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**KING SAUD UNIVERSITY**

**College of Nursing**

**COURSE SYLLABUS**

**NURSING RESEARCH**

**412 NUR**

**Bachelor of Nursing Science Program**

**Course Coordinator**

Dr. Hanan A. Alkorashy

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| **Course Instructors** | |
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Please use e-mail for communication and questions

**1438 -1439H**

**2017- 2018G**

**King Saud University**

**College of Nursing**

**Nursing Administration & Education Dept.**

**Undergraduate Curriculum**

**Course Syllabus**

**1438-1439H**

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* Course Title: Nursing Research.
* Course Number: 412 NUR.
* Allotted hours :(3 theory + 0 practice).
* Instructor(s): Dr. Hanan A. Alkorashy, Dr. Fatma M. Baddar, Dr. Nazik Zakari, Dr. Olfat Salem & Dr. Joel Patalagsa

**Course Overview:**

This course is designed to introduce students to the **scientific research process, research methodologies** and the contributions of research to the improvement of nursing practice. It focuses on understanding, analyzing, and applying research findings to resolve nursing problem and improve outcomes. The **course also provides nursing students with competencies necessary to read, evaluate, and interpret findings of nursing research studies**. Emphasis is placed on **applying research methodology and** **ethical consideration** in development of a **research proposal** for evidence-based practice.

**Course Outcomes:**

Upon completion of this course, the student will demonstrate knowledge and skills as a consumer of research. The outcome will be evidenced by the student's achievement of the following competencies:

1. Discuss the **importance of nursing research** and how research expands knowledge in various nursing fields.
2. Discuss the **ethical consideration in nursing research**.
3. **Examine** the **concepts relevant to nursing research methods**.
4. Examine different **methodologies in nursing research**.
5. Apply **the steps of the nursing research process in developing a nursing research proposal.**

**Course requirement:**

1. **Learning activities:**

This course will be taught **using lectures, group discussions, students’ readings and reflective discussion**. Students will **apply the research process in developing a research proposal to be submitted the last week of the semester.**

1. **Content outline:**
2. **Nursing and the role of research:**

* Importance of research in nursing.
* Sources of knowing.
* Roles of nurses in scientific research.
* Ethical consideration in nursing research.
* Characteristics of the scientific research.
* Limitations of the scientific research.

1. **Overview of the research process:**

* Basic research terminology.
* Professional writing and referencing.
* Major phases and steps in the research process.

1. **Selecting and defining a nursing research problem:**

* Sources of research problems.
* Developing and refining a research problem.
* Formulating research question, purposes and hypotheses.

1. **Study backgrounds and Literature Review:**

* Purposes of a literature review.
* Scope of literature review.
* Types of and Sources for the literature review.
* Writing the literature review.

1. **Research designs considerations:**
2. *Experiments*
3. *Quasi-experiments:*
4. *Non*-experimental research:
5. *Additional types of research:*
6. **Research Sampling:**

* Probability sampling.
* Non-probability sampling.

1. **Data collection strategies:**

* Observational methods.
* Interviews
* Questionnaires.
* Other data collection methods.

1. **Data analysis, interpretation and results reporting**.

**Evaluation :**

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| *REQUIREMENTS* | *COURSE GRADE* |
| Quiz | 5% |
| 2 Mid-term Exams | 30% |
| Exercises | 15% |
| Research Proposal | 10% |
| Final Exam | 40% |
| Total | 100% |

**Teaching Strategies:**

* Interactive lecture & discussion
* Group presentations
* Group Discussions
* Group work

**Required Textbooks:**

* Nieswiadomy, R. (2012). Foundations of Nursing Research. 6th Ed. Pearson Education, Inc.

**Recommended *Readings*:**

* Polit, D. F. B. C. T. (2014). Essentials of nursing research: appraising evidence for nursing practice. Philadelphia: Wolters Kluwer Health /Lippincott Williams & Wilkins.
* Polit, D. F. P. D. F. (2014). Study guide for Essentials of nursing research : appraising evidence for nursing practice. Philadelphia, Pennsylvania: Lippincott Williams & Wilkins.

**Group Assignments:**

* Preparation of the Research proposal, including introduction, aim/objectives/questions and/or hypotheses, literature review, methodology, data management method(s), choice of relevant data analysis technique(s), will be completed in groups.
* Individual & groups levels' Class activities

**Class *Policy***:

**Attendance**: Students are expected to demonstrate regular class attendance and classroom behaviors that facilitate learning. It is expected that students will prepare for class, and actively participate in class discussions. It is the responsibility of the student to communicate with faculty regarding absences, and any necessary make-up assignments.

