

ORIGINATOR'S SECTION:

1. School : Nursing Desired Term: Fall and Year 2010 of implementation.

2. Course is to be considered for G.E.? (If yes, also fill out appropriate GE form*) Yes _____ No X

3. Course will be a variable-topics (generic) course? Yes _____ No X
 ("generic" is a placeholder for topics)

4. Course abbreviation and Number:* NURS 510

5. Title: (Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)
 Nursing Research Methods

6. Abbreviated Title for Banner:
 (no more than 25 characters, including spaces)
 Nursing Research

7. Number of Units: 3

8. Catalog Description: (Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.)

NURS 510 Nursing Research Methods (3)
 Refinement of the student's understanding of the research process, qualitative and quantitative research design and corresponding methods of analysis. Sampling theory, recruitment of participants, methods of data collection, reliability and validity, and scientific rigor are explored. Students analyze, evaluate, and interpret studies contributing evidence for practice and knowledge development. Students will prepare a draft proposal for their directed graduate project or graduate thesis and form a thesis or project committee as assignments in this course. Prerequisites: NURS 500, 502, 503, 504, 506 and 508. Co-requisite: EDST 633 or NURS 530 or NURS 550.

9. Why is this course being proposed?
 Required graduate level core course for the MSN and RN – MSN student.

10. Mode of Instruction*
 (See pages 17-23 at <http://www.calstate.edu/cim/data-element/APDB-Transaction-DED-SectionV.pdf> for definitions of the Course Classification Numbers)

Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)
Lecture	3	C - 5
Activity		
Lab		

11. Grading Method:*
 Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)
 Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)
 Credit/No Credit Only (C)
 Credit/No Credit or Report-in-Progress Only (CP)

12. If the (NP) or (CP) grading system was selected, please explain the need for this grade option.

13. Course Requires Consent for Enrollment? Yes No

Faculty Credential Analyst Dean Program/Department - Director/Chair

14. Course Can be Taken for Credit More than Once? Yes No
 If yes, how many times _____ (including first offering)

15. Is Course Crosslisted: Yes No

If yes, indicate which course _____ and check "yes" in item #22 below.

NURS 510 Nursing Research Methods (3)

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Course Objectives

Upon successful completion the student will be able to:

1. Examine the current status of nursing research and its relationship to nursing theory and practice.
2. Describe methods of generating nursing knowledge according to the philosophical traditions of quantitative and qualitative research processes.
3. Select research designs appropriate to selected area of inquiry.
4. Conduct comprehensive literature reviews to discover contemporary work in a selected area of nursing.
5. Critique published research studies to identify gaps in selected area of inquiry or for application to advanced practice nursing.
6. Propose a research project based on the current body of knowledge in a selected area of nursing practice.
7. Identify research questions and select appropriate data collection tools and statistical measures to find answers to questions.
8. Explain the process by which a nurse can obtain financial support for research activities.
9. Delineate ethical concerns and issues related to the conduct of nursing research.
10. Demonstrate scientific writing and presentation skills.

Course Outline:

- I. Foundations of Nursing Research and Evidence-Based Practice
 - A. Nursing Research and Evidence-Based Practice
 - B. Translating Research Evidence into Nursing Practice
 - C. Concepts of Qualitative and Quantitative Research
 - D. Writing Proposals to Generate Evidence

- II. Conceptualizing a Study to Generate Evidence for Nursing
 - A. Conceptualizing Research Problems, Research Questions, and Hypotheses
 - B. Reviewing Literature
 - C. Developing a Theoretical or Conceptual Context
 - D. Generating Research Evidence Ethically

- III. Designing a Study to Generate Evidence for Nursing
 - A. Planning a Nursing Study
 - B. Developing an Approach for a Qualitative Study
 - C. Designing Quantitative Studies
 - D. Enhancing Rigor in Research
 - E. Undertaking Research for Specific Purposes
 - F. Developing a Sampling Plan

- IV. Collecting Research Data
 - A. Designing and Implementing a Data Collection Plan
 - B. B. Data Collection Strategies
 - C. Assessing Measurement Quality in Quantitative Studies
 - D. Developing and Testing Self-Report Scales

- V. Analyzing and Interpreting Research Data
 - A. Analyzing Qualitative Data
 - B. Enhancing Quality and Integrity in Qualitative Research
 - C. Describing Data through Statistics
 - D. Using Inferential Statistics to Test Hypotheses
 - E. Using Multivariate Statistics to Analyze Complex Relationships
 - F. Designing a Quantitative Analysis Strategy

- VI. Building an Evidence Base for Nursing Practice
 - A. Integrating Research Evidence
 - B. Disseminating Evidence

Methods of Evaluation:

- 1. Participation/Communication 10 points
- 2. Research Proposal Paper 75 points
- 3. Research Proposal Presentation 50 points

Standard Grading Scale:

The letter grades will be assigned according to the following points:

Letter Grade	Points
A	122 -135
B	108 - 121
C	96 - 107
D	81- 95
F	≤81

Required Textbooks

1. Polit, D. E. & Beck, C. T. (2008). *Nursing Research: Generating and Assessing Evidence for Nursing Practice*. Philadelphia: Lippincott, Williams & Wilkins.
2. Holtzclaw, B. J., Kenner, C. & Walden, B. (2009). *Grant Writing for Nurses*. Sudbury, MA: Jones and Bartlett.
3. Schmidt, N. A. & Brown, J. M. (2009). *Evidence-Based Practice for Nurses: Appraisal and Application of Research*. Sudbury, MA: Jones and Bartlett.

Recommended Books:

1. LoBiondo, G. & Haber, J. (2006). *Nursing Research: Methods and Critical Appraisal for Evidence-Based Practice*. St. Louis: Mosby Elsevier
2. Meleis, A. I. (2006). *Theoretical Nursing: Development and Progress*. Philadelphia: Lippincott, Williams and Wilkins
3. Peterson, S. & Bredow, T. (2008). *Middle-Range Theories: Application to Nursing Research*. Philadelphia: Lippincott, Williams and Wilkins
4. Pender, N. J., Murdaugh, C. L. & Parsons, M. A. (2006). *Health Promotion in Nursing Practice*. New Jersey: Pearson Prentice Hall.