

MARYWOOD UNIVERSITY  
COLLEGE OF HEALTH & HUMAN SERVICES  
DEPARTMENT OF NURSING & PUBLIC ADMINISTRATION

**Nursing 316: Nursing Research**

**Course Title:** NURS 316 (01) - Introduction to Nursing Research

**Credits:** 3

**Pre-Requisite:** Senior level status; Math 216

**Catalog Description:**

Introduction to the application of research principles within the clinical practice of nursing. Emphasis is on personal commitment to the use of research in practice.

**Professor:** Mary Alice Golden, Ph.D., R.N.

**Class Time:** Tuesday, 8:30 a.m. - 11:30 a.m.

**Course Objectives:**

1. Analyze the use of research related to the nursing process.
2. Identify the contributions of other disciplines to nursing research.
3. Utilize an approach to nursing research that is consistent with all of the essential values of altruism, equality, esthetics, freedom, human dignity, justice and truth.
4. Discuss legal issues in nursing research.
5. Communicate effectively in language used by professional researchers.
6. Examine research studies related to psychomotor nursing skills.
7. Utilize critical thinking in the formulation of strategies to promote the use of research in practice.
8. Analyze applied nursing research studies in areas of client care management, advocacy, education and professional membership.
9. Examine the concept of research utilization.

**Teaching Strategies:**

Lecture, discussion, critical analysis, library study, group activities, and study guide assignments.

**Required Texts:**

Burns, Nancy and Grove, Susan K., *Understanding Nursing Research*, 2<sup>nd</sup> Edition, Saunders Co., 1999.

Burns, N. and Grove, S.K., *Student Study Guide for Understanding Nursing Research*, 2<sup>nd</sup> Edition, Saunders Co., 1999.

Peteva, Roberta J., (2001). *A Cross Section of Nursing Research*. Pycszak Publishing, Los Angeles.

**Evaluation Methods:**

1. Quizzes	9/28/04 11/16/04	5 points 5 points
2. Critique: Stage 1 *	10/26/04	15 points
3. Mid-Term Examination	10/26/04	15 points
4. Critique: Stage 2 *	11/23/04	15 points
5. Group Project *	12/7/04	25 points
6. Final Examination	TBA	20 points

\* **Explanation of Assignments**

**Critique: Stage 1 and Stage 2**

**Step 1.**

The student selects a quantitative nursing research study (no more than 5-6 pages), from the various journals available (*Nursing Research, Advances in Nursing Research, Image, Nursing & Health Care, Nursing Management, Nursing Administrators Quarterly, Journal of Nursing Education, Critical Care Nursing Quarterly, Maternal-Child Nursing Journal, Heart and Lung, Research in Community and Mental Health, Research in Nursing & Health*). Use your extensive bibliography. **(A copy of the entire article must be submitted with the critique.) ARTICLE MUST BE OK'D BY INSTRUCTOR BY 9/30/03.**

**Step 2.**

After carefully reading the article, follow the Guidelines outlined in your textbook on page 386-390.

**Step 3.**

For Stage 1, the student must answer questions 1 - 6.

For Stage 2, the student completes the critique by answering questions 7-12.

**Scholarly Requirements:**

It is **expected** that the critique follow guidelines presented in the APA Manual. It is also **expected** that the paper reflect correct grammar, sentence construction, and spelling. An IBM-compatible or Macintosh word processing program is to be used to complete the paper. Points will be deducted for failing to meet any of the above-mentioned requirements. Additionally, **no late papers will be accepted.**

Please note: The student may submit a rough draft for both stages to the Instructor **no later than two weeks** before the due dates. The Instructor will review, revise, and return to the student, with time for editing, prior to final submission.

