

**STUDENT WARNING:** This course syllabus is from a previous semester archive and serves only as a preparatory reference. Please use this syllabus as a reference only until the professor opens the classroom and you have access to the updated course syllabus. Please do NOT purchase any books or start any work based on this syllabus; this syllabus may NOT be the one that your individual instructor uses for a course that has not yet started. If you need to verify course textbooks, please refer to the online course description through your student portal. This syllabus is proprietary material of APUS

## American Public University System

*The Ultimate Advantage is an Educated Mind*

**School of Health Sciences  
Nursing Program  
NURS500  
RESEARCH AND EVIDENCE-BASED PRACTICE  
3 Credit Hours  
Length of Course: 8 weeks  
Prerequisite: NURS503**

### Instructor Information

**Name:**

**Email:**

*Please refer to the Syllabus tab for your instructor's contact information and biography.*

### Course Description (Catalog)

Advanced practice nurses must integrate evidence-based principles into their daily practice, and promote research-based decision-making in themselves and others. This course focuses on the critical analysis of research and its application to current nursing practice. Ethical issues in the design and conduct of research are addressed.

### Course Scope

This course is divided into 8 weeks and is designed to build on the student's research knowledge and to examine advanced research concepts to assist in development of an evidence-based practice. Learners critically review current research and develop an evidence-based practice project proposal that includes an intervention appropriate to nursing practice.

### Course Learning Objectives

After successfully completing this course, students will be able to:

NURS500 Syllabus

Version History

Developed November, 2014, Revised 3/15,

7/18\_Malate

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LO1: Use the PICOT method for research findings.

LO2: Synthesize multidisciplinary practice evidence.

LO3: Examine ethical issues related to the conduct of research.

LO4: Assess outcomes of evidence-based interventions.

LO5: Compare and contrast quantitative, qualitative and mixed research methods.

### Course Delivery Method

This course delivered via distance learning will enable students to complete academic work in a flexible manner, completely online. Course materials and access to an online learning management system will be made available to each student. Online assignments are due weekly as noted on the course outline and can include Forum questions and written assignments. Assigned faculty will support the students throughout this eight-week course.

### Course Materials

#### Required Course Textbook:

Burns, N. & Grove, S. (2013). *The practice of nursing research: appraisal, synthesis, and generation of evidence (7<sup>th</sup> Ed. )*. St. Louis, MO: Saunders

The School of Health Sciences requires use of APA style and format and each student is required to have a current copy of the *APA Publication Manual*. All written assignments are to be submitted in APA format style unless otherwise noted in the assignment directions.

#### Academic Writing Requirements:

The School of Health Sciences requires use of APA format and style and all are encouraged to have a current copy of the *APA Publication Manual*. All written assignments are to be submitted in APA format style unless otherwise noted in the assignment directions.

#### Web Sites

In addition to the required course texts, the following public domain web sites are useful. Please abide by the university's academic honesty policy when using Internet sources as well. Note web site addresses are subject to change.

- Academic Center for Evidence-based Nursing (ACE): <http://www.acestar.uthscsa.edu/>  
Agency for Healthcare Research and Quality (AHRQ): <http://www.ahrq.gov>

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- Cochrane Collaboration: <http://www.cochrane.org/>
- Guide to Community Preventive Services Task Force: <http://www.thecommunityguide.org/index.html>
- US Preventive Services Task Force (USPSTF): <http://www.uspreventiveservicestaskforce.org/>

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## Evaluation Procedures

### Forum

Students are required to participate in the forums each week. Replies must be posted in the week due and replies after the end of the each week will not be graded. The Forums are for student interaction and input should be submitted before the week ends in order to fully participate in the discussions. Students should demonstrate their own knowledge in the forums and avoid copying and pasting from websites.

#### **Guidelines:**

- Post the initial response to each forum by 11:55pm, ET, Thursday.
- Initial responses should be no less than 300 words.
- Initial responses are to be original in content and demonstrate a thorough analysis of the topic.
- Reply to at least 2 of your classmates in each forum by 11:55pm, ET, Sunday.
- Replies to classmates should be no less than 200 words.
- Responses to classmates are significant to advance the forum.
- All forums can be accessed in the Forums section of the course.

### Course Grading Outline

Grading Instrument	Percentage of Final Grade
Discussion Forums/Small group discussion	25%
NIH IRB Certification	5%
Qualitative Critique Presentation	15%
Quantitative Critique Presentation	15%
PICOT Assignment	10%
Literature Matrix	10%
EBP Presentation	20%
<b>TOTAL</b>	<b>100%</b>

### Course Outline

Lesson	Topic	Course Objective(s)	Reading(s)	Assignment(s)	Forum(s)
1	The Research-	LO2: Synthesize	Chapters 1,		Week 1 Forums:

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	Practice Connection	multidisciplinary practice evidence.	2, 3, 4		-Introduction -Research Practice Connection
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>2</b>	Reading the Research and Ethics in Research	LO2: Synthesize multidisciplinary practice evidence.  LO3: Examine ethical issues related to the conduct of research.	Chapters 5,7,8  NIH Tutorial	NIH Web-based training course "Protecting Human Research Participants".	Week 2 Forum: Reading the Research
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>3</b>	Qualitative and Outcomes Research	LO5: Compare and contrast quantitative, qualitative and mixed research methods.	Chapters 12, 13	Qualitative Critique	Week 3 Forum: Qualitative and Outcomes Research
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>4</b>	Quantitative research	LO5: Compare and contrast quantitative, qualitative and mixed research methods.	Chapters 10, 11, 14, 15, 16, 17	Quantitative Critique	Week 4 Forum: Quantitative Research
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>5</b>	Asking Clinical Questions-PICOT	LO1: Use the PICOT method for research findings.	Chapter 19	PICOT Assignment	Week 5 Forum: Asking Clinical Questions Using PICOT
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>6</b>	Searching and Appraising the Evidence	LO2: Synthesize multidisciplinary practice evidence.  LO4: Assess outcomes of evidence-based interventions.	Chapters 6, 18, 19	Literature Matrix	Week 6 Forum: Searching and Appraising the Evidence
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
<b>7</b>	Evidence-Based Practice and	LO2: Synthesize multidisciplinary	Chapters 19, 20, 26,	EBP Presentation	Week 7 Forum: Evidenced-Based

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	Research Informed Practice	practice evidence.  LO4: Assess outcomes of evidence-based interventions.	27		Practice
<b>Lesson</b>	<b>Topic</b>	<b>Course Objective(s)</b>	<b>Reading(s)</b>	<b>Assignment(s)</b>	<b>Forum(s)</b>
8	Reflection	LO2: Synthesize multidisciplinary practice evidence.  LO4: Assess outcomes of evidence-based interventions.			Week 8 Forum: Reflection of Learning and Completion of Course Objectives

## Policies

Please see the [Student Handbook](#) to reference all University policies. Quick links to frequently asked question about policies are listed below.

[Drop/Withdrawal Policy](#)

[Plagiarism Policy](#)

[Extension Process and Policy](#)

[Disability Accommodations](#)