

**ATTACHMENT 2 (g)**

**Course Report**

**Kingdom of Saudi Arabia**

**The National Commission for Academic Accreditation & Assessment**

**COURSE REPORT  
(CR)**

**Research Methodology 2 (515 RESH)**  
بحث علمي ٢ (٥١٥ طبع)

A separate Course Report (CR) should be submitted for every course and for each section 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 at the end of each course and given to the program coordinator

A combined, comprehensive CR should be prepared by the course coordinator and the separate location reports are to be attached.

## Course Report

For guidance on the completion of this template refer to the NCAAA handbooks or the NCAAA Accreditation System help buttons.

Institution	<b>Najran University</b>	Date of Course Report : <b>8- 1438</b>
College/ Department	<b>College of Applied Medical Science / Department of Physical Therapy</b>	

### A. Course Identification and General Information

1. Course title: Research Methodology 2 (515 RESH)      Code # 515 RESH)      Section #	بحث علمي ٢ (٥١٥ طبع)																					
2. Name of course instructor <b>Dr: Raee Alhyani</b> Location: main campus																						
3. Year and semester to which this report applies. <b>1437- 1438 H- Second semester</b>																						
4. Number of students starting the course? <input type="text" value="9"/> Students completing the course? <input type="text" value="9"/>																						
5. Course components (actual total contact hours and credits per semester):																						
	<table> <tr> <th></th><th>Lecture</th><th>Tutorial</th><th>Laboratory</th><th>Research</th><th>Other:</th><th>Total</th></tr> <tr> <td>Contact Hours</td><td>15</td><td>-</td><td>-</td><td>30</td><td>-</td><td>45</td></tr> <tr> <td>Credit</td><td>1</td><td>-</td><td>-</td><td>1</td><td>-</td><td>2</td></tr> </table>		Lecture	Tutorial	Laboratory	Research	Other:	Total	Contact Hours	15	-	-	30	-	45	Credit	1	-	-	1	-	2
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Contact Hours	15	-	-	30	-	45																
Credit	1	-	-	1	-	2																

### B. - Course Delivery

1. Coverage of Planned Program			
Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations if there is a difference of more than 25% of the hours planned
Introduction to principles of research in physical therapy	3 (1+2)	3 (1+2)	No variation
Research project design	3 (1+2)	3 (1+2)	Student was not able to design it
Materials and methods (Choice of different measures, evaluative measures, treatment measures).	3 (1+2)	3 (1+2)	No variation
Hypothesis testing (Descriptive	3 (1+2)	3 (1+2)	No variation

statistics, Statistical tests, Correlation and Regression).			
Result writing	3 (1+2)	3 (1+2)	No variation
Discussion (Explanation of results, Interpreting results with other results, Recommendations).	3 (1+2)	3 (1+2)	No variation
Conclusion and Summary.	3 (1+2)	3 (1+2)	No variation
Reference.	3 (1+2)	3 (1+2)	No variation
Critique of published articles	3 (1+2)	3 (1+2)	No variation
Scientific writing (1)	3 (1+2)	3 (1+2)	No variation
Analysis of result	3 (1+2)	3 (1+2)	No variation
Questioner design	3 (1+2)	3 (1+2)	No variation
Use of web and IT in scientific research	3 (1+2)	3 (1+2)	No variation
Data base and research	3 (1+2)	3 (1+2)	No variation
<b>Revision</b>	3 (1+2)	3 (1+2)	No variation

## 2. Consequences of Non-Coverage of Topics

For any topics where the topic was not taught or practically delivered, comment on how significant you believe the lack of coverage is for the course learning outcomes or for later courses in the program. Suggest possible compensating action.

Topics (if any) not Fully Covered	Effectuated Learning Outcomes	Possible Compensating Action
Not applied	Not applied	Not applied

## 3. Course learning outcome assessment.

	List course learning outcomes	List methods of assessment	Summary analysis of assessment results
1	Recognize main component of research paper and scientific writing principles.	MCQ, Essay and quizzes, practical exam	
2	Outline basic principles of scientific writing	MCQ, Essay and quizzes, practical exam	
3	Design research proposal.	MCQ, Essay and quizzes.	

4	Critique published research paper	MCQ, Essay and quizzes, practical exam	
5	Show Collaboration with colleagues as a team work.	MCQ, Essay and quizzes, practical exam	
6	Demonstrate ethically participation inside the lecture and practical classes with the staff, colleagues and environment like instruments, benches, practical devices.	MCQ, Essay and quizzes, practical exam	
7	Research efficiently using different knowledge resources including the library resources and websites.	MCQ, Essay and quizzes, practical exam	

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

- provide more audiovisual facilities.
- provide joint models for instruction.
- provide advanced gait analysis lab.

