



KAU KING ABDULAZIZ UNIVERSITY ACADEMIC ASSESSMENT UNIT

COURSE PORTFOLIO

FACULTY OF APPLIED MEDICAL SCIENCES DEPARTMENT OF NURSING

COURSE NAME: Research Nursing.

COURSE NUMBER: NUR (499)

Credit hours: 3

SEMESTER/YEAR: 2nd SEMESTER – 4th YEAR.

Academic Year: 1432-1433 H / 2011-2012G.

PART II



COURSE SYLLABUS

Instructor Information

• Name of the instructor:

• Dr Nabeela Al-Abdullah (Course Coordinator)

Office location: 821/G

Office Hours: Saturday: 8-2 pm

Tuesday: 12-2pm

Contact numbers: 02-6402000 Ext: 23187

E-mail <u>nabeela_sa@hotmail.com</u> or <u>nabdullah@kau.edu.sa</u>

Instructor Profile: Assistant Professor

Course Information

Course name and number: Nursing Research . NUR (499).

Course meeting times, places: Lecture Time:

Day	Time	Place
Saturday	1:00 - 2:00 pm	Lecture building 8 (room 802/1)
Monday	1:00-3:00 pm	Lecture building 8 (room 802/1)

Course website address: http://www.kau.edu.sa/DRS-0004552.aspx

Course description:

This course is intended to assist the student to appreciate research as a nursing function in the practice of professional nursing. Research design, data collection techniques and the critique of nursing research literature will be emphasized as applicable to the beginning professional practitioner of nursing. The student will identify a clinical nursing problem, formulate a research proposal, and systematically carry out the proposal through the stages of data collection and analysis.

Course prerequisites and requirements:

- o Basic statistics NUR
- o Research Skills through Internet.
- Writing Skills.

- Lectures.
- Class discussions.
- Small group work
- Assignment
- Students are expected to meet with their project instructors at a communally good time throughout the semester, to discuss project progress and/or problems.

Course Objectives

Upon completion of this course, the student will be able to:

- 1. Describe the steps in the research process.
- 2. Identify potential research questions related to nursing and interdisciplinary health care.
- 3. Identify major types of research methodology and the role of theory in each.
- 4. Discuss examples of outcomes research to assess health promotion and health care interventions including therapeutic nursing interventions.
- 5. Discuss ethical issues related to research studies.
- 6. Use critical thinking to examine outcomes research relevant to health care promotion and health interventions

Attendance and Participation:

- ✓ All students are expected to attend class and to participate in all class activities. The final grade may be raised or lowered at the judgment of the course coordinator on the basis of the students attendance.
- ✓ If a student is unable to be present for an examination due to illness, the course coordinator is to be notified in advance of the examination. Prior to each class, students are expected to have completed the reading assignment for that class.
- ✓ Cell phone usage will be limited to breaks or lunch times. Cell phones need to be on silent mode during clinical time.

Learning Resources

Required textbook:

Denise F. Polit & Cheryl Tatano Beck, (2011) Nursing Research principles and methods. Lippincott. W & W, New York, 11th edition

Optional text:

Carmen G. Loiselle & Joanne Profetto-McGrath, (2006) Canadian Essentials of Nursing Research Lippincott. W & W, New York

Other information resources

The journal of nursing research. http://journals.lww.com/jnr-twna/pages/default.aspx
Journal of research in nursing http://jrn.sagepub.com/

Resources of textbook:

Al Shagree book store, medical library in female medical campus

Methods of evaluation:

Quiz 1	10 %
Quiz 2	10 %
Assignment	20 %
Class work	20 %
Final exam	40 %

Course Requirements and Grading

University grading system. Absence from oral presentation will reduce your grade one quality point.

