

**Western Kentucky University**

**School of Nursing**

**NURSING 512  
RESEARCH APPLICATIONS**

**Spring 2012**

**Faculty: Donna S. Blackburn Ph.D., RN**

**Office: Tate Page Hall 408 J**

**Phone: (270) 745-3579 (office)  
(270) 796-7848 (cell)  
(270) 745- 4336 (fax)**

**E-mail: [donna.blackburn@wku.edu](mailto:donna.blackburn@wku.edu)**

**Catalog Description:** Includes interpretation, critique and communication of research findings; examines sources and application process for research funding. Written paper and presentation required.

**Credit:** Two credits

**Prerequisites:** Admission to graduate nursing program and completion of Nursing 510.

**Objectives:** At completion of this course the student will be able to:

- A. Analyze research studies for applicability of findings to advanced nursing practice.
- B. Demonstrate application of the research process through research utilization/EBP.
- C. Investigate sources appropriate for funding nursing research.
- D. Disseminate research findings for the improvement of nursing practice.

**Evaluation Methods:**

	Points
Evidence-based practice (EBP) Paper	90
Poster presentation	40
Quizzes (5 @ 10 points each)	50
Assignments (7 @ 10 points each)	<u>70</u>
Total points	250

**Grading:** A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = <60

1. Evidence-based practice (EBP) Paper - the student will submit an EBP paper which addresses a nursing problem. The EBP topic **must be approved by the faculty member**.
2. Poster Presentation -- the student will present a poster – time and location TBA.
3. On-line modules \*-- the student will complete a 6-module web assignment titled *Understanding evidence-based healthcare: A foundation for action*. Five quizzes will be completed covering the content addressed in the six modules. Online registration is available at:  
<http://us.cochrane.org/understanding-evidence-based-healthcare-foundation-action>
4. Assignments – the student will complete 7 assignments addressing content in the selected readings.

**Required texts:**

Melnik, B. & Fineout-Overholt, E. (2011). *Evidence-based practice in nursing & healthcare*. Philadelphia: Wolters Kluwer Health / Lippincott Williams & Wilkins.

Burns, N. & Grove, S. (2009). *The practice of nursing research: Appraisal, synthesis, and generation of evidence* (6<sup>th</sup> ed.). St. Louis, MO: Elsevier Saunders.

American Psychological Association (2010). *Publication Manual of the American Psychological Association* (6<sup>th</sup> ed. 2<sup>nd</sup> printing). Washington, DC.

## Weekly Schedule

<u>Week/Date</u>	<u>Topic</u>	<u>Readings / Assignments</u>
1. Jan 23	Modules 1 & 2 *	<b>Quiz 1</b>
2. Jan 30	Modules 3 & 4 *	<b>Quiz 2 &amp; Quiz 3</b> Melnyk & F-O, Ch. 3, 9, 10
3. Feb 6	Modules 5 & 6 *	<b>Quiz 4 &amp; Quiz 5</b>
4. Feb 13	Evidence-based practice (EBP)	Melnyk & Fineout-Overholt (F-O), Ch. 1, 2, 7 <b>Assignment 1</b>
5. Feb 20	Strategies for promoting EBP Models to guide EBP	Burns & Grove, Ch. 27 Melnyk & F-O, Ch. 8, 11, 12 <b>Assignment 2</b>
6. Feb 27	Critically appraising evidence	Melnyk & F-O, Ch. 4, 5, 6 <b>Assignment 3</b>
7. Mar 5	SPRING BREAK	No assignment
8. <b>Mar 12 - Mon</b> <b>2:00-4:00pm</b> <b>TPH 410</b>	<b>Disseminating evidence</b>	<b>In-class meeting</b> Burns & Grove, Ch. 25 Melnyk & F-O, Ch. 16
9. Mar 19	Disseminating evidence (continued)	<b>Assignment 4</b>
10. Mar 26	Generating external evidence	Melnyk & F-O, Ch. 17, 18, 20 <b>Assignment 5</b>
11. Apr 2	Writing research proposals	Burns & Grove, Ch. 28 Melnyk & F-O, Ch. 19 <b>Assignment 6</b>
12. Apr 9	Seeking funding for research	Burns & Grove, Ch. 29 <b>Assignment 7</b>
13. Apr 16-20	<b>Poster presentations - TBA</b>	
14. Apr 23-27	<b>Poster presentations – TBA</b>	
15. Apr 30	<b>EBP PAPER due by 4:30pm</b>	

