Course Specifications

Course Title:	Introduction to Nursing Research
Course Code:	(560341302)
Program:	Bachelor's degree in nursing program
Department:	Science & Nursing Research Department.
College:	Collage of Nursing
Institution:	Umm Al Qura University

Table of Contents

A. Course Identification

1. Credit hours: 2 hours
2. Course type
a. University ☐ College ☑ Department ☐ Others ☐
b. Required ☑ Elective ☐
3. Level/year at which this course is offered: 4th year / 2nd. Semester
4. Pre-requisites for this course (if any)**:**   ● **Medical Profession Ethics**   ● **English language**   ● **Major nursing courses**
5. Co-requisites for this course (if any)**:**   ● **None**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	**7.5**	**25**
2	**Blended**	**22.5**	**75**
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**30**
2	**Laboratory/Studio**	
3	**Tutorial**	
4	**Others** (specify)	
	Total	**30**

B. Course Objectives and Learning Outcomes

1. Course Description   **This course introduces the nursing students to necessary basic knowledge, concepts and ethical issues related to nursing research. The course provides students with an overview of qualitative and quantitative approaches to research. It enables students to conduct research in nursing field with emphasis on the applicability and implementation of research results to the nursing profession.**

2. Course Main Objective

At the end of this course the student will be able to conduct research and demonstrate the applicability and implementation of research results to the nursing profession.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
1	**Knowledge and Understanding**	
1.1	**Identify the purpose of research.**	**1.3**
2	**Skills:**	
2.1	**Differentiate type of research.**	**2.1**
2.2	**Discuss types of research**	**2.2**
2.3	**State research problems**	**2.2**
2.4	**Formulate research hypothesis.**	**2.2**
2.5	**Discuss the validity and reliability of research tools.**	**2.4**
2.6	**Analyze data.**	**2.1**
2.7	**Compare between the quantitative and qualitative research.**	**2.7**
2.8	**Evaluate research findings, applicability and usefulness for nursing practice.**	**2.5**
3	**Values:**	
3.1	**Maintain a positive attitude for life-long learning in the field of nursing research**	**3.2**
3.2	**Apply professional and ethical standards of nursing research.**	**3.3**

C. Course Content

No	List of Topics	Contact Hours
1	• **Introduction to nursing course** • **Course syllabus**	**2**
2	• **Introduction to nursing research** • **Purpose of research** • **Basic research terminology**	**2**
3	• **Research problems & Research hypothesis**	**2**
4	• **Review of literature** • **How to write reference**	**2**

5	• Research design	2
6	• Methods of data collection	2
7	**Midterm exam** • Validity and Reliability	2
8	• Sampling	2
9	• Ethics in Nursing Research	2
10	• How to write research proposal	2
11	• Data analysis & interpretation of data	2
12	• Critique research for nursing practice	2
13	• Discussion, limitations, Conclusion, and recommendations for future nursing research and application to nursing practice.	2
14	**Submission of research proposal**	4
17 & 18	**Final Exam**	
Total		**30**

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	**Identify the purpose of research.**	**Blended learning & group discussion**	**Midterm & final written exam Proposal presentation**
2.0	**Skills**		
2.1	**Differentiate type of research.**	**Blended learning & group discussion**	**Written Exam (midterm and Final written exam) Research proposal paper presentation**
2.2	**Discuss types of research**	**Blended learning & group discussion**	**Research proposal paper presentation**
2.3	**State research problems**	**Blended learning & group discussion**	**Research Proposal Presentation**

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.4	Formulate research hypothesis.	Blended learning & group discussion	Research Proposal Presentation
2.5	Discuss the validity and reliability of research tools.	Blended learning & group discussion	Research Proposal Presentation
2.6	Analyze data.	Blended learning & Group discussion & Group research project	Written Exam (midterm and Final written exam) Research proposal paper presentation
2.7	Compare between the quantitative and qualitative research.	Group discussion & Group research project	presentation
2.8	Evaluate research findings, applicability and usefulness for nursing practice.	Group discussion & Group research project	Research proposal paper presentation
3.0	Values		
3.1	Maintain a positive attitude for life-long learning in the field of nursing research	Independent learning	Research proposal paper presentation
3.2	Apply professional and ethical standards of nursing research.	Group discussion	Research proposal paper Final research presentation

2. Assessment Tasks for Students
*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1st semester			
1	Midterm exam	7th week	15%
2	Attended Research Activity (Conference, Seminars, Course Related Research).	All weeks	5%
3	Research Proposal content	12th week	20%

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1st semester			
4	Research Discussion (PowerPoint Presentation, Content of Presentation, Answering Questions)	13th &14 week	20%
3	Final written Exam	17th week	40%

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:
                Each week all faculty were available at their scheduled office hours for student's consultation with regard to academic advice.

-Staff Office Hours: 2hrs. each week for advice.

- **Academic Advising:** All students are distributed on the available staff, and each staff member meets with the student when needed (approximately 15- 20 minutes).

-Referral system: student who don't respond to academic advising and need more help are referred to the head of the department

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	• Nieswiadomy, R. S & Bailey. C, 2019: Foundations of nursing research 7th.ed, Pearson co., Boston. •
Essential References Materials	• Journal of Medical Surgical Nursing. • American Nursing Journal. • International Journal of Nursing Practice. • International Journal of Nursing& Health care.
Electronic Materials	Databases: CINAHL Cochrane Library Medline Nursing Reference Center Plus Scopus

	Web of Science Google Scholar
Other Learning Materials	**SPSS (for Quantitative research)** **Atlasti (for Qualitative research)**

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	• **Classroom (capacity of class 50 chair) with extent of Computer access facilities.** • **Computer lap (29 computers).**
Technology Resources (AV, data show, Smart Board, software, etc.)	• **Computer resources are required in classroom and laboratory.** • **There is a need for computer lab with internet access in both Lab and classroom**
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	**SPSS and Atlasti software are required.**

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
- **Content of the course** - **Effectiveness of teaching and assessment methods.** - **Media used during the course** - **Teacher performance** - **Environmental learning**	**Students/ Faculty/ Head of the Department**	**Confidential completion of standard course evaluation questionnaire.** **Focus group discussion with small groups of students.** **Students opinions toward strengths, weakness and their suggestions for improvement.** **Students' exam/ assignment results.** **Faculty/ self - evaluation.**
Annual Evaluation by Course Coordinator.	**Course coordinator & teaching staff**	**Revising content of the course & methods of teaching.**

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	