- Expectations from students: Attitudes, involvement, behaviors, skills, and ethics
- Student responsibilities to the course: as seen in teaching plan.
- Expectations for each assignment and project: each group of student has to submit the assignments on time.
- Important rules of academic conduct

Teaching plan

Week	Day	Date	Торіс
1 st	Saturday 1-2	28/1/2012	 An introduction to nursing research What is nursing research? The importance of research in nursing
			Role of nurses in research
	Monday 1-3	30/1-2012	Sources of evidence for nursing practiceTradition and authority
			Trial and error
			Assembled information
			Disciplined research
			Purposes of nursing research
2 nd	Saturday 1-2	4/2/2012	Comprehending key concepts in Qualitative& Quantitative research 1. The building blocks of research • The places and faces and of research • Phenomena, concepts and constructs • Theries, models, framework • Variables • Conceptual & operational definitions • Data • Relationships • Logical reasoning
	Monday 1-3	6/2/2012	 2. Critical challenges of conducting research Reliability, validity and trustworthiness Bias Research control

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			Randomness and reflexivity
			Generalizability and transferability
3 rd	Saturday	11/2/2012	Tutorial Workshop
	Monday	13/2/2012	Understanding the research process in qualitative And quantitative studies ✓ Major classes of quantitative. ✓ Major steps in a quantitative study
4 th	Saturday	18/2/2012	Ouiz 1
	Monday	20/2/2012	Scrutinizing research problems, research questions and hypotheses: ✓ Research problems and research questions ✓ Communicating the research problem, purpose and question ✓ Research hypotheses in quantitative research
5 th	Saturday	25/2/2012	Tutorial Group work
	Monday	27/2/2012	Finding & reviewing studies in the literature ✓ Purposes and use of literature reviews ✓ Locating relevant literature for a research ✓ Preparing writing reviews of research evidence
6 th	Saturday	3/3/2012	Tutorial Visit library
	Monday	5/3/2012	Scrutinizing quantitative research design ✓ Experiments ✓ Quasi-experiment ✓ Non experimental studies
7 th	Saturday	10/3/2012	Techniques of research control & controlling intrinsic factors
	Monday	12/3/2012	Understanding qualitative research design
8 th	Saturday	17/3/2012	Tutorial

	Monday	19/3/2012	Examining sampling plans ✓ Basic sampling concept
			✓ Sampling designs in quantitative research
			✓ Probability sampling
			✓ Types of qualitative sampling
9 th	Saturday	24/3/2012	
, oth	Monday	26/3/2012	Midterm Holiday
10 th	Saturday	31/3/2012	Scrutinizing data collection methods ✓ Self report
			✓ Observational methods
			✓ Quantitative observational methods
			✓ Biophsiologic measures
			✓
	Monday	2/4/2012	✓ Evaluating measurements and data quality
			✓ Analyzing quantitative data
11 th	Saturday	7/4/2012	Quiz 2
	Monday	9/4/2012	Systematic review: ✓ Meta- analysis
			✓ Metasynthesis
12 th	Saturday	14/4/2012	Reviewing the ethical aspects of a nursing study I
	Monday	16/4/2012	Reviewing the ethical aspects of a nursing study II
13 th	Saturday	21/4/2012	Using research in evidence-based nursing practice ✓ Research utilization & evidence based
			practice
			✓ The utilization of nursing research
			✓ Research utilization in nursing practice
	Monday	23/4/2012	Using research in evidence-based nursing practice ✓ Effort to improve utilization of nursing research

			✓ Evidence-based nursing practice
			✓ Barriers to research utilization & EBP in nursing
14 th	Saturday	28/4/2012	Read different types of research report
	Monday	30/4/2012	Understanding the specific guidelines for critiquing research report
15 th	Saturday	5/5/2012	Group work
	Monday	7/5/2012	Tutorial
16 th	Saturday	12/5/2012	Final exam
	Monday	14/5/2012	
17 th	Saturday	19/5/2012	Submission of research project
	Monday	21/5/2012	
18 th	Saturday	26/5/2012	
	Monday	28/5/2012	