

Jordan University of Science and Technology
Faculty of Nursing
Department of Community & Mental Health Nursing
First Semester 2023/2024
Course Specifications

Title & Instructor	
Course Title	Nursing Research
Course Number	NUR 402
Number of credit hours/ contact hours	3 Credit Hours
Prerequisites	PH 310
Course Level (JNQF)	Level 7
Course Website	-
Instructors	Diana Jaradat, RN, PhD Yasmin Al-Shannaq, PhD, PMHCNS, RN Tariq Al-Dwaikat, RN, PhD, CHPE
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Teaching Assistant	-

Course Description
<p>This course is an introduction to the research process; it describes the links between the research process & the problem-solving approach. This course focuses on the understanding of the research process & the role of the professional nurse in designing, utilizing, & conducting research. The research process & evidence-based practice are emphasized. Content includes how research contributes to the development of nursing knowledge, improves nursing practice, supports the design of nursing systems, & enhances education & professional accountability. The historical evolution of nursing research is examined, & current issues are analyzed. Ethical considerations & rights of human subjects are explored. The course will introduce the student to various principles of clinical research. It also introduces basic concepts of biostatistics as the basis for the understanding of the research findings & applications.</p>

Course Aim
<p>This course aims to introduce the undergraduate nursing students to the basic steps of researching locating researchable problems, determining the purpose of research, method, literature review, data collection, analysis, & discussion. The role of the professional nurse in research is emphasized along with designing & utilization of research. The course will provide the students with the opportunity to identify quality research through the application of research study critique.</p>

Course Map						
Course Student Learning Outcomes (CSLOs)	Weights	End of Program Students Learning Outcome (EPSLOs)	National Qualification framework K: Knowledge S: Skills C: Competency	Relevant Competency	Competency mastery level I: Introduced R: Reinforced P: Proficient	Evaluation Methods
1. Identify the nature of research in nursing, its purposes, & concepts.	15%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, & other sciences & disciplines to make judgments relative to the practice of nursing that is based on research findings & evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter-professional Care. Core-Competencies : Evidence Based Practice. Reflection.	I	1. Exam (multiple choice & essay questions).
2. Discuss the major steps in the research process.	20%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, & other sciences & disciplines to make judgments relative to the practice of nursing that is based on research findings & evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter-professional Care. Core-Competencies : Evidence Based Practice. Critical Thinking. Reflection.	I	1. Exam (multiple choice & essay questions).
3. Identify various principles of ethics in research as well as clinical research informatics.	10%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, & other sciences & disciplines to make judgments	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the	Role-Specific Competency: Inter-professional Care. Core-Competencies : Evidence Based	I	1. Exam (multiple choice & essay questions).

		relative to the practice of nursing that is based on research findings & evidence.	fields of learning some of which are state-of-the-art.	Practice. Reflection.		
4. Compare various research methods used in nursing.	15%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, & other sciences & disciplines to make judgments relative to the practice of nursing that is based on research findings & evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter-professional Care. Core-Competencies : Evidence Based Practice. Reflection.	I	1. Exam (multiple choice & essay questions). 2. Online discussion forum on e-Learning.
5. Identify the appropriate research design based on research purposes and questions.	20%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, & other sciences & disciplines to make judgments relative to the practice of nursing that is based on research findings & evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter-professional Care. Core-Competencies : Evidence Based Practice. Reflection.	I	1. Exam (multiple choice & essay questions).
6. Discuss relevant issues related to sampling, data collection, & data analysis.	10%	EPSLO 5: Use critical thinking to provide holistic nursing care across the lifespan in a variety of complex healthcare	L7, S2: Demonstrating specialized and conceptual skills in the field of study. L7,S3: The practice of	Role-Specific Competency: Care Provider. Core-Competencies : Patient Centered Care. Decision-Making.	I	1. Exam (multiple choice & essay questions).

		settings utilizing the nursing process to promote health, prevent diseases, & maintain the well	evaluation in planning, designing, technical and / or supervisory functions related to products, services, or processes.	Holistic-Care.		
7. Critique the elements of the research report for selected studies in nursing.	10%	EPSLO 5: Use critical thinking to provide holistic nursing care across the lifespan in a variety of complex healthcare settings utilizing the nursing process to promote health, prevent diseases, & maintain the well	L7, S2: Demonstrating specialized and conceptual skills in the field of study. L7,S3: The practice of evaluation in planning, designing, technical and / or supervisory functions related to products, services, or processes.	Role-Specific Competency: Care Provider. Core-Competencies : Patient Centered Care. Decision-Making. Holistic-Care.	R	Group Assignment .

Text Book & References (1)	
Title	Foundations of Nursing Research
Author(s)	Rose Marie Nieswiadomy
Publisher	Julie Alexander (prentice Hall)
Year	2014
Edition	Sixth edition
Book Website	www.prenhall.com/nieswiadomy

Teaching & Learning Methods

Learning Activities/Teaching Methods

The methods of instruction may include, but are not limited to:

- Lectures assignment
- Discussion & problem solving
- Group

Assessment

Assessment Type	Expected Due Date	Weight
First Exam	Saturday - Saturday 03/25 - 2023/04/08	25%
Second Exam	Tuesday - Tuesday 05/02 - 2023/05/16	25%
Assignments (Research Critique)	TBA	10%
Final Exam	Saturday - Saturday 06/10 - 2023/06/24	40%

Grading Scale

A+	100-95	C+	69-67
A	94-85	C	66-63
A-	84-80	C-	62-60
B+	79-77	D+	59-57
B	76-73	D	56-53
B-	72-70	D-	52-50

Course Schedule

Week	Topics	Readings	Achieved CSLOs	Assignments Due
1	Course Orientation & Development of Nursing Research	Chapter 1	1	
2	Ethical issues in nursing research	Chapter 2	1,8	
3	An overview of quantitative research An overview of qualitative research	Chapter 3	1,2,3,8	
4	Identifying a nursing research problem	Chapter 4 Chapter 5	3,4,8	
	First Exam			
5	Hypothesis & research questions	Chapter 8	4,8	
6	Review of literature	Chapter 6 Chapter 7	4,8	
7	Theory & nursing research			
8	Quantitative research designs	Chapter 9	3,5,8	

9	Quantitative research designs Methodological issues related to clinical trials	Chapter 9	5,8	
	Second Exam	Chapter 11	6,8	
10	Population & samples			
11	Measurement & collection of data (Including clinical research)	Chapter 12	3,6,8	
12	Data-collection Methods	Chapter 13	6,8	
13	Data Analysis & Descriptive Statistics	Chapter 14	6,7,8	
14	Data Analysis & Inferential statistics	Chapter 15	6,7,8	

Additional Notes	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the instructor and the dean of the Faculty of Nursing
Cheating	Prohibited; and in case of cheating the student will be subject to JUST regulations (could be accessed through this link http://www.just.edu.jo/aboutjust/RegulationsTemp/40%201/الطبعة%20تأديب%20نظام.pdf
Attendance	The instructor will keep track of attendance according to JUST regulations. In case of exceeding the permitted percentage of absenteeism (20%), the student will be dismissed from the course.
Participation	The instructor will serve as a facilitator of learning in the classroom and through posting various assignments on E-Learning. This approach is expected to facilitate successful achievement of the SLO's and course objectives. In the classroom, the instructor will implement different methods to encourage in-class participation.
Laboratory	N.A
Withdraw	Should any student decide to withdraw from the class, s/he should refer to the university calendar for due date regarding the last date to withdraw.