



جامعة المجمعة
Majmaah University

Course Report

College: College of Education
Programme: Bachelor of Arts in
Biology
Course : General Physics 1

Muharram 1437 H



This form compatible with NCAAA Edition

Course Report

Institution :	Majmaah University	Date of CR	10 / 08 / 1437 H.
College/ Department	College of Education / Department of Biology		

A Course Identification and General Information

1. Course title:	General Physics 1	Code	PHYS111	Section	185+158+778+782
2. Name of course instructor	Maisoon A. Muqal	Location :	College of Education		
3. Year and semester to which this report applies:	1346/1437 H – Second Semester				
4. Number of students starting the course?	70	Students completing the course?	53		

5. Course components:

	Credit	Contact Hours			Self-Study	Other	Total
		Lecture	Laboratory	Practical			
NCAA	2 ch	14	30	-	-	-	44
ECTS	2.8 cp	14	30	-	25	14	83

B- Course Delivery:

1. Coverage of Planned Program

Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations (*)
1. Rectilinear Motion Dynamics (Newton's Laws of Motion)	7	7	
2. General Guidelines for Laboratory Conduct			.....
3. Charts and Calculator Usage			
4. Work and Energy	9	9	
5. Calipers Experiment			
6. Micrometer Experiment			
7. Spherometer Experiment			
Midterm Exam1+Feedback	2	2	
9- Elasticity and Simple Harmonic Motion	9	9	
10. Simple Pendulum Applications			.....



11. Simple Pendulum Experiment 12. Hooke's Law and Spring Constant Calculation			
Midterm Exam2+Feedback	2	2	.....
14- Wave Motion 15. Wave Motion Applications 16. Spring Constant Calculation from the Wave Motion of the Mass	12	12	.....
17- Sound Waves 18. Speed of Sound Measurement 19. Revision 20. Practical Examination	3	3	.....

(*) if there is a difference of more than 25% of the hours planned

2. Consequences of Non-Coverage of Topics

Topics not Fully Covered (if any)	Effected Learning Outcomes	Possible Compensating Action
None

3. Course learning outcome assessment.

List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
1.0	Knowledge		
1.1.1	Define the most basic concepts in classical physics	Assignments	Most students scored 7-10 in the given assignments
1.2.1	Give a correct scientific description of object motion and wave motion	Written Exams	The ratio of successful completion of In-Term examinations exceeds 55%
2.0	Cognitive Skills		
2.1.1	Differentiate between terms in classical physics	Written Exams	The ratio of successful completion of In-Term examinations exceeds 55%
2.2.1	Verify the validity of the theories related to the subject matter by a correct logical mathematical induction	Observation, Interaction, discussion, Assignments	Most students scored 7-10 in discussions and assignments
3.0	Interpersonal Skills & Responsibility		
3.4.1	- to take the responsibility of her self-	Observation,	At the end of



List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
	study and to communicate effectively among a group.	assessment of individual and group work	each practical session, students scored 8-10 in their experimental tasks
4.0	Communication, Information Technology, Numerical		
4.2.1.	Master the use of internet in collecting helpful information to explain natural phenomena	Assignments	Most students used D2L platform and sent reports and assignments and participated in the discussions in the forum
5.0	Psychomotor		
5.1.1	Name the laboratorial tools and devices correctly and use them gently and carefully to keep them in a good condition.	Results of practical work and assignments	Students scored 8-10 in practical experiments The ratio of success in the practical work exceeded 76%
5.2.1	Draw the curve that represents the experimental results accurately and use it to compare the practical results to the theories correctly.		

Summarize any actions you recommend for improving teaching strategies as a result of evaluations in table 3 above.

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4. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification

List Teaching Methods set out in Course Specification	Were They Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties.
	No	Yes	
Lectures		✓
Discussion		✓
Assignments		✓



Brain Storming		✓	.....
Self-learning		✓	.....
Cooperative learning		✓	.....
E-learning		✓	.....
Laboratory Strategy		✓	.....

C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Analysis of Distribution of Grades
A+	1	1.9 %	Because of the students attendance and participation, and their eagerness to excel. In addition to the helpful teaching strategies.
A	2	3.8 %	Because of the students attendance and participation, and their eagerness to excel. In addition to the helpful teaching strategies.
B+	0	0.0 %	Because of the students attendance and participation, and their eagerness to excel. In addition to the helpful teaching strategies.
B	3	5.7 %	Because of the students attendance and participation, and their eagerness to excel. In addition to the helpful teaching strategies.
C+	1	1.9 %	Teaching strategies are varied and assessment methods are diverse to cover the different levels of students.
C	4	7.5 %	Teaching strategies are varied and assessment methods are diverse to cover the different levels of students.
D+	7	13.2 %	Teaching strategies are varied and assessment methods are diverse to cover the different levels of students.
D	8	15.1 %	Teaching strategies are varied and assessment methods are diverse to cover the different levels of students.
F	27	50.9 %	The weak academic level of some students The large number of students The low level of entry requirements Frequent missing of classes
Denied Entry	5	7.1 %	Because the absence rate exceeded 25%
In Progress	70	100 %	.....



