Kingdom of Saudi Arabia

The National Commission for Academic Accreditation & Assessment

COURSE REPORT

٤٨٣ فيز عملي الفيزياء النووية

To be completed by course instructors at the end of each course and given to program coordinator.

If the course is taught in more than one location the course report should be prepared for each location by the course instructors responsible for the course in each location. A combined report should be prepared by the course coordinator and the separate location reports attached.

Course Report

For guidance on the completion of this template, please refer to pages 21 to 23 of Handbook 2 Internal Quality Assurance Arrangements

Institution: King Khaled University
College/ Department: Faculty of Science/ Physics Department

A Course Identification and General Information

1. Course title and code: Nuclear Physics Lab,483 Phys.
2. If course is taught in more than one section indicate the section to which this report applies
3. Year and semester to which this report applies: 1433-1434, Second semester
4 Location (if not on main campus): Main Campus - Abha

B- Course Delivery

1 Coverage of Planned Program

Topics	Planned Contact Hours	Actual Contact Hours	Reason for Variations if there is a difference of more than 25% of the hours planned
Characteristics of ionization chamber and alpha particles range in air	4	4	
Attenuation of gama rays in lead	4	4	
Absorption of beta particles in Al	4	4	
Beta particles spectrum	4	4	
Measurements of beta particles velocity	4	4	
Nuclear preparation	4	4	
Alpha particles spectroscopy	4	4	
beta particles spectroscopy	4	4	
Gama particles spectroscopy	4	4	
Internal conversion and cross sectional area of nuclear reaction	4	4	

2. Consequences of Non Coverage of Topics

For any topics where significantly less time was spent than was intended in the course specification, or where the topic was not taught at all, comment on how significant you believe the lack of coverage is for the program objectives or for later courses in the program, and suggest possible compensating action if you believe it is needed.

Topics (if any) not Fully Covered	Significance of Lack of Coverage	Possible Compensating Action Elsewhere in the Program
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3. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification. (Refer to planned teaching strategies in Course Specification and description of Domains of Learning Outcomes in the National Qualifications Framework)

Domains	List Teaching Strategies set out in Course Specification	Were these Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties .
		No	Yes	
a. Knowledge			**Yes**	
b. Cognitive Skills			**Yes**	**The necessity of department library existence**
c. Interpersonal Skills and Responsibility			**Yes**	**The carelessness of some students**
d. Numerical and Communication Skills			**Yes**	**-No internet in the lab** **-No data show projector in the lab**

e. Psychomotor Skills (if applicable)			**Yes**	**-The lab is over loaded by the students**

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

-The maximum number of the students in the lab must not exceed 10 students per session.

-connecting the lab by internet

-supporting the lab by data show projector

C. Results

1 Number of students commencing the field experience : 11

2 Number of students completing the field experience: 11

3 Result Summary:

Passed: 10 Percent: 100% Failed : 0 Percent: 0%

Did not complete : yes Percent: 9 %

4 Distribution of Grades (If percentage marks are given indicate numbers in each 5 percentile group)

	No		%
A	1		
B^+	1		
B	2		
C^+	5		
C	1		
D+	3	OR	
D	7		
Denied Entry	0		
In Progress	0		
Incomplete	0		
Pass	20		
Fail	3		

Withdrawn		

5 Special factors (if any) affecting the results

Some of students have no sufficient basics of mathematics therefore they meet diffculties in sloving problems or also thinking in the solutions of the problems.

Also some students have two examinations of two subjects in the same day so they have no enough time to prepare for the examinations.

6. Variations from planned student assessment processes (if any) (See items C 4 and 5 in the Course Specification.)

a. Variations (if any) from planned assessment schedule (C5 in Course Specification)

Variation	Reason
Some students are absent	-students had more credit hours and had busy exam schedules

b. Variations (if any) from planned assessment processes in Domains of Learning (C4 in Course Specification)

Variation	Reason

7 Verification of Standards of Achievement (Eg. check marking of a sample of papers by others in the department. See G4 in Course Specification) (Where independent report is provided a copy should be attached.)	
Method(s) of Verification	Conclusion
Marks' checking	More than one time checking
Allowing the student to check his marks and discuss	Comparing students test answwers

D. Resources and Facilities

1. Difficulties in access to resources or facilities (if any)	2. Consequences of any difficulties experienced for student learning in the course.
-No internet in the lab **-No data show projector in the lab** -experiment copies not enough	-no variation in learning skills -students have no immediate access to the material -experiment copies are far less than what the lab needs

E. Administrative Issues

1 Organizational or administrative difficulties encountered (if any)	2. Consequences of any difficulties experienced for student learning in the course.
-students had more credit hours -students having overlap in their schedules	-experiment copies are far less than what the lab needs -Some students are absent

H. Course Evaluation

1 Student evaluation of the course: (Attach Survey Results if available)
a List the most important criticisms and strengths

b Response of instructor or course team to this evaluation
2. Other Evaluation -- What evaluations were received? Specify and attach reports where available. (eg. By head of department, peer observations, accreditation review, other stakeholders etc):
a List the most important criticisms and strengths
b Response of instructor or course team to this evaluation

I. Planning for Improvement

1. Progress on actions proposed for improving the course in previous course reports:	
Actions proposed in the most recent previous course report(s)	State whether each action was undertaken, the impact, and if the proposed action was not undertaken or completed, give reasons.

2. Other action taken to improve the course this semester/year Provide a brief summary of any other action taken to improve the course and the results achieved. (For example, professional development for faculty, modifications to the course, new equipment, new teaching techniques etc.) -assurance in varying learning resources -assurance of providing the lab by more equipment, devices and computers

3. Action Plan for Next Semester/Year		
Actions Required **-increasing lab equipment and experiment copies** **-stressing the importance of the students attendance**	Completion Date	Person Responsible
4. Recommendations to Program Coordinator (if Required)		
(Recommendations by the instructor to the program coordinator if any proposed action to improve the course would require approval at program, department or institutional level or that might affect other courses in the program.).		

Name of Course Instructor:__Abdullah ali ahmadeni_____-

Signature:_____Date Report Completed:___

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Received by Program Coordinator Date:_____