4. 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)

List Teaching Methods 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	
Lecture		X	- Improvement of technical support is needed and should provided Supply library with recommended textbooks.
Practical		X	-Schedule time research part of the course is beyond the time of library work so Library time not suitable for the course.
Discussion		X	Poor scientific background and English language for student Poor scientific background and English language for students. However, scientific background and English language for students improve gradually.

Research		X	-Lack of libraries in Najran University campus at College of Applied Medical Science. Absence of help desk at libraries guide to lack of students' skill in databases searching and lack of computer skills. These could be improving by establishing more libraries and equipped workstations with qualified libraries staffs.
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**Note:** In order to analyze the assessment of student achievement for each course learning outcome, student performance results can be measured and assessed using a KPI, a rubric, or some grading system that aligns student work, exam scores, or other demonstration of successful learning.

### C. Results

#### 1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Explanation of Distribution of Grades
A	-	-	No one can catch high intellectual level and cannot fulfill the requirement of grade A optimally.
B	2	22.2%	Two students got B and perform all activity in efficient manner and cannot fulfill the requirement of grade B optimally.
C	3	33.3%	Three of students at the middle level.
D	4	44.44%	Large number of students (level 9) were got low grades in mid-term and final practical exam.
F	-	-	No student failure
Denied Entry	-	-	
In Progress	-	-	
Incomplete	-	-	
Pass	9	100%	All student passed the course
Fail	-	-	
Withdrawn	-	-	

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

The result is good which indicate that they have a good experience and mature enough to understand the course and they already studied the course of research 1. Research 1 prepared them to run through this course properly.

3. Variations from planned student assessment processes (if any) (see Course Specifications).	
a. Variations (if any) from planned assessment schedule (see Course Specification)	
Variation	Reason
No changes from assessment schedule	NA

b. Variations (if any) from planned assessment processes in Domains of Learning (see Course Specification)	
Variation	Reason
No variation	-----

4. Student Grade Achievement Verification (eg. cross-check of grade validity by independent evaluator).	
Method(s) of Verification	Conclusion
- Committee for practical evaluation	Verified
- Committee for revision of written exam	Verified

#### D. Resources and Facilities

1. Difficulties in access to resources or facilities (if any) No difficulties	2. Consequences of any difficulties experienced for student learning in the course. No difficulties
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#### E. Administrative Issues

1 Organizational or administrative difficulties encountered (if any) No difficulties	2. Consequences of any difficulties experienced for student learning in the course. No consequences
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#### F Course Evaluation

5 Student evaluation of the course (Attach survey results report) <b>4.28</b>
a. List the most important recommendations for improvement and strengths  <b>Strength points:</b> - The basic guidelines including information and skills that is designed to be developed is clear for the students. - Office hours is clearly established. - The amount of work is proportionate to the number of credit hours. - Feed back to student evaluation is supplied within a reasonable time. <b>Recommendation for improvement:</b> - Change the course specifications to be practice (project research) only rather the repeating the similar theories which had studied at level 8. - Add statistic courses in course content.
b. Response of instructor or course team to this evaluation -I accept this evaluation
2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders) NA
a. List the most important recommendations for improvement and strengths

- 1- Increase the course theoretical times.
- 2- Establishing medical library.
- 3- Establishing computer labs.

b. Response of instructor or course team to this evaluation

- Reject it.

### G. Planning for Improvement

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

There is no improvement plan.

Actions recommended from the most recent course report(s)	Actions Taken	Results	Analysis
1- a. Emphasizes on improving scientific back ground of the students from the 3 <sup>rd</sup> program course.	Achieved when course leader has applied educational measures of evaluation and teaching.	The relative weight of the course applied	Still need more work
2- Supply textbooks and references	Achieved by providing reference lists	Not achieved	Still in progress
3- Strengths the English language for students.	Achieved by advicing students to participate in summer English courses. Write recommendation to program coordinator.	Not achieved because students not respect such suggestion and the lack of English centre around Najran city.	It could sort out in future
4- design research proposal	The course coordinator led students to make small research project.	Students provided considerable work in last two semesters	Course leader is satisfied for effort that students have been done.

2. List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation).  
Not applied.



3. Action Plan for Improvement for Next Semester/Year				
Actions Recommended	Intended Action Points and Process	Start Date	Completion Date	Person Responsible
1- This course need to be changed into research project without theoretical assessment	Improving the program plan.	1-1439	1-1440	Program council, college administration and planning admiration
2. Supply textbooks and references	Write needed reference lists.	8-1438	1-1440	Program council, college administration and planning admiration

**Name of Course Instructor Dr. Rae Alhyani**

**Signature:** *Rae Alhyani*

**Date Report completed: 25-1-2017**

**Program coordinator: Dr. Rae Alhyani**

**Signatur:** *Rae Alhyani*

**Date received: 5//2017**