



Philadelphia University
Faculty of Nursing
First Semester, 2009/2010

Course Title: Scientific Research Methods (Clinical)	Course code: 940326
Course Level: 3rd. year	Course prerequisite(s) and/or co requisite(s): Biostatistics
Lecture Time: Wednesday 4 -6	Credit hours: 1 credit hour

Academic Staff Specifics

Name	Office Number and Location	Office Hours	E-mail Address
Dr. Rowaida Maaitah			

Course Description:

This course is designed to provide nursing students with teaching/learning opportunities that could shape their skills as being empirical observer and data collector.

Course Objectives:

Students will be able to utilize evidence based data in a meaningful way to write a research proposal.

Course Components

- General concepts and definitions.
- Research purpose – hypotheses.
- Research process.
- Writing research proposal.

Textbook:

Title: Essentials of Nursing research

Author: Polit, D and Beck (2006)

Publisher: Lippino Co++ William and Wilkins

In addition to the above, the students will be provided with handouts by the lecturer.

Module References

Students will be expected to give the same attention to these references as given to the Module textbook(s)

1. Brockopp D. and Hasting.Tolsma (2003) Fundamentals of Nursing research 3rd ed. Jones and Bart Lett.

Teaching Methods:

Lecture discussion / library / net working group work.

Learning Outcomes:

- **Knowledge and understanding**
 - Recognize a simple format for research proposal writing.
 - State hypothesis, questions according to the stated research problem.
- **Cognitive skills (thinking and analysis).**
 - Demonstrate abilities in stating and analyzing a researchable problem.
 - Write review of literature according format.
 - Write and analyze research aim.
 - Select the proper research design.
 - Identify the proper methods of data collection according to the problem / aim and research design.
 - Identify relevant methods of data collection.
 - Write down a research proposal as an outcome of the guided group work.
- **Communication skills (personal and academic).**
 - Defined his/her selection of the research problem.
- **Practical and subject specific skills (Transferable Skills).**
 - Use evidence based data to enrich the review of literature.
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Course Evaluation

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
Research critique	20%
Library visit	20%
selection of solid research article	15%
Application of research process	15%
Research proposal	30%
Total	100%

** Make-up exams will be offered for valid reasons only with consent of the Dean. Make-up exams may be different from regular exams in content and format.*

Course Academic Calendar

Wednesday	Content	Instruct
14/10/2009	Orientation Stating a researchable problem.	
21/10/2009	Refining the stated problem.	
28/10/2009	Writing review of related literature.	
4/11/2009	Writing review of related literature.	
11/11/2009	Stating relevant aim/ questions or hypotheses.	
18/11/2009	Stating relevant aim/ questions or hypotheses.	
25/11/2009	Evaluation of the outcome. Selecting the relevant research design.	
2/12/2009	عطلة عيد الأضحى.	
9/12/2009	Selecting and clarifying relevant tools of data collection	
16/12/2009	Selecting and clarifying relevant tools of data collection.	
23/12/2009	Evaluating of the out come.	
30/12/2010	Writing procedure of data collection.	
6/1/2010	Writing procedure of data collection.	
13/1/2010	Feed back for refining the written proposal.	
20/1/2010	Final evaluations of the out come.	

Attendance Policy:

(Example to be adopted & modified.)

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero

for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

Documentation and Academic Honesty (Example to be adopted & modified.)

Submit your home work covered with a sheet containing your name, number, course title and number, and type and number of the home work (e.g. tutorial, assignment, and project).

Any completed homework must be handed in to my office (room IT...) by 15:00 on the due date. After the deadline "zero" will be awarded. You must keep a duplicate copy of your work because it may be needed while the original is being marked.

You should hand in with your assignments:

- 1- A printed listing of your test programs (if any).
- 2- A brief report to explain your findings.
- 3- Your solution of questions.

• Protection by Copyright (Example to be adopted & modified.)

1. Coursework, laboratory exercises, reports, and essays submitted for assessment must be your own work, unless in the case of group projects a joint effort is expected and is indicated as such.
2. Use of quotations or data from the work of others is entirely acceptable, and is often very valuable provided that the source of the quotation or data is given. Failure to provide a source or put quotation marks around material that is taken from elsewhere gives the appearance that the comments are ostensibly your own. When quoting word-for-word from the work of another person quotation marks or indenting (setting the quotation in from the margin) must be used and the source of the quoted material must be acknowledged.
3. Sources of quotations used should be listed in full in a bibliography at the end of your piece of work.

• Avoiding Plagiarism. (Example to be adopted & modified.)

1. Unacknowledged direct copying from the work of another person, or the close paraphrasing of somebody else's work, is called plagiarism and is a serious offence, equated with cheating in examinations. This applies to copying both from other students' work and from published sources such as books, reports or journal articles.
2. Paraphrasing, when the original statement is still identifiable and has no acknowledgement, is plagiarism. A close paraphrase of another person's work must have an acknowledgement to the source. It is not acceptable for you to put together unacknowledged passages from the same or from different sources linking these together with a few words or sentences of your own and changing a few words from the original text: this is regarded as over-dependence on other sources, which is a form of plagiarism.
3. Direct quotations from an earlier piece of your own work, if not attributed, suggest that your work is original, when in fact it is not. The direct copying of one's own writings qualifies as plagiarism if the fact that the work has been or is to be presented elsewhere is not acknowledged.
4. Plagiarism is a serious offence and will always result in imposition of a penalty. In deciding upon the penalty the Department will take into account factors such as the year of study, the extent and proportion of the work that has been plagiarized, and the apparent intent of the student. The penalties that can be imposed range from a minimum of a zero mark for the work (without allowing resubmission) through caution to disciplinary measures (such as suspension or expulsion).