



Philadelphia University
Faculty of Nursing
First Semester, 2009/2010

Course Title: Scientific Research Methods	Course code: 940325
Course Level: 3rd year	Course prerequisite(s) and/or corequisite(s): Biostatistics
Lecture Time: Wednesday 4 - 6	Credit hours: 2 Credit hours theory

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

Course Description:

This course is designed to offer third year nursing students with teaching learning experiences, that help them to value the importance of research in promoting nursing profession. This course introduces the learner to the basic concepts in nursing research and its purposes. It is considered an overview of research steps. It mainly provides an introduction to research proposal writing.

Course Objectives and Learning Outcomes:

This course aims at providing student nurses with the necessary knowledge and skills that help in developing research culture among students.

Learning Outcomes:

- **Knowledge and understanding**
 - Develop awareness on the importance of research in building nursing knowledge and guiding practice.
 - Discuss the research process and each of its steps.
 - Describe the characteristics of a researchable problem.
 - Recognize how to state research aim, questions and hypotheses.
 - Recognize the different types of research design.
 - Identify different methods of data collection.
 - Recognize sampling technique.

- **Cognitive skills (thinking and analysis).**
 - Explain how to write review of literature
 - Identify the elements of research proposal.
- **Communication skills (personal and academic).**
 - Conceptualize ethics of conducting nursing research.
- **Practical and subject specific skills (Transferable Skills).**

Textbook:

Title: Essentials of Nursing Research,

Author: Polit, D & and Beck C.(2006)

Publisher: Jones and Bart Lett. Lippincott William & Wilkins.

<http://www.Philadelphia.edu.io/nursing/resources.html>

Teaching Methods:

Class discussions, Class presentations

Evaluation Methods:

Theory part:

Exams

Class participation,
Written assignments

Practicum part:

Written assignments, Individual research article critiques and reports, Group research article critiques and reports

Course Evaluation

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
First examination	20%
Second examination	20%
Class participation	10%
Final Exam (written unseen exam)	50%
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.*

Expectations:

1. Each student should have an active email and will be responsible to check for updated messages
2. Plagiarizing - the presentation of the words or ideas of another person without proper citation or attribution - is not acceptable, and will receive 0 points for the paper. It is also grounds for failing the course.

(Plagiarism: Unacknowledged direct copying from the work of another person, or the close paraphrasing of somebody else's work. It is called plagiarism and is a serious offence, equated with cheating in examinations.)

Course Policies:

Class participation is an integral part of the student's learning, so class full participation in discussions is expected.

Individual assignments are to be completed alone.

When group assignments are made, each student in the group must have contributed to the project

Papers or assignments submitted after the due date without the permission of the instructor will have 1 point deducted for each late day, including weekend days.

Attendance Policy:

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.

Course Academic Calendar
Scientific Research Methods
940325

Monday	Topic	Faculty Member
19/10/2009	Introduction to Nursing Research Comprehending key Concepts in Quantitative and Qualitative Research	Pof. Rowaida Al-Maaitah
26/10/2009	Review of scientific Research	Pof. Rowaida Al Maaitah + Mohammad
2/11/2009	Ethics in Nursing Research	Pof. Rowaida Al Maaitah + Dr. Diala
9/11/2009	Understanding the Research Process	Pof. Rowaida Al Maaitah
16/11/2009	Scrutinizing Research Problems, Research Questions, and Hypotheses	Dr. Aida + Pof. Rowaida Al Maaitah
23/11/2009	Application: Research Problems, Research Questions, and Hypotheses Literature Review	Pof. Rowaida Al Maaitah
30/11/2009	عطلة عيد الأضحى	
7/12/2009	First Exam (4-5) Literature Review (5-6)	
14/12/2009	Examining the Conceptual/Theoretical Basis of a Study	Pof. Rowaida Al Maaitah
21/12/2009	Designs for Nursing Research	Pof. Rowaida Al Maaitah
28/12/2009	Using Research in Evidence-Based Nursing Practice	Pof. Rowaida Al Maaitah
4/1/2009	Second Exam	Pof. Rowaida Al Maaitah
11/1/2010	Sampling	Pof. Rowaida Al Maaitah
18/1/2010	Data Collection Methods	Pof. Rowaida Al Maaitah
25/1/2010	Measurements and Data Quality Data analysis	
27/1/2010	Final Exam	

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