**Cellular Phone**: Use of a Cellular Phone during the class time is strictly forbidden

**Time Table for Lectures, Exams and Activities**

| **WK** | **DATE**  **Tuesday** | **TOPICS** | **Required Readings**  **Assignment & Activities** |
| --- | --- | --- | --- |
| **1** | **28/12/1438**  **19/9/2017** | * ***Introduction to the course, objectives and roles.*** * ***Ice Breaking Session*** | ***Welcome to the new academic year*** |
| **2** | **6/1/1439**  **26/9/2017** | ***Introductions to the course, objectives and roles***   1. **Nursing and the role of research:**  * Importance of research in nursing * Roles of nurses in scientific research * Sources of knowing. * Characteristics of the scientific research. * Limitations of the scientific research. |  |
| **3** | **13/1/1439**  **3/10/2017** | 1. **Overview of the research process:**  * Basic research terminology. * Professional writing and referencing | ***Visit to the College's Library***  ***Reading on Ethical Considerations in Scientific Research*** |
| **4** | **20/1/1439**  **10/10/2017** | 1. **Overview of the research process (Cont.):**  * Ethical consideration in nursing research. * Major phases and steps in the research process | ***Variables Exercises***  ***(In-Class)*** |
| **5** | **27/1/1439**  **17/10/2017** | 1. **Overview of the research process:** (Cont.)  * Research article writing (APA) style * Different types of References and citation * Data-bases search and referencing programs * Types of scientific research | ***Different types of References and citation Exercise*** |
| **6** | **4/2/1439**  **24/10/2017** | 1. **Selecting and defining a nursing research problem:**  * Sources of research problems. * Developing and refining a research problem * Criteria for evaluating research problem. | ***Group Activity (1)***  **Submit research topic and research point.** |
| **7** | **11/2/1439**  **31/11/2017** | * Statement of the research problem. * Formulating research question, purposes and hypotheses. | ***QUIZ(1)*** |
| **8** | **18/2/1439**  **7/11/2017** | 1. **Study backgrounds and Literature Review**:  * Purposes of a literature review. * Scope of literature review. * Types of and Sources for the literature review * Writing the literature review. | ***Exercise on Hypotheses*** |
| **9** | **25/2/1439**  **14/11/2017** | **MID- TERM EXAM (1)** |  |
| **10** | **3/3/1439**  **21/11/2017** | 1. **Research *designs:*** 2. Experiments 3. Quasi -experiments: | ***Group Activity (2)***  ***Submit 5articles related to selected research problem*** |
| **11** | **10/3/1439**  **28/11/2017** | 1. Non- experimental research design 2. Additional types of research designs: | ***Submit aim of the study***  ***and related questions,***  ***objectives/hypotheses*** |
| **12** | **17/3/1439**  **5/11/2017** | 1. **Research *Sampling***  * Probability sampling * Non-probability sampling | ***Group Activity (3)***  ***Submit problem***  ***Statement ( final), design***  ***Sampling Exercise*** |
| **13** | **24/3/14389**  **12/11/2017** | **MID-TERM (2)** |  |
| **14** | **1/4/1439**  **19/11/2017** | 1. **Data *collection Strategies***  * Major Types of Data Collection Methods * Observational methods * Interview and Questionnaires | ***Group Activity (4)***  ***Submit sampling plan*** |
| **15** | **8/4/1439**  **26/11/2017** | 1. **Analysis of research data** 2. **Interpreting and reporting research result** 3. **Research *utilization in nursing field*** | ***Research Projects Submission*** |
| **16** | ***Final Exam*** | |  |

**STUDENT ACTIVITIES:**

1. ***Group activities***
2. ***Research Proposal: 5 MARKS***

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| **Due date: 15th week of the classes** |

***Directions of Research Proposal: Develop a research proposal using the following elements.***

1. **INTRODUCTION**: In a few short paragraphs, describe the background of the issue being investigated. Give a brief rationale for doing the study.
2. **STATEMENT OF THE PROBLEM**: In one or two brief paragraphs describe the problem. Be specific and to the point. What is the issue and why is it important to investigate? Why is this concern for nurses?
3. **DEFINITION OF TERMS**: List any terms, which a reader may need to have clarified, or which might be misinterpreted. Definitions should be operational and each should be stated in one brief sentence. Definitions are needed for each term in the dependent and independent variables.
4. **HISTORY OF THE ISSUE**: If there is a historical evolution to the issue, which may impact on the study, describe it in a few brief paragraphs. Use references as necessary. Order references may be included if appropriate.
5. **REVIEW OF THE LITERATURE**: Describe the literature review. Keep your statements objective and report only what the literature reports on the subject. Limit your review to the past five years, unless there is historical information that is important to include.
6. **PURPOSE OF THE STUDY**: State what you wish the study to accomplish. Indicate why it is important that the issue be examined at this point in time. State this in no more than one paragraph.
7. **RESEARCH QUESTIONS**: You will probably be using research questions rather than research hypotheses. List the research question(s), which you will be investigating. Keep these to one or two and be very specific.
8. **VARIABLES**: List the independent and dependent variables.
9. **METHODOLOGY**: Subjects: Describe who the subjects are and where they are located, but do not name the actual institution or agency.
10. **SAMPLING PLAN**: Indicate how you plan to select the sample of subjects. Be specific.
11. **SUMMARY**: Make a brief summarizing paragraph of the importance of the study, the purpose of the study, any significant historical information, and the most important information noted in the literature. Limit these to one or two paragraphs.
12. **Presentations of Research project:**

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| **Presentations of Research project will be selected based on Course Calendar.**  **Due date: 16th week (5 MARKS)** |

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| ***Criteria for Group Evaluation: Marks distribution***  1.Clarity of presentations 2  2.Quality of Power point display 1  3.Asking focused question from the audience 1  4. Answering questions. 1  **Total: 5** |

**B. INDIVIDUAL CLASS ACTIVITIES:**

- Variables Exercise 4

- References and citation Exercise 3

- Hypothesis Exercise 4

- Sampling exercises 4

**Total: 15**

**Wish you GOOD LUCK …**