Spring 2012 NURS 5023 RESEARCH IN NURSING

Faculty: Jane Leach PhD, RNC
Midwestern State University Wilson School of Nursing Bridwell Hall 319
Email: Web CT is the preferred method of communication for this class and will be used for faculty updates and announcements. If you are unable to access Web CT you may contact me by campus email at jane.leach@mwsu.edu

COURSE DESCRIPTION:
This course prepares students to critique research literature for appropriateness and utilization in nursing practice. Emphasis is placed on increasing knowledge and skills related to the development and evaluation of research proposals. Both quantitative and qualitative methodologies are explored.

PREREQUISITES:
Undergraduate statistics course

CREDIT HOUR ALLOCATION:
3 semester hours (3 classroom and 0 clinical clock hours)

COURSE OBJECTIVES:
Upon completion of this course the student should be able to:

<table>
<thead>
<tr>
<th>Objectives</th>
<th>Relation to AACN Essentials:</th>
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<tr>
<td>1. Synthesize selected research findings to determine applicability of the findings to nursing practice.</td>
<td>I: 1,2,6</td>
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<td>2. Evaluate the appropriateness of selected quantitative and qualitative research designs relative to research problems, purposes, questions, and/or hypotheses.</td>
<td>I: 6</td>
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<td>3. Compare and contrast salient features of qualitative and quantitative research, such as rigor, validity, and reliability.</td>
<td>I: 6</td>
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<td>4. Analyze proposed research procedures with regard to ethical and human subjects’ protection issues.</td>
<td>III: 3,5</td>
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<tr>
<td>5. Use available technology to access databases and to analyze quantitative and qualitative data.</td>
<td>I: 3,4,5</td>
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LEARNING EXPERIENCES:
The students will engage in a variety of learning experiences including online discussions, readings, and preparation of a review of literature pertinent to the question(s) to be answered in their Evidence Based Practice Project.

REQUIRED TEXTS


**SUBMISSION OF ASSIGNMENTS**
Timely submission of all assignments is required. In the event that a student needs an extension due to compelling circumstances, this is to be discussed well in advance of the due date. **Late assignments will receive a 5 point per day reduction in score except in emergent circumstances; it is important to note that a late submission date must be negotiated in advance except in these emergent circumstances. It is likely you will be asked to submit the work completed to date so that faculty can see that an effort has been made to complete the assignment and that the emergency is not poor planning.**

**MSU NURSING DEPARTMENT GRADING SCALE**

<table>
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<tr>
<th>GRADING RANGE</th>
<th>LETTER GRADE</th>
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<tbody>
<tr>
<td>90 – 100</td>
<td>A</td>
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<tr>
<td>80-89</td>
<td>B</td>
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<tr>
<td>74-79</td>
<td>C*</td>
</tr>
<tr>
<td>65 – 73</td>
<td>D*</td>
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<tr>
<td>64 or lower</td>
<td>F*</td>
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* A grade of B or greater is required for successful completion of all graduate courses.

Note: Special considerations for students:

1. **Conditional status** are not permitted to withdraw from the class if it is within the first 12 hours of graduate work
2. **Provisional status** – NURS 5023 is a course that must be completed for removal of the provisional status and are a) not permitted to drop the course, b) not permitted to withdraw from the course, and c) required to complete it successfully (with a B or better) on the first attempt.
3. **RN to MSN students** must earn a B or greater in order to receive graduate credit for this course. A grade of C will result in credit awarded toward the undergraduate degree, and the student will be moved from the RN to MSN program into the RN to BSN program if continuation at MSU is desired.

**Course grade will be calculated as follows**
All assignment due Saturdays at 10 pm unless otherwise indicated

| Discussions/activities on Blackboard | 25% | Weekly by Saturday at 10pm |
| PICO question  | Appendix A | 05% | Due January 28 |
| NIH Research Ethics Training | 10% | Due Feb 4th |
| Online quiz questions | 05% | See Assignment icon |
| Assignment – Appraisal Table | Appendix B | 20% | Due March 24th |
| Evidence Based Final Paper | Appendix C | 35% | Due 5 pm Tuesday May 1st |
| 100%* | |

*5 Bonus points can be added to your final paper grade if you complete the post test and send me a completed grade. See week 5 of the Course Calendar. You can find this U of Michigan link under web links.

**Registration Fee Refund** See MSU Schedule of Classes for the current semester for Withdrawal or Drop Course Refund policies.
**AMERICANS WITH DISABILITIES ACT**
Midwestern State University does not discriminate on the basis of an individual’s disability and complies with Section 504 of the Americans with Disabilities Act (ADA) in its admission, accessibility, and employment of individuals in programs and activities. MSU provides academic accommodations and auxiliary aids to individuals with disabilities as defined by law, who are otherwise qualified to meet academic employment and requirements. For assistance call (940) 397-4618 or (940) 397-4515 TDD. Please see the instructor outside of class to make any arrangements involving special accommodations. It is the student’s responsibility to declare any disabilities. After declaration, preferably at the beginning of each semester, the student needs to contact individual instructors to determine any reasonable accommodations that may be required.

**ACADEMIC HONESTY**
Graduate students are held to the highest standard of academic honesty. **Plagiarism is any assignment will earn a grade of 0.** The best way to avoid plagiarism, or the appearance thereof, is to reference all quotations or paraphrased material in accordance with APA 6th edition. **Material that is not cited should represent the student’s own work. This includes the Appraisal Table.**

**MIDWESTERN STATE UNIVERSITY STUDENT HONOR CREED**
“As an MSU Student, I pledge not to lie, cheat, steal, or help anyone else to do so.”