Incomplete	0	0.0 %	.....
Pass	26	49 %	The teaching strategies made the course interesting and the assessment methods took in mind the individual differences between students, and the practical experiment strengthened students knowledge
Fail	27	51 %	The weak academic level of some students The low level of entry requirements Frequent missing of classes
Withdrawn	12	17.1 %	Personal issues

2. Analyze special factors (if any) affecting the results

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3. Variations from planned student assessment processes (if any) .

a. Variations (if any) from planned assessment schedule (see Course Specifications)

Variation	Reason
.....
.....
.....

b. Variations (if any) from planned assessment processes in Domains of Learning

Variation	Reason
.....
.....
.....

4. Student Grade Achievement Verification :

Method(s) of Verification	Conclusion
Rechecking the answer sheet (twice) including rechecking the calculation of the marks of each question and the total mark by the department's exams control committee
Rechecking random answer papers by the department head.

D. Resources and Facilities





Difficulties in access to resources or facilities (if any)	Consequences of any difficulties experienced for student learning in the course
None	.....

E. Administrative Issues

Organizational or administrative difficulties encountered (if any)	Consequences of any difficulties experienced for student learning in the course
None	.....

F Course Evaluation

1. Student evaluation of the course (%70.63 of students gave the course a grade of Good)

a. List the most important recommendations for improvement and strengths
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b. Response of instructor or course team to this evaluation
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2. Other Evaluation :

a. List the most important recommendations for improvement and strengths
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b. Response of instructor or course team to this evaluation :
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G Planning for Improvement

1. Progress on actions proposed for improving the course in previous course reports (if any).

Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
a) Increasing the number of credit hours	None	Inability to observe more examples to link the course to reality Inability to cover most of the problems in the	Most student are unable to solve problems in the exams



		course	
b) Supplying the college with enough copy machines	None	Putting off students work due to the lack of photo-copy services	Carelessness and unwillingness to retry getting the required material photo copied
c) Expanding the laboratory and securing enough and diverse laboratorial tools	None	Working in large groups with difficulties in moving around	Students are not provided with sufficient training and thus not grasping the essential practical skills.

2. List what other actions have been taken to improve the course

- Implication of the e-learning system, D2L.

3. Action Plan for Next Semester/Year

Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
a) Increasing the number of credit hours assigned to the course.	Presenting the suggestion to the department board.	07/04/1437 H	20/08/1437 H	Department Head
b) Raising the department's entry requirements	Presenting the suggestion to the department board.	07/04/1437 H	20/08/1437 H	Department Head

Course Instructor:

Name: Maisoon A. Muqal

Signature:

Date Report Completed: 11/08/1437 H

Program Coordinator:

Name: Dr. Muna Makkiah

Signature:

Date Received : 12/08/1437 H



College: College of Education

Programme Biology

Course : general chemistry



Course Report

Institution :	Almajmah university	Date of CR	// / 1437 H.
College/ Department	College of Education / Biology		

A Course Identification and General Information

1. Course title:	General chemistry	Code	CHEM111	Section	361+368	
2. Name of course instructor	Ahlam mobty Almoteiry	Location :	second semester1436 /1437			
3. Year and semester to which this report applies:	College of Education/ almajmah					
4. Number of students starting the course?	90	Students completing the course?	44			
5. Course components:						

	Credit	Contac Hours			Self-Study	Other	Total
		Lecture	Laboratory	Practical			
NCAAA	2 ch	14	30	-	-	-	44
ECTS	2.8 cp	14	30	-	25	13	82

B- Course Delivery :

1. Coverage of Planned Program(Theoretical+ Practical)

Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations (*)
1. Status of the study : • Introduction on the status of art. • Study some of the terms such as pinnacles - weight molecular weight - the mall • The most important units used A. gaseous state : • General properties of gases • Boyle's law (pressure - Code Size) • Charles's Law (Law Size - temperature)	4	4	.....nothing.....



