

**WEBSTER UNIVERSITY
NURSING DEPARTMENT
NURS 3270 Nursing Research and Evidence-Based Practice
Fall 2, 2009**

Instructor: Susan Kasal Chrisman, RN, PhD
Telephone: 913 645-5377
Email: susan.kasal-chrisman@researchcollege.edu or chrisman@webster.edu
Class: Thursday, 5:30-9:30 PM

Course description:

The research process and strategies for critiquing nursing research are discussed. Using research findings to guide evidence-based nursing practice is emphasized.
Prerequisites: NURS 3010, 3030 and PSYC 2750

Learning outcomes:

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

1. Discuss the relationship of theory, research, and practice.
2. Describe the steps of evidence-based practice.
3. Discuss the research process.
4. Discuss ethical considerations in research.
5. Critically evaluate published nursing research.
6. Compare and contrast nursing research, evidence-based practice, and research utilization.

Textbook:

LoBiondo-Wood, G. & Haber, J. (2010). *Nursing research: Methods and critical appraisal for evidence-based practice (7th ed.)*. St. Louis: Mosby Elsevier.

Essential Course Content:

History of nursing research	Quantitative research
History of evidence-based practice	Qualitative research
Critiquing research	Research designs
Ethical considerations in research	Models of evidence-based practice
The research process	Levels of evidence
Research problems/questions	Evidence retrieval/screening
Hypotheses/variables	Research utilization
Literature review	Clinical questions
Theoretical/conceptual frameworks	Data Collection
Sampling	Analysis/Findings
Measurement	

Grading Scale

A	95-100	C+	83-84
A-	93-94	C	77-82
B+	91-92	D	70-76
B	87-90	F	69 and below
B-	85-86		

UNIVERSITY POLICIES:

Academic Honesty

The university is committed to high standards of academic honesty. Students will be held responsible for violations of these standards. Please refer to the university's academic honesty policies for a definition of academic dishonesty and potential disciplinary actions associated with it. These policies can be found online at: <http://www.webster.edu/graduatecatalog/policies.shtml>

Drops and Withdrawals

Please be aware that, should you choose to drop or withdraw from this course, the date on which you notify the university of your decision will determine the amount of tuition refund you receive. Please refer to the university policies on drops and withdrawals (published elsewhere) to find out what the deadlines are for dropping a course with a full refund and for withdrawing from a course with a partial refund. These policies can be found online at: <http://www.webster.edu/graduatecatalog/policies.shtml>

Special Services

If you are registered as a student with a documented disability and are entitled to classroom or testing accommodations, it is your responsibility to **inform the instructor at the beginning of the course of the accommodations you will require** in this class so that these can be provided. If you have a disability that may have some impact on your work in this class and for which you may require accommodations please contact the Academic Resource Center.

Disturbances

Every student is entitled to full participation in class without interruption, all students are expected participate in all in class and online course activities. Disruption of the learning process or inconsiderate behavior, on line or in class, is not acceptable. Students are expected to treat the instructor and other students with dignity and respect, especially in cases where a diversity of opinion arises. Students who engage in disruptive behavior are subject to disciplinary action, including removal from the course.

Learning Activities:

Lecture, discussion, small group work, written critiques, and readings from the textbook and selected articles.

Course Assignments/Requirements:

Quizzes

There are 5 quizzes covering key concepts in the text.

Critique of quantitative or qualitative article

Select a quantitative research article to critique. Guidelines for critiquing quantitative articles is on pages 349-351. Articles are approved by the instructor. Results are written in narrative form.

Types of research

Several research articles are in the appendices (C, D, E, F). Select three articles and for each identify: the research method (quantitative, qualitative); if quantitative is the article descriptive, correlational, quasi-experimental, or experimental; if qualitative, is the article phenomenological, grounded theory, ethnographic, historical, or other; Provide a rationale for your answer. Do an APA reference list of the articles. Assignment will be discussed in class.

EBP project

Conduct and prepare a written paper on a project to promote evidence-based practice. Use the following steps as a guide. In an introductory paragraph, clearly identify a clinical problem that might be improved by using nursing research knowledge and formulate a clinical question using PICO (page 395) to develop the problem statement. Review the literature using 5 current (within the last 5 years) **nursing** research studies on the clinical problem and summarize each study in an **integrated review** of the literature. Write a summary of the project noting what is known and not known about the topic. Paper is written in APA format with 1 in margins, Times New Roman, 12 font, and double spaced. Paper should include a title page, abstract, and APA reference list. Submit articles with the paper. Prepare a 10 minute power point presentation of the project using no more than 20 slides.

Evaluation:

Quizzes	20%
Types of research	20 %
Critique of quantitative research article	30 %
EBP project and presentation	30 %

Weekly Calendar

Fall 2 2009

Week	Topic	Learner Activities
1 10/29/09	Introduction to the course Integrating the process of research and EBP	Register for the online companion site for the text. Text--Chapter 1
2 11/5/09	Research questions, hypotheses, and clinical questions Literature review	Text—Chapter 2, 3 <i>Critique of research/clinical questions and hypotheses and literature:</i> Critique selected articles in Appendix A and B in the text using the “Critiquing Criteria” on page 52. Critique the literature in the same articles following the “Critiquing Criteria” on p. 77. Quiz 1—Chapters 1, 2, 3
3 11/12/09	Qualitative research	Chapters 4, 5, 6 Small group work critiquing qualitative research Quiz 2—Chapters 4, 5, 6
4 11/19/09	Quantitative research	Chapters 7, 8, 9, 10 Small group work critiquing quantitative research Quiz 3—Chapters 7, 8, 9, 10
5 11/26/09	Happy Thanksgiving!	
6 12/3/09	Quantitative research (cont.)	Chapters 12, 13, 14, 15, 16 Small group work critiquing quantitative research Quiz 4—Chapters 12, 13, 14, 15
7 12/10/09	Legal and ethical issues Evidence-based practice	Chapters 11, 17 & 18 Video: <i>Deadly Deception</i> Critique of article due Quiz 5—Chapters 17 and 18
8 12/17/09	Evidence-based practice	EBP projects due/ppt presentations/discussion