**NOTE:** Faculty reserves the right to make changes in the syllabus to improve the course or enhance student learning. If changes are made, written notice will be emailed to students. **Student work may be checked using plagiarism detection software. NO LATE ASSIGNMENTS WILL BE ACCEPTED UNLESS FACULTY**

**IS CONTACTED PRIOR TO THE DEADLINE DATE AND TIME!**

**EVALUATION OF EBP PAPER**

**I. ABSTRACT [10 points]**

**II. BACKGROUND / SIGNIFICANCE [15 points]**

- A. Identify the research topic selected.
- B. Discuss the nursing problem that requires solution, the importance of the topic to nursing and health care and the relationship of the topic to the components of the Advanced Practice Nurse role (clinician/practitioner, educator, researcher, administrator, change agent etc.)
- C. Specifically identify the clinical question investigated
- D. Select and discuss an appropriate model or theory as a framework for your paper.

**III. CRITICAL APPRAISAL OF THE LITERATURE [35 points]**

- A. Identify the methods/search strategy for the literature review
- B. Discuss the nature of evidence related to this topic
- C. Analyze, synthesize, evaluate and summarize the literature. Identify similarities, differences, gaps and problems in the literature.

**IV. CLINICAL PRACTICE IMPLICATIONS [10 points]**

- A. Describe clinical practice implications, based on the evidence in the literature.

**V. LITERATURE REVIEW SUMMARY TABLE / PINCH GRID [10 points]**

- A. See example on pp. 105-109 in the Burns & Grove text

**VI. FORMAT [10 points]**

- A. Paper demonstrates appropriate use of APA format, correct spelling, grammar, sentence structure. Paper lacks typographical errors. Maximum length: 10 pages

### Rubric for grading EBP paper

	Possible points	Points earned
<b>I. Abstract (10 points)</b>	<b>10</b>	
<b>II. Background/Significance (15 points)</b>		
A. Identify the research topic	2	
B. Discuss the nursing problem that requires solution	2	
• Importance of the topic to nursing and health care	2	
• Relationship of topic to the components of the Advanced Practice Nurse role	2	
C. Identify the clinical question investigated	2	
D. Discuss selected model or theory	5	
<b>III. Critical appraisal of the Literature (35 points)</b>		
A. Identify the search strategy for the literature review	5	
B. Analyze, synthesize, and evaluate the evidence in the literature:		
• Identify similarities	10	
• Identify differences	10	
• Identify gaps and problems in the literature	10	
<b>IV. Clinical practice implications (10 points)</b>	10	
<b>V. Literature review summary table (10 points)</b>	10	

<b>VI. Format (10 points)</b> A. Appropriate use of APA format B. Correct spelling, grammar, sentence structure C. Maximum length: 10 pages	<b>6</b> <b>3</b> <b>1</b>	
--	----------------------------------	--

NAME

**\*EVALUATION OF POSTER PRESENTATION**

The student will design a poster using the following format:

\_\_\_\_\_

**Overall Appearance (12 points)**

Attractive / uncluttered / sufficient white space	4	3	2	1
Appropriate arrangement / color / spelling	4	3	2	1
Display readable from 4-6 feet	4	3	2	1

**Content (28 points)**

Problem clearly identified	4	3	2	1
Clinical question clearly stated	4	3	2	1
Theoretical framework included	4	3	2	1
Search methods & sources identified	4	3	2	1
Evidence-based findings clearly presented	4	3	2	1
Summary of conclusions provided	4	3	2	1
Clinical practice implications appropriate	4	3	2	1

**TOTAL POSSIBLE POINTS: 40**