As students at MSU, we recognize that any great society must be composed of empowered, responsible citizens. We also recognize universities play an important role in helping mold these responsible citizens. We believe students themselves play an important part in developing responsible citizenship by maintaining a community where integrity and honorable character are the norm, not the exception.

Thus, we, the Students of Midwestern State University, resolve to uphold the honor of the University by affirming our commitment to complete academic honesty. We resolve not only to be honest but also to hold our peers accountable for complete honesty in all university matters.

We consider it dishonest to ask for, give, or receive help in examinations or quizzes, to use any unauthorized material in examinations, or to present, as one’s own work, work or ideas which are not entirely one’s own. We recognize that any instructor has the right to expect that all student work is honest, original work. We accept and acknowledge that responsibility for lying, cheating, stealing, plagiarism, and other forms of academic dishonesty fundamentally rests within each individual student.

We expect of ourselves academic integrity, personal professionalism, and ethical character. We appreciate steps taken by University officials to protect the honor of the University against any who would disgrace the MSU student body by violating the spirit of this creed.

*Written and adopted by the 2002-2003 MSU Student Senate*
Rubric for Assignments on the Discussion Board for Asynchronous Discussions

DQ are assignments in which you post your own idea/work and others critique it and make suggestions.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Unacceptable</th>
<th>Acceptable</th>
<th>Good</th>
<th>Excellent</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>0 Points</td>
<td>3 Points</td>
<td>5 Points</td>
<td>6 Points</td>
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<tr>
<td>Content Contribution</td>
<td>Does not post own assignment</td>
<td>Posts own work but does not critique or make suggestions regarding the work of others.</td>
<td>Posts information own work and gives superficial feedback to classmates.</td>
<td>Posts factually correct, reflective and substantive assignment and critiques and provides useful information to classmates.</td>
</tr>
<tr>
<td>References &amp; Support</td>
<td>Includes no references or supporting experience.</td>
<td>Uses personal experience, but no references to readings or research.</td>
<td>Incorporates some references from literature and personal experience.</td>
<td>Uses references to literature, readings, or personal experience to support comments.</td>
</tr>
<tr>
<td>Clarity &amp; Mechanics</td>
<td>Posts long, unorganized or rude content that may contain multiple errors or may be inappropriate.</td>
<td>Communicates in friendly, courteous and helpful manner with some errors in clarity or mechanics.</td>
<td>Post work and contributes valuable information with minor clarity or mechanics errors.</td>
<td>Contributes with clear, concise comments formatted in an easy to read style that is free of grammatical or spelling errors.</td>
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Evidenced Based Practice Final Paper

Ideas for Selection of an Evidence-Based Intervention for Practice

1. **Describe a Clinical Problem** that you see or have seen in your practice. It can be any patient care problem or issue that is of interest to you in your current practice, or for your future role as an administrator, nurse practitioner, or educator. A way to identify an area of interest may be to ask yourself or colleagues questions such as: Is there a better way of doing something? Would another intervention be more effective and improve patient outcomes? Give some data (at least one rate, ratio or cost) from your agency or from the health care literature that supports the fact that this is a patient care problem. Share your final PICO question you have developed.

2. **Review recent research** and practice literature and select an **intervention** that might address this patient care issue. The intervention may be in the form of a new policy, protocol, algorithm or
procedure that would change patient care. What evidence-based intervention exists to improve current care in terms of patient, provider, or health care agency outcomes? Try to identify something for which you really want an answer. You might also get ideas from Research for Practice, an ongoing section in AJN, or research articles from nursing specialty journals.

3. Review a variety of evidence-based websites such as those in your textbook and on our course Web link site.

4. Summarize what is known and not known about the problem area selected.

5. Appraise the quality of the existing research on the problem/intervention. This is done through your appraisal table and through your discussion of the strengths and weaknesses of available research.

6. Identify, revise, or develop a policy, protocol, algorithm or procedure to be used in your practice site.

7. Provide a copy of the policy, protocol, algorithm, or procedure with its references.

8. Provide a reference list for your paper.

Grade Sheet and Guidelines for Evidence-Based Practice Paper

10 I. Introduction to the Evidence-Based Practice Project: Identify the problem in practice and the intervention to be used to address the problem. Use references to substantiate claims made in your introduction.

20 II. Review of relevant sources. Summary/Synthesis of Current Research Knowledge (what is known and not known). Summary must be documented. Summary provides the knowledge base or evidence for making a change in practice.

(15 points) A. What is known?

(5 points) B. What is not known?

50 III. Appraisal of relevant research-Use your textbook and the AJN Article 5 (in the media library of the WEBCT) course site to guide you in explaining why you believe the research on your EBP topic is strong or weak. Include an appraisal table with at least 10 articles concerning your EBP topic.

10 IV. Protocol, Algorithm, or Standardized Guideline for Evidence-Based Project

A. Provide a copy of the documented protocol, algorithm, or standardized guideline.

B. Discuss the protocol, algorithm, or standardized guideline you might use in your later EBP project. Indicate if you will develop the protocol or algorithm; revise it from an agency document; use a document that was previously published; or use a national standardized guideline found in the literature or on the WEB. If it is based on existing document, include a copy of this document. Briefly identify any revisions you anticipate making to the existing document.
10 V. Reference Lists: APA Format

Limit the paper to 10 pages (including references). Use font size 12, one inch margins, and double spacing. Add your appraisal table at the end of your paper. It will not count in your maximum 10 pages.

You do not need a title page or table of contents but you do need subject headings as described in your APA manual. Include a header with your name on each page.

Appendix A, Appendix B and Appendix C is posted on Blackboard