



Course Specification

(Bachelor)

Course Title:	Principles of scientific research in Nursing
Course Code:	NUR26451
Program:	Bachelor of Nursing Sciences
Department:	Nursing
College:	Applied Medical Science
Institution:	University of Bisha
Version:	6
Last Revision Date:	1-8- 2023





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A. General information about the course:

1. Course Identification

1. Credit hours: (2+0)					
2. Course type					
A.	<input type="checkbox"/> University	<input type="checkbox"/> College	<input checked="" type="checkbox"/> Department	<input type="checkbox"/> Track	<input type="checkbox"/> Others
B.	<input checked="" type="checkbox"/> Required		<input type="checkbox"/> Elective		
3. Level/year at which this course is offered: (Level 7 , 4th year)					
4. Course general Description:					
This course is designed to provide students the beginning knowledge and skills in research. The course focuses on the basic steps in research process, differentiating qualitative and quantitative methods of researches and the utilization of research in the evidenced based practice in nursing.					
5. Pre-requirements for this course (if any):					
NA					
6. Pre-requirements for this course (if any):					
NA					
7. Course Main Objective(s):					
Conduct steps of research process and evaluate of research reports.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	25	83.3%
2	E-learning	5	16.7%
3	Hybrid <ul style="list-style-type: none"> ● Traditional classroom ● E-learning 		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	25
2.	Laboratory/Studio	
3.	Field	
4.	E-learning	5
5.	Self-directed learning	45
Total		75

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Identify research principles and process in nursing and their importance in nursing practice.	K3	Interactive lectures, Pre lecture assignments Group activities	Written test Oral test Electronic quizzes
1.2	Identify methods of data collection methods and processing.	K3	Interactive lectures, Case studies. Group activities	Written test Oral test Electronic quizzes
1.3	Identify research findings for applicability and usefulness for nursing practice with diverse.	K3	Interactive lectures, Case studies. Group activities	Written exams Oral test Electronic quizzes
2.0	Skills			
2.1	Differentiate between various types of variables and hypothesis	S1	Interactive lectures, Pre lecture assignments Group activities	Written exams Oral test Electronic quizzes



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.2	Discuss steps of research process and its relation to evidence based practice.	S2	Interactive lectures, Group activities NCLEX questions	Written exams Oral test Electronic quizzes
2.3	Compare and contrast the planning of a quantitative study and a qualitative study	S3	Interactive lectures, Case studies. Group activities	Written exams Oral test Electronic quizzes
3.0	Values, autonomy, and responsibility			
3.1	Take responsibility for lifelong learning.	V1	Self-directed learning Team based learning	Oral presentation Group assignment
3.2	Committed to promote health and nursing care for patients and families regardless of age, gender, race, disability, creed or culture.	V2	Team based learning Self-directed learning	Oral presentation Group assignment

C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to nursing research in an evidence based practice environment.	1
2.	Fundamentals of evidence-based nursing practice.	1
3.	Key concepts and steps in qualitative and quantitative research.	2
4.	Ethics in research	2
5.	Research problems, questions and hypothesis.	3
6.	Finding and reviewing research evidence in the literature.	2
7.	Conceptual and theoretical frameworks.	2
8.	Quantitative research design	2
9.	Qualitative designs and approaches	2
10.	Sampling and data collection in quantitative design.	2
11.	Sampling and data collection in qualitative design.	2



12.	Measurement and data quality.	2
13.	Analysis of qualitative data.	2
14.	Statistical analysis of quantitative data.	2
15.	Critiquing research report.	3
Total		30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous assessment		30%
1.1	Electronic quiz	3 rd	10
1.2	Quiz	5 th	5
1.3	E- Individual assignment	9 th	5
1.4	Oral presentation - Group	11 th	5
1.5	Oral test	13 th	5
2	Mid exam (written test)	7 th	20%
3	Final exam (written test)	16 th	50%
	Total		100%

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	<ul style="list-style-type: none"> • Polit, D. & Beck. Essentials of Nursing Research. Appraising Evidence for Nursing Practice. Lippincott, William & Wilkins, 2014. • Denise Polit, 2017, Essentials of Nursing Research. LWW. • Paul D. Leedy and Jeanne Ellis Ormrod, (2014) Practical Research: Planning and Design. Pearson. • Peter Ellis, (2016) Understanding Research for Nursing Students, SAGE Publications.
Supportive References	Polit, D. & Beck. Essentials of Nursing Research. Appraising Evidence for Nursing Practice. Lippincott, William & Wilkins, 2014.
Electronic Materials	Blackboard materials
Other Learning Materials	<ul style="list-style-type: none"> • E- books electronic • Online US Library

2. Required Facilities and Equipment



Items	Resources
facilities	Classrooms (Well equipped with good infrastructure)
Technology equipment	Data show Blackboard Laptop computer Computer based simulator
Other equipment	Saudi Digital Library Online free Libraries

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Students GPA	Direct / indirect Direct
Effectiveness of Students assessment	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee	Direct / indirect
Quality of learning resources	Program Leaders Peer Reviewer Students Faculty PLOs assessment committee	
The extent to which CLOs have been achieved	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee Students Results	Direct / Indirect
Other		





G. Specification Approval

COUNCIL /COMMITTEE	DEPARTMENT COUNCIL
REFERENCE NO.	1/44/45
DATE	21-8-2023

