

NUR 39000 Nursing Research

Course Information & Objectives

[College of Nursing \(CON\) Contact Information](#)

Course Description:

This course examines the research process and use of research-based evidence as a foundation for nursing. A review of both quantitative and qualitative methodologies will be incorporated. Distinguishing among non-research-based, primary, and meta-sources of evidence will be emphasized. Critical thinking skills will be used to read and evaluate published research.

Course Pattern:

Lecture 03 Lab 00 Credit 03

Prerequisites/Co-requisites:

NUR18200, NUR39401, NUR39700, NUR41500, NUR39100, NUR48200, and SOC38200

Course Objectives (Student Learning Outcomes):

After completing this course, you should be able to:

1. Discuss the role of research in professional nursing. (Aligns with End of Program Outcome #1 and #4)
2. Select appropriate literature to support one's own nursing practice. (Aligns with End of Program Outcome #4 and #5)
3. Use appropriate research terminology. (Aligns with End of Program Outcome #4 and #6)
4. Discuss ethical implications related to conducting and applying research. (Aligns with End of Program Outcome #3 and #7)
5. Distinguish between evidence-based practice and research utilization. (Aligns with End of Program Outcome #4)
6. Discuss the steps in the research process differentiating between quantitative and qualitative studies. (Aligns with End of Program Outcome #4 and #6)
7. Develop beginning critical analysis skills related to research literature. (Aligns with End of Program Outcome #6)

End of Program Outcomes:

1. Utilize the nursing process to implement principles of person centered care within the framework of basic human needs and life span development.
2. Demonstrate effective communication while collaborating therapeutically and effectively with healthcare system stakeholders.

3. Demonstrate professional leadership in the coordination of healthcare that minimizes risk, promotes safety, and manages resources by creating a culture of continuous quality improvement.
4. Implement the principles of evidence based nursing practice in policy development and the provision of person centered care in an evolving healthcare environment.
5. Utilize information technology to coordinate and support decision-making in the provision of person centered care.
6. Implement critical thinking strategies in the context of health promotion, health maintenance, health restoration and palliation to maximize optimal person centered health outcomes.
7. Exemplify professional values to include accountability for practice, and principles of altruism, autonomy, human dignity, integrity, social justice and ethics.

Assignments & Determination of Course Grade:

Quizzes

Week 2 Quiz 1

Covers readings and presentations assigned from Weeks 1 and 2.

Week 3 Quiz 2

Covers readings and presentations assigned from Week 3.

Week 5 Final Exam

Covers readings and presentations assigned from Weeks 1- 5.

Week 2 Assignment: CITI Human Subjects Research (HSR) Training

This is an assignment in which you are required to complete the training on protection of human subjects that is provided in collaboration by the Collaborative Institutional Training Initiative (CITI) program. While you will not be conducting research at this time in your career/education, you need to understand the ethical treatment of research participants in order to be a good consumer of research.

Week 3 Group Assignment: Critical Analysis and Appraisal–Quantitative Nursing Research Part I

This is an assignment in which you will critically analyze and appraise a quantitative nursing research article. There are 2 parts to this assignment, with each part being completed at different times in the 5-week session:

1. Critical Analysis and Appraisal: Quantitative Nursing Research Part I (due week 3)
2. Critical Analysis and Appraisal: Quantitative Nursing Research Part II (due week 4)

Week 4 Group Assignment: Critical Analysis and Appraisal–Quantitative Nursing Research Part II

This is an assignment in which you will critically analyze and appraise a quantitative nursing research article. There are 2 parts to this assignment, with each part being completed at different times in the 5-week session:

1. Critical Analysis and Appraisal: Quantitative Nursing Research Part I (due week 3)
2. Critical Analysis and Appraisal: Quantitative Nursing Research Part II (due week 4)

Week 5 Group Assignment: Critical Analysis and Appraisal: Qualitative Nursing Research

This is an assignment in which you will critically analyze and appraise a qualitative nursing research article. There is one part to this assignment due. Using the criteria in the template provided, analyze and appraise your selected qualitative research article. Fill out the assessment entirely, being sure to add rationales and explanations in all comment sections.

