

**Course Outline**  
**NUR 403 – Nursing Research**

**Department:** Nursing

**Credit Hours:** 3

**Prerequisites:** NUR 210-329

**Co-requisite:** MTH 212

**General Education:** NA

**College Learning Outcomes:** Critical Thinking (2a & 2b), Communication Competency (1), Scientific Literacy (7b & 7c), Quantitative Competence (9a & 9e), Ethical Foundations (4b), Cultural Awareness (6b), Personal Wellness Responsibility (10a & 10c).

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- I. Course Description:** Focuses on the understanding and appreciation of the research process with an emphasis on the utilization of nursing research in clinical practice. Examines the interrelationship among nursing theory, nursing practice, and nursing research. Critically evaluates research proposals and published research studies. Develops an appreciation of the ethical considerations in human investigations.
- II. Purpose of the Course:** This course will provide the student with an understanding of the research process and provide rationale for determining the relevance of research studies for clinical practice. The student will be able to critically evaluate research proposals, the implementation of the research process, published research studies, and develop an appreciation for the ethical considerations in human investigations.
- III. College Learning Outcomes and Objectives:** NUR 403 integrates Learning Outcome 1-Communication and Learning Outcome 2-Critical Thinking. Upon Completion of the course, students will be able to critically analyze research articles appropriate to one's practice (Outcome 2a). They also will be able to write a scholarly research paper and present that paper to the class (Outcome 1a, 1b and 1c). In addition, in the development of a research proposal students will take into consideration the type of research being conducted (Outcome 7b and 7c), the type of statistics used in data analysis (Outcome 9a and 9e), the cultural variables of a population (Outcome 6b) and the personal wellness of the subjects (Outcome 10c).
- IV. Program Learning Outcomes:** NA
- V. Course Objectives:**
1. Analyzes the similarities and differences between the nursing process and the scientific method and research process (LO 7b& 7c).
  2. Critiques data analysis based on an understanding of statistics (LO 9a & 9e).
  3. Critiques the relevance of nursing research studies in promoting the health and adaptation of clients (LO 10c).

4. Analyzes the consumer and researcher roles within a historical and professional perspective (LO 6b).
5. Values the principles of beneficence, justice, and respect for human dignity in conducting nursing research (LO 4b).
6. Utilizes conceptual frameworks, theories, and research to analyze nursing situations and to guide nursing practice (LO 2b).
7. Demonstrates effective oral, written, and technological skills in transmitting clinical-based research to individuals and groups (LO 1b & 1c).
8. Demonstrates organizational skills in developing and planning research activities (LO 7b).

**VI. Topical Outline:**

1. Introduction to Research/ Development of Nursing Research
2. Quantitative Research Design
3. Qualitative Research
4. Ethical Issues in nursing Research
5. Nursing Research
6. Problems Review of Literature
7. Theory and Nursing Research
8. Hypotheses and Research questions
9. Critique of research reports
10. Populations and Samples measurement and Collection of Data
11. Data Collection Methods
12. Descriptive Statistics
13. Inferential Statistics
14. Presentation and Discussion of Study findings
15. Utilization of Nursing Research