

**WILMINGTON UNIVERSITY
COLLEGE OF HEALTH PROFESSIONS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS
NURSE PRACTITIONER PROGRAM**

COURSE NUMBER **MSN 6620**

COURSE TITLE **APPLICATION OF RESEARCH FOR EVIDENCE BASED
PRACTICE**

CREDITS **3**

PREREQUISITE **Statistics**

FACULTY MEMBER

TERM

METHOD OF CONTACT/ OFFICE HOURS

COURSE TIME BREAKDOWN

35 Hours Scheduled Instruction
10 Hours Structured External Assignments *SEA
60-80 Hours Independent Learning

COURSE DESCRIPTION

This course will provide an overview of research methodologies and a comprehensive examination of evidence-based practice concepts relevant to advanced practice nurses. Biostatistics principles as well as quantitative and qualitative research methods related to the generation of clinical evidence will be analyzed. Students will develop an evidence-based practice change project up to the implementation point that supports positive patient outcomes and demonstrates sustainability.

Textbook:

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- improvement (QI) by their intent, terminology, development, and implementation.
- 2. Critically analyze research studies and clinical practice guidelines as they apply to interdisciplinary health professions.
- 3. Synthesize available evidence to identify gaps in the literature and the need for clinical practice change(s).
- 4. Analyze barriers and facilitators to the implementation of evidence-based practice initiatives.
- 5. Analyze frameworks for evidence-based practice and the evaluation of available evidence.
- 6. Systematically evaluate quantitative and qualitative research.
- 7. Utilize critical thinking skills in class discussion, written work, online assignments, and/or oral/visual/voice-enhanced presentations.

METHODOLOGY

A. Teaching and Learning Activities

Assigned Readings, Web-Enhanced Activities, External Literature Review, Blogs/Discussions, Journals in Flipgrid, Zoom meetings, PowerPoint, Kaltura

B. Evaluation Methods

Graduate Grading Scale

Grade	Numeric Equivalent
A	95%-100%
A-	92-94%
B+	89-91%
B	86-88%
B-	83%-85%
C+	80%-82%
C	77%-79%
C-	74%-76%
F	Less Than 74%

Rubrics and/or grading criteria are provided for assignments. Please review the rubrics and/or grading criteria before completing assignments.

Discussions (3) (All Objectives)

15%

Each discussion should include at least two peer-reviewed references from within the past 5 years (). The initial post is due by Thursday at midnight to allow

posting.

Journals (4) (All Objectives)

10%

For these entries you will complete the assigned task and upload them to Canvas.

Quantitative Research Article Appraisal (Objectives 2, 6, 7)

15%

For this assignment, you will critically appraise a quantitative research study. You will analyze a selected research study and produce an appraisal suitable for informing advanced practice nursing. The primary focus of this assignment should be on appraisal of evidence to implement in clinical practice. The paper should be written in paragraph format utilizing the guide posted on Canvas and should be in APA format.

Qualitative Research Article Appraisal (Objectives 2, 6, 7)

15%

For this assignment, you will critically appraise a qualitative research study. You will analyze a selected research study and produce an appraisal suitable for informing advanced practice nursing. The primary focus of this assignment should be on appraisal of evidence to implement in clinical practice. The paper should be written in paragraph format utilizing the guide posted on Canvas and should be in APA format.

Search Strategy Schematic (Objectives 2, 6, 7)

5%

For this assignment, you will submit a one-page literature search strategy schematic utilizing the examples posted in Canvas as a guide. Your schematic should have 4 distinct sections: identification, screening, eligibility, and included.

Table of Evidence (Objectives 1, 2, 6, 7, 8)

10%

For this assignment, you will submit a completed table of evidence inclusive of at least 5 articles.

Evidence Synthesis and Evaluation Table (Objectives 1, 2, 6, 7, 8)

5%

For this assignment, you will submit a completed evidence synthesis and evaluation tool with recommendations for clinical practice. Your tool should reflect the articles that you included in your completed table of evidence.

Evidence-Based Practice (EBP) Clinical Change Project (All Objectives)

25%

Students will identify a practice need through relevant clinical inquiry and data collection.

Course faculty must approve the student's identified clinical practice change topic.

- PICOT Question

For this assignment, you will submit a revised PICOT question that should incorporate feedback obtained during week two's discussion board. The PICOT question should be presented in two formats:

(1) delineated, i.e. P =, I =, C =, O =, T =; and

(2) in a complete sentence.

- Assess what evidence has been reported
- Identify gaps in existing knowledge

- Synthesize the literature
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Week	Topic	Reading Assignment	Activities and Assignments
	<ul style="list-style-type: none"> • Securing the Best Available Evidence • Critically Appraising Clinical Practice Guidelines 	Resources in Canvas	<ul style="list-style-type: none"> • Leveling and Grading Evidence • Securing the Best Evidence • Revised PICOT due • Week 3 Journal CITI training due • Discussion Board
Week 4 3/29/21	<ul style="list-style-type: none"> • Quantitative Research Methods • Qualitative Research Methods 	<ul style="list-style-type: none"> • Melnyk and Fineout-Overholt - Chapters 9 and 10 & Appendix D • 	

Academic Integrity Policy. To assist in identifying plagiarism, **SafeAssign** is utilized within Blackboard. For more information regarding **SafeAssign**:
<http://www.wilmu.edu/blackboard/toolsresources/safeassign.aspx>

College of Health Professions Attendance Policy:

Because class sessions are highly interactive, any student's absence diminishes the quality of learning for everyone.

Students are expected to attend all in-class sessions and to log on and participate in all online sessions, as the course format requires. Failure to do so may be considered an unexcused absence. Be apprised that faculty have the ability to monitor your access to Canvas sessions. Please note that your weekly attendance is electronically tracked and is a criterion for your final course grade. Communication with your course faculty is essential.

College of Health Professions Late Assignment Policy:

Late assignment submissions will not be accepted unless prior communication and approval have been arranged with the course faculty. No assignments will be accepted after the final day of the course unless the student has established a **Student "Incomplete" Course Grade Agreement** with the course faculty.

College of Health Professions Response Time Policy:

Faculty will generally respond to all student communication within 24-48 hours unless a weekend or holiday. Please refer to your course faculty's specific availability as noted within the course.

Nurse Practitioner Program Satisfactory Academic Progress Policy:

At Wilmington University, Satisfactory Academic Progress (SAP) in the Nurse Practitioner (NP) program is defined by the following three criteria:

1. Earn a B or better in all NP courses.
 - a. If less than a B is earned in a NP course, students can re-take the course one (1) time.
 - b. A maximum of two (2) courses may be repeated.
2. Maintain a 3.0 GPA or higher.
3. Complete all degree requirements within seven (5) years).

Failure to meet these requirements will result in academic dismissal from the program.