**Grading for Critique: Stage 1** (15 points)

	<u>Points</u>
1. Problem & Purpose	2
2. Literature Review	2
3. Study Framework	2
4. Objectives/Questions/Hypotheses	3
5. Variables	3
6. Design	3

**Grading for Critique: Stage 2** (15 points)

	<u>Points</u>
7. Sample, Population, Setting	2
8. Measurements	3
9. Data Collection	2
10. Data Analysis	2
11. Interpretation of Findings	3
12. Evaluation	3

## **GROUP PROJECTS: RESEARCH-BASED NURSING INTERVENTIONS**

- Group I - POLICY & PROCEDURES MANUALS REVIEW (3 students - Lisa Rusch, Stacy O'Malley, Megan Dodge)
- Group II - TEXTBOOKS REVIEW (2 students - Tim Reitz, Alycia Macri)
- Group III - NURSE INTERVIEWS PROJECT (3 students - Michelle Parker, Mary Jess Ford, Craig Ronco)

### **Group I: Policy & Procedures Manual Review**

Students in this group must:

1. Review policy & procedure manuals or protocol manuals for a selected nursing intervention in three different agencies.
2. Summarize the strengths and weaknesses of the interventions in each manual from the three agencies.
3. Discuss whether the interventions are documented with research publications.
4. Identify strategies for developing and implementing research-based interventions in policy & procedure manuals.

On the day of the presentation, students must use overhead transparencies or power point for the presentation and have a typed one-page summary of the project and a reference list for each class member and course instructor.

### **Group II: Textbooks Review**

Students in this group will:

1. Review at least four recent nursing textbooks (published within past 5 years)
2. Examine the books to see if any selected research-based interventions are presented.
3. Summarize the strengths and weaknesses of the presentation of the interventions in the textbooks.
4. Discuss whether the research on which the interventions are based are cited in the texts.
5. Suggest ways for improving the presentation of the interventions in the textbooks to facilitate student understanding and use of this information in practice.

On the day of the presentation, students must use overhead transparencies or power point for the presentation and have a typed one-page summary of the project and a reference list for each class member and course instructor.

### **Group III: Nurse Interviews Project**

Students in this group will:

1. Interview at least 5 nurses to determine how many of them are aware of any research-based interventions in their practice.
2. Explore what the nurses know about these interventions, if practice is based on research, and problems/pay-offs encountered.
3. Examine how decisions are made about when/if to use research findings in practice (real or hypothetical).
4. Develop a list of interview questions.
5. Analyze the data from interviews.
6. Present the data in tabular form.
7. Formulate possible strategies to promote the use of research findings in practice.

On the day of the presentation, students must use overhead transparencies or power point for the presentation and have typed a 1-page summary of the project, the interview questions, and a reference list for the class and course instructor.

#### **General Information for All Students:**

- Overhead transparencies and transparency markers can be purchased in the Campus Shoppe.
- Students will have 20 minutes for their presentation.

#### **Grading for Group Project (one grade/group -- 25 points)**

	<u>Points</u>
1. Organization of Content/Met objectives of assignment	3
2. Quality of visuals and handouts	3
3. Uses an outline. Does not read directly from paper.	2
4. Presentation is clear and logical	6
5. Content is complete and accurate	6
6. Encourages class discussion	3
7. Presentation is 20 minutes	1
8. Professional manner, language, and dress	1

Note: Students, as well as course instructor, will grade each presentation using the grade sheet provided. The average score will be the group's final grade for the project.



<u>Week/Date</u>	<u>Topic</u>	<u>Assignment</u>
9. 10/26/04	<ul style="list-style-type: none"> <li>• Sampling</li> <li>• Measurement &amp; Data Collection</li> <li>• <b>CRITIQUE: STAGE 1 DUE</b></li> </ul>	Chapter 8 Chapter 9 <b>MID-TERM EXAM</b>
10. 11/2/04	<ul style="list-style-type: none"> <li>• Measurement &amp; Data Collection</li> </ul>	Chapter 9 <b>(Rough Draft /Critique II due date)</b>
11. 11/9/04	<ul style="list-style-type: none"> <li>• Statistics in Research</li> </ul>	Chapter 10
12. 11/16/04	<ul style="list-style-type: none"> <li>• Qualitative Research</li> </ul>	Chapter 11 <b>Quiz II</b>
13. 11/23/04	<ul style="list-style-type: none"> <li>• Ethics in Research!</li> <li>• <b>CRITIQUE: STAGE 2 DUE</b></li> </ul>	Chapter 6
14 11/30/04	<ul style="list-style-type: none"> <li>• Class Group Work &amp; Review</li> </ul>	
15 12/7/04	<b>Group Presentations/ Course Evaluations</b>	

M.A.G. 7/04