



Course Specification

(Bachelor)

Course Title: Evidence-Based Practice in Nursing

Course Code: 472 NUR - 1

Program: Nursing

Department: Nursing

College: College of Nursing and Health Sciences

Institution: Jazan University

Version: 2024-2025

Last Revision Date: December 23, 2024

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A. General information about the course:

1. Course Identification

1. Credit hours: 1 hour

2. Course type

- A. ☐ University ☐ College ☐ Department ☐ Track ☒ Others
- B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: Level 8/ Year 4

4. Course General Description:

This course is designed to teach the EBP skills needed to identify and critically appraise scientific evidence to evaluate the quality and applicability to clinical nursing practice.

5. Pre-requirements for this course (if any):

None

6. Co-requisites for this course (if any):

None

7. Course Main Objective(s):

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

- Demonstrate understanding of evidence-based practice, and evidence-based nursing.
- Recognize the importance of applying EBP.
- Analyze the components of EBP process.
- Use PICO questions for framing clinical inquiry.
- Search online databases for evidence.
- Analyze an existing clinical guideline
- Critically analyze research articles based on levels of evidence.
- Synthesize collected evidence to develop a guideline and clinical decision support tools.
- Determine appropriate measures to evaluate the effectiveness of EBP implementation and use data for quality improvement.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	100%
2	E-learning		
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	15
2.	Laboratory/Studio	0
3.	Field	0
4.	Tutorial	0
5.	Others (specify)	0
Total		15

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	Describe theories, concepts, and principles of EBP and evidence-based nursing and its role in improving nursing care and patient outcomes	K1	Interactive Lectures (include real-world clinical examples to explain the importance of EBP in improving patient outcomes)	Written Theory and practical Exam



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
			and visual aids such as flowcharts and concept maps to simplify the EBP process).	
1.2	Discuss appropriate techniques to collect and analyze evidence.	K2	Think-Pair-Share Flipped Classroom Quizzes and Polls for active recall	
1.3	Explain contemporary of evidence-based nursing to promote evidence-based patient care	K3		
2.0	Skills			
2.1	Perform nursing care practice according to the evidence-based nursing data and scientific studies.	S1	Problem-Based Learning (using clinical scenarios) + Class Discussions	Direct Written Theory Exam -MCQs
2.2	Appraise evidence to determine its rigors, reliability, and validity to promote evidence-based nursing care.	S2	Hands-On Database Workshops (how to search online databases and retrieve relevant articles)	
2.3	Integrate technology and information systems skills to formulate and answer researchable problem utilizing PICOT.	S3	Critical Appraisal Exercises (Using frameworks like CASP)	
2.4	Communicate evidence-based nursing findings effectively in written and	S4		





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	spoken English and Arabic language.		Clinical Guideline Analysis Workshop (using existing clinical guidelines such as WHO or AHA guidelines and ask students to assess guideline strengths, limitations, and applicability to specific patient cases)	
2.5	Apply critical thinking and problem-solving technique in solving problems related to evidence-based nursing.	S5	Role-Play to evaluate the impact of EBP implementation on patient outcomes	
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate a professional conduct, ethics, and values in carrying out evidence based nursing in the educational & clinical settings	V1	Ethical dilemmas related to EBP (ask students how they would address these challenges while maintaining professional accountability)	Written Theory Exam -MCQs
3.2	Collaborate with clients, colleagues, clinical instructor and health care team during the implementation of evidence-based Nursing	V2	Role-Play Group Project	



C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to EBP and the EBP process (part 1)	1
2.	Introduction to EBP and the EBP process (Part 2)	1
3.	Formulating Clinical Questions Using PICO	1
4.	Searching for Evidence in Online Databases	1
5.	Critical Appraisal of Evidence (Part 1)	1.5
6.	Critical Appraisal of Evidence (Part 2)	1.5
7.	Understanding and Analyzing Clinical Guidelines	1
8.	Synthesizing Evidence to Develop Guidelines/Tools (part 1)	1
9.	Synthesizing Evidence to Develop Guidelines/Tools (part 2)	1
10.	Implementing EBP in Clinical Practice	2
11.	Evaluating the Effectiveness of EBP Implementation	1.5
12.	Ethical Considerations and Interdisciplinary Collaboration	1.5
Total		15

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Student Discipline and Behavior	Continuous	5%
2.	Assignments Open Book Assessment Oral Presentation Role-play Journal Article Summary	Continuous	15%
3.	Midterm Theoretical Exam	8 – 9 th week	30%
4.	Final Theoretical Exam (multiple choices questions)	19-20 th Week	50%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential (Required) References	Melnyk, B.M. & Overholt, E.F. (2023) Evidence-based practice in nursing & healthcare: A guide to best practice. 5 th edition. Wolters Kluwer Health Lippincott Williams & Wilkins.
Supportive References	Melnyk, B.M., Gallagher-Ford, L., Fineout-Overholt, E.L. (2016) Implementing the evidence-based practice (EBP) competencies in healthcare: A practical guide for improving quality, safety, and outcomes. 1 st edition.
Electronic Materials	CINAHL



(<https://www.ebsco.com/products/research-databases/cinahl-database>)

PubMed

(<https://pubmed.ncbi.nlm.nih.gov/>)

Agency for Healthcare Research and Quality

(<http://www.ahrq.gov/clinic/cpgsix.htm>)

National Institute of Nursing Research

(<http://ninr.nih.gov/ninr>)

Johns Hopkins Medicine- Center for Evidence-Based Practice

(<https://www.hopkinsmedicine.org/evidence-based-practice>)

CASP

(<https://casp-uk.net/casp-tools-checklists/>)

UC Davis Library- Evidence-Based Practice Resources

(<https://guides.library.ucdavis.edu/evidence-based-practice/guidelines#:~:text=Many%20practice%20guidelines%20are%20posted,guideline%22%20in%20your%20search%20terms.>)

Other Learning Materials

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom and Computer Lab
Technology equipment (projector, smart board, software)	Data show/Projector, Smart Screen
Other equipment (depending on the nature of the specialty)	Library

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	-Course Report Students' Teaching -Evaluation Questionnaire -Continuous feedback obtained from students
Effectiveness of student's assessment	Instructor Peer Review	-Course Report



Assessment Areas/Issues	Assessor	Assessment Methods
		-CLO Evaluation Survey -Continuous feedback obtained from students
Quality of learning resources	Quality Assurance Unit Program Leaders	-Students Satisfaction Survey -Continuous feedback obtained from students
The extent to which CLOs have been achieved	Instructor Peer Review	-Course Report -CLO Evaluation survey -Continuous feedback obtained from students
Other		

G. Specification Approval

COUNCIL /COMMITTEE	Nursing Department Council
REFERENCE NO.	NUR 2508
DATE	Jan 15, 2025

