful scientific inquiry		
[Total]	Accurately measures and analyzes data for lab findings		
100			
100			

Report grading guideline for	deline for PHYS2265-2	
Section Points		
5	Section 1	
	Correct "Grating constant, d"	
25	Measurements (1st order)	
	Diffraction angles	
	Calculation on wavelengths	
	Calculation on frequencies	
25	Measurements (2nd order)	
	Diffraction angles	
	Calculation on wavelengths	
	Calculation on frequencies	
10	Prediction (3rd order)	
35	Result (Rydberg constant of hydrogen)	
	Correct calculations and presentation of final result	
[Total]		
100		