<ul style="list-style-type: none"> expressed mathematically law Law Ofujadro- letter of the law expressed mathematically law <p>expression of Boyle's law mathematically</p> <ul style="list-style-type: none"> disclosure of negative ions in the group hydrochloric acid salts 			
<p>General equation of gases and precursors Hard year for gases R and its units Applications on the general equation</p>	3	3	<p>...nothing.....</p>
<p>Diffraction gases Alhakiqih- Diffraction caused by the negligence of the size of the particles Diffraction caused by the attractive forces between molecules neglect Vanderfal equation and the real explanation for the diffraction of gases from ideal gas laws B - liquid state The liquefaction of gases About the liquid state and the difference between them and the gaseous state And the forces of attraction between the types of molecules Evaporation and types of heat evaporation The vapor pressure of the liquid Surface tension The effect of temperature on the vapor pressure Detection of negative ions in the sulfuric acid salts group</p>	3	3	<p>.....</p>
<p>Atom components</p> <ul style="list-style-type: none"> to study the important terms such as Atom 	3	3	<p>.....</p>



<ul style="list-style-type: none"> • atomic number - number mass - isotopes and examples • electromagnetic radiation • recipes rays , a wave - length of frequency - Speed • Material and energy • emission spectrum <p>Detection of negative ions in the Group salts</p> <p>Study the structure of the atom</p> <ul style="list-style-type: none"> • scientific basis Atomic Theory 			
<p>Thomson's theory of the atom</p> <ul style="list-style-type: none"> • Rutherford theory of the atom • Bohr theory of the hydrogen atom <p>Review (negative ion detection anonymous)</p> <p>Quantum preparation</p> <p>Forms orbits</p> <p>The distribution of the electrons and the possibility of its presence in orbit</p> <p>Work in practical exam</p>	3	3	.....
Mid-term Exam 1	2	2	.....
<p>C - solid state</p> <ul style="list-style-type: none"> • About the solid state and the difference between them and the gaseous state and liquid state • characteristics of solid material such as freezing Anshar- etc. • vapor pressure of solid material • types of crystalline solids <p>Pauli exclusion principle to Hond base and applications by Electronic arrangement of the elements</p> <p>Basal cracks detected in the first set of metal ions</p>	3	3	.....
Thermochemistry	6	6	.....



<ul style="list-style-type: none"> • Study of thermodynamics terms (System - the surrounding medium) • types of systems (Open - Closed - isolated) • types of operations in thermodynamics and including: <ul style="list-style-type: none"> • Alaizotromeh process • The first law of thermodynamics • heat capacity at constant volume and pressure • Hess's Law • adverse interactions and adverse reactions • rule or principle of Ocatilah text-mass action law • formula each of K_p, K_c and the relationship between them. Detection of the basal notches in the second set of metal ions Detection of cracks in the basal third group of metal ions 			
Mid-term Exam 2	2	2	.....
Chemical equilibrium Periodic Table of the Elements Trios Dobrinr Octets Newlands Table since the fiber to categorize items Modern periodic table (groups) Advantages and disadvantages of the periodic table The results of the periodic table of the elements Detection of cracks in the basal fourth set of metal ions Detection of the basal cracks in the fifth set of metal ions	6	6	
Equilibrium Ionian <ul style="list-style-type: none"> • acids and bases (Arrhenius definition - Bronsteid and Lori and Lewis acids and 	6	6	



<p>bases)</p> <ul style="list-style-type: none"> • factors that determine the strength of the acid • ionic links and examples and the properties of their compounds • covalent linkages and examples and the properties of their compounds • detect basal cracks in Group D of metal ions <p>Detection of the basal cracks in Group F of the metal ions</p> <p>Review (detection incision baseline anonymous)</p>			
<ul style="list-style-type: none"> • common ion effect • Organization lotions and mechanically work the solution regulator. <p>The separation of ions precipitation</p> <p>Chemical supplement rules, namely:</p> <ul style="list-style-type: none"> • links and examples of harmonizing them and the properties of their compounds • metal links and examples and the properties of their compounds • Natural links <p>•General Review</p>	3	3	

(*) if there is a difference of more than 25% of the hours planned

2. Consequences of Non-Coverage of Topics

Topics not Fully Covered (if any)	Effectuated Learning Outcomes	Possible Compensating Action
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3. Course learning outcome assessment.

List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
1.0	Knowledge		
1.1.1	Describes the thermodynamics terms	Academic lectures	Homework and written tests
1.2.1	Special article reviews some gas - liquid - solid mathematical laws their own terms.	Academic lectures	Homework and written tests
2.0	Cognitive Skills		
2.1.1	Devise special cases of material laws and thermal chemistry	Research paper	Editorial and laboratory tests
2.2.1	Formulate the properties of elements on the periodic table based electronic installed	Academic lectures	Homework and written tests
3.0	Interpersonal Skills & Responsibility		
3.3.4	Bear the responsibility of self-learning in the completion of tasks and duties	Reciprocal Teaching Debate Strategic dialogue	Note Presentations
4.0	Communication, Information Technology, Numerical		
4.1.1	Choose different and distinct models to view the topics related to decision	Teaching mini e-learning Self-education	Research papers Presentations Written tests
4.2.1	Communicate effectively within the working groups		
5.0	Psychomotor		
5.1.1	deals with the tools and raw materials and laboratory devices according to the safety and security laws in the lab	Lab strategy Cooperative learning	Practical tests Note Reports

Summarize any actions you recommend for improving teaching strategies as a result of evaluations in table 3 above.

