WILMINGTON UNIVERSITY
COLLEGE OF HEALTH PROFESSIONS
BASIC COURSE INFORMATION

COURSE NUMBER: MSN 6606
COURSE TITLE: RESEARCH IN NURSING PRACTICE

PREREQUISITE: MAT 308 or equivalent undergrad statistics course

I. COURSE OBJECTIVES:

By completion of this course, the student will be able to:

1. Explain the relationships among nursing theory, nursing research, and nursing practice.
2. Contrast philosophical positions related to generation of knowledge and scientific development.
3. Differentiate the characteristics of qualitative and quantitative research methodologies.
4. Identify problems from clinical practice that may be resolved through qualitative or quantitative research.
5. Critique nursing research studies applied to health care and nursing practice.
6. Promote strategies for applying research findings to clinical practice.
7. Evidence critical thinking skills in class discussion, written work, online assignments, and oral/visual/voice-enhanced presentations

II. SUPPLEMENTAL OBJECTIVES:

1. Explain the relationships among nursing theory, nursing research, and nursing practice.

   Paths to knowledge
   Sources of research problems
   Theory-practice-research continuum
   Theoretical frameworks and research studies

2. Contrast philosophical positions related to generation of knowledge and scientific development.

   Philosophy of knowledge and science
   World views
   Paradigms in philosophy, psychology, education, health professions

3. Differentiate the characteristics of qualitative and quantitative research methodologies.

   Research questions
   Research designs
   Data collection, sampling
   Data analysis
4. **Identify problems from clinical practice that may be resolved through qualitative or quantitative research.**

   Linking the problem, research question with the approach  
   Lived experiences of the person  
   When is quantitative measurement important?  
   When is qualitative measurement important?  
   Triangulation

5. **Critique nursing research studies applied to health care and nursing practice.**

   Scientific rigor  
   Significance  
   Limitations  
   Ethical concerns  
   Generalizability, transferability, fittingness  
   Clarity  
   Credibility, reliability and validity issues

6. **Promote strategies for applying research findings to clinical practice.**

   Published reports  
   Conferences and presentations  
   Replication

7. **Utilize critical thinking skills in class discussion, written work, online assignments, and oral/visual/voice-enhanced presentations**

   Utilization of appropriate informational resources.  
   Value writing and speaking skills.  
   Integrate course concepts into all assignments