Week 5 Assignment: Peer and Self Evaluation

After your group has submitted all group work assignments (i.e., "Critical Analysis and Appraisal: Quantitative Nursing Research Parts I and II;" "Critical Analysis and Appraisal: Qualitative Nursing Research"), provide a self-evaluation and peer evaluation for each group member's contributions to the assignments.

Course Schedule:

Refer to the calendar in Brightspace for dates and times. Activity and assignment details will be explained in detail within each week's corresponding learning module. The dates and learning topics are subject to change

Due Dates

Weeks 1-4:

- Discussion initial post: **Due – Thursday at 10:00 p.m. CT.**
- Discussion responses: **Due – Sunday at 10:00 p.m. CT.**
- Assignments (unless indicated differently in the course): **Due – Sunday at 10:00 p.m. CT.**
- Quizzes and exams: **Due – Sunday at 10:00 p.m. CT.**

Week 5:

- Discussion initial post: **Due – Tuesday at 10:00 p.m. CT.**
- Discussion responses: **Due – Friday at 10:00 p.m. CT.**
- Assignments (unless indicated differently in the course): **Due – Friday at 10:00 p.m. CT.**
- Quizzes and exams: **Due – Sunday at 10:00 p.m. CT.**

Course Calendar:

| Week | Topic | Readings and Graded Activities/Assignments |
|-------------|--|--|
| 1 | Introduction to Research and Evidence-Based Practice | <ul style="list-style-type: none">• Discussions 1 & 2 post: Due – Thursday• Discussion responses: Due – Sunday |
| 2 | Quantitative Research Part I and Research Ethics | <ul style="list-style-type: none">• Discussion post: Due – Thursday• CITI Human Subjects Research (HSR) Training: Due – Sunday• Discussion responses: Due – Sunday• Quiz: Due – Sunday |
| 3 | Quantitative Research Part II | <ul style="list-style-type: none">• Discussion post: Due – Thursday• Critical Analysis and Appraisal–Quantitative Nursing Research Part I: Due – Sunday• Discussion responses: Due – Sunday• Quiz: Due – Sunday |

| Week | Topic | Readings and Graded Activities/Assignments |
|-------------|---------------------------------------|---|
| 4 | Qualitative Research | <ul style="list-style-type: none"> • Discussion post: Due – Thursday • Critical Analysis and Appraisal–Quantitative Nursing Research Part II: Due – Friday • Discussion responses: Due – Sunday |
| 5 | Applying Research to Nursing Practice | <ul style="list-style-type: none"> • Discussion post: Due – Tuesday • Self and Peer Evaluation: Due – Sunday • Critical Analysis and Appraisal–Qualitative Nursing Research: Due – Sunday • Discussion responses: Due – Friday • Exam: Due – Sunday |

Graded Course Activities:

| Points | Description |
|---------------|--|
| 33 | Discussions <ul style="list-style-type: none"> • Week 1 Discussion 1 (3 pts) • Week 1 Discussion 2 (6 pts) • Week 2 Discussion (6 pts) • Week 3 Discussion (6 pts) • Week 4 Discussion (6 pts) • Week 5 Discussion (6 pts) |
| 20 | Quizzes/Exams <ul style="list-style-type: none"> • Quiz 1 (3 pts) • Quiz 2 (7 pts) • Final Exam (10 pts) |
| 5 | CITI Human Subjects Research (HSR) Training |
| 9 | Critical Analysis and Appraisal: Quantitative Nursing Research Part I |
| 9 | Critical Analysis and Appraisal: Quantitative Nursing Research Part II |
| 12 | Critical Analysis and Appraisal: Qualitative Nursing Research |
| 12 | Self and Peer Evaluation |
| 100 | Total Points Possible |

Minimum Passing Standard

Upon completion of all required methods of evaluation, the student must have achieved an average score of 78% in the course.