Holding regular meetings for faculty members to decision
 - Compared with a similar set of decisions in a similar section
 Reload learning resources for the decision to keep abreast of developments in the field of specialization
 The results of the statistical report evaluates scheduled
 Continuous access to new websites
 • Review and study plan developed by trends of contemporary society



4. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification

List Teaching Methods set out in Course Specification	Were They Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties.
	No	Yes	
1 - lectures		Yes	.....
2. discussion and dialogue		Yes	.....
3. work and homework		Yes	.....
4. Search and BI		Yes	.....
5. Cooperative learning		Yes	
6. The use of modern educational methods with the use of the internet.			

C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Analysis of Distribution of Grades
A+	.....3.....	3.3 %	.....
A	.....3.....	3.3 %	.....
B+	.....2.....	...2.2 %	.....
B	.....5.....	5.6 %	.....
C+	.....5.....	...5.6..... %	.....
C	.....7.....	...7.8..... %	.....
D+	...5.....	...5.6%	.....
D	.....14.....	...15.6%	.....
F	.....46.....	...51.1%	.....
A+	.....4.....	...3.7 %	.....



Denied Entry	.....90.....	...82.6 %	.....
In Progress	.....0.....	...0..... %	.....
Incomplete	.....44.....	...49 %	.....
Pass46.....	...51 %
Fail15.....	...13.8 %

2. Analyze special factors (if any) affecting the results

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3. Variations from planned student assessment processes (if any) .

a. Variations (if any) from planned assessment schedule (see Course Specifications)

Variation	Reason
.....
.....
.....

b. Variations (if any) from planned assessment processes in Domains of Learning

Variation	Reason
.....
.....
.....

4. Student Grade Achievement Verification :

Method(s) of Verification	Conclusion
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.....
.....

D. Resources and Facilities

Difficulties in access to resources or facilities (if any)	Consequences of any difficulties experienced for student learning in the course
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E. Administrative Issues

Organizational or administrative difficulties encountered (if any)	Consequences of any difficulties experienced for student learning in the course
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.....

F Course Evaluation

1 Student evaluation of the course (Attach summary of survey results)71%

a. List the most important recommendations for improvement and strengths

- All points are considered strengths , except for the following:
- The faculty member is present during office hours
- It was all Maigdm in this decision and newly useful
- The sources that I needed in this decision are available whenever I need
- helped things you asked me in this decision in the development of my knowledge and my skills , which aims at, scheduled
- The amount of work in this course proportional to the number of credit hours for this decision
- gave me a degree of homework and tests in this decision within a reasonable time
-

To be familiar with all parts due to the content of the information that students and increase the scientific efficiency and compete in the labor market .

2. can take advantage of office hours to understand and discuss any information required knowledge or retrieval.

3. The library will be supplied with the latest references and modern scientific books to make the most of style references and scientific article that there are no full in a single reference

2. Other Evaluation :

a. List the most important recommendations for improvement and strengths

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-
-
-

b. Response of instructor or course team to this evaluation :

-
-
-
-



G Planning for Improvement

1. Progress on actions proposed for improving the course in previous course reports (if any).

Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
d)
e)
f)
g)

2. List what other actions have been taken to improve the course

<ul style="list-style-type: none"> • • • •
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3. Action Plan for Next Semester/Year

Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
c)/.../1437 H	.../.../1437 H	.....
d)/.../1437 H	.../.../1437 H	.....
e)/.../1437 H	.../.../1437 H	.....
f)/.../1437 H	.../.../1437 H	.....
g)/.../1437 H	.../.../1437 H	.....

Course Instructor:

Name: Ahlam mobty Almoteiry

Signature: Date Report Completed:1../...4../1437 H

Program Coordinator:





Name: Dr. Mona Makiya

Signature:

Date Received : ...24../4...../1437 H



Important Notes:

- A separate Course Report (CR) should be submitted for every course and for each (section " Male & Female" or Academic Programme or campus location where the course is taught) even if the course is taught by the same person
- Each CR is to be completed by the course instructor (Separate reports attached) and given to the program coordinator At the end of each course
- Course Reports are to discuss by the academic (Programme) Department Council

