Introduction to Nursing Scholarship
NUR 491 (2 Credits)
Spring 2012: Monday, 12:40pm – 2:30pm
Room E111 East Fee Hall

COURSE DESCRIPTION:
This section of NUR 491 aims to prepare students to become consumers of research who critically evaluate and base their nursing care on evidence. This course will expand students’ knowledge by providing an introduction to the research methodologies essential to providing evidence-based nursing care. Students will be expected to continue to refine their competencies in later courses as they utilize research findings in specific clinical applications.

Additional Course Description: This 2 credit course will provide students with the opportunity to understand the importance and relevancy of nursing research. In addition, the course will provide an introduction to key concepts in research, basic design, methods, and procedures for conducting research.

COURSE OBJECTIVES:
Upon completion of this course, students will be able to--
1. Develop an appreciation for the importance of nursing research.
2. Describe the basic steps of the research process utilizing the appropriate terminology.
4. Evaluate validity, reliability, and quality of resources related to research, including web-based and published materials.
5. Use critical appraisal skills to evaluate research findings in nursing and related fields with respect to the problem, methods and findings.

PREREQUISITES: Honors college student, undergraduate student, or nursing preference.

FOUNDATIONAL DOCUMENT FOR PROFESSIONAL STANDARDS & GUIDELINES:

FACULTY:
Sandra L. Spoelstra, PhD, MSN, RN; Assistant Professor
Office: 417A West Fee Hall, East Lansing, MI 48824
Phone: (517) 353-8681 Fax: (517) 355-5002
Email: Sandra.Spoelstra@hc.msu.edu
Office Hours: Tuesday’s 11a-12n and 2-3p. Times will also be arranged to accommodate students.

INSTRUCTION:
Methodology: This course will utilize group discussions, didactic interaction, audio-visual materials, quizzes, and written examinations as well as a didactic experience with a researcher on MSU campus. This course uses a system called A New Global Environment for Learning (ANGEL). All presentation content, readings, and course activities, such as the discussion or assignments, will be outlined weekly.

REQUIRED TEXTBOOKS:

*Textbooks may be purchased online at: [http://www.spartanbook.com/](http://www.spartanbook.com/) Enter semester, year, and course and section number.

LIBRARY RESOURCES:
2. Proxy server: To access MSU library resources from an off-campus site you must set up a proxy server. Directions to set up a proxy server are at: [http://techbase.msu.edu/viewpathfinder.asp?id=2507](http://techbase.msu.edu/viewpathfinder.asp?id=2507)
WRITING RESOURCES:
1. American Psychological Association (APA) format is required in the College of Nursing courses. Please refer to the most recent edition of the APA Publication Manual for guidelines and examples.
2. MSU Writing Center online is located at: http://writing.msu.edu/
One excellent link for step-by-step assistance to college level writing is the Online Writing Lab at Purdue (University of Indiana) found at: http://owl.english.purdue.edu/

EVALUATION:
The final course grade will be based on performance on the following activities:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Completion of Human Subjects certificate/HIPAA Training</td>
<td>10%</td>
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<tr>
<td>Completion of Annotated Bibliography</td>
<td>10%</td>
</tr>
<tr>
<td>Quizzes 1-3</td>
<td>15%</td>
</tr>
<tr>
<td>Completion of a Critique of a Research Article</td>
<td>20%</td>
</tr>
<tr>
<td>Participation with a Researcher (10-hours)</td>
<td>25%</td>
</tr>
<tr>
<td>Development of a Poster and Presentation of Poster in Class</td>
<td>20%</td>
</tr>
</tbody>
</table>

GRAND TOTAL: 100%

Honors option credit is also available: A student must complete additional 10-hours (for a total of 20-hours) of Participation with a Researcher to obtain Honors credit; notify faculty in advance; and include objectives for honors credit work to be performed on the Research Experience form.

Course Grading Scale:
The standard College of Nursing grading scale will be utilized.

<table>
<thead>
<tr>
<th>%</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>100-94 %</td>
<td>4.0</td>
</tr>
<tr>
<td>93-89%</td>
<td>3.5</td>
</tr>
<tr>
<td>88-84%</td>
<td>3.0</td>
</tr>
<tr>
<td>83-79%</td>
<td>2.5</td>
</tr>
<tr>
<td>78-75%</td>
<td>2.0</td>
</tr>
<tr>
<td>74-70%</td>
<td>1.5</td>
</tr>
<tr>
<td>69-65%</td>
<td>1.0</td>
</tr>
<tr>
<td>&lt;64%</td>
<td>0.0</td>
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</tbody>
</table>

“Final Course Grades will not be rounded”

COURSE POLICIES:
A. Attendance is required for all classes and on research experience with faculty researcher, unless prior arrangements have been made with course faculty. Classes are the entire time scheduled. Any unexcused absence may result in a decrease in the final course grade.
B. Human Subject Tutorial and Health Insurance Privacy Act Tutorial. These are online self-learning modules. Instructions on how to complete these modules are available in ANGEL. The Tutorial must be completed by 12 midnight on date listed on course calendar.
C. Completion of Annotated Bibliography: a 2-page paper, with a separate cover and references (limit of 5-per paper) in APA format. Requirements for the paper on listed in the Annotated Bibliography scoring rubric. The paper is DUE at 12 midnight on date listed on course calendar.
D. Critique of Research Article: a 5-page paper, with a separate cover and references (limit of 5-per paper) in APA format. Requirements for the paper on listed in the Critique of Research Article scoring rubric. The paper is DUE at 12 midnight on date listed on course calendar.
E. Quizzes Three quizzes will be given in class in ANGEL. Each quiz will worth 5 points that can go towards a final grade.
F. Practical experience in a research study. Students will be placed with a research faculty at MSU and be assigned by that faculty member to complete various aspects of research assistant duties. A list of objectives for the experience will be posted
in the drop box in ANGEL; and a reflective journal will be written after each encounter during experience in the Drop Box in ANGEL, reporting on all activities accomplished for the past week and hours spent with the faculty member.

G. **At the end of the semester, a Poster** will be completed summarizing the research project the student worked on during the course of their practicum experience. The poster will be presented in the last class session.

H. **Class participation: a seminar style discussion** will occur during each class and it is expected that students will have read the required readings and participate in discussion every day; and to use teamwork when completing in-class projects.

I. **Communication:** faculty can be contacted most directly by e-mail or via office phone (see page one). Send all electronic communication to faculty through ANGEL. If necessary, appointments may be made individually with faculty to discuss specific concerns. Questions regarding specific content are to be directed to faculty. Information, assignments and announcements will be posted electronically on the MSU Angel site.

J. **Student Faculty Relationship:** Any concerns or issues that arise should be discussed with faculty as soon as possible. They can be reached via e-mail or phone listed on first page of syllabus. It is expected that a professional, courteous, positive demeanor will be exhibited to peers, faculty and College of Nursing staff with each encounter. It is expected that you will be on time to class. If for some reason you have to be late or leave early, the course chair should be notified and plans will be made so you will not disturb the entire class. **Talking, reading the newspaper, cell phone use, and sleeping are unacceptable, and you will asked to leave the room.** Ipods, earphones of any type, recording devices and laptops are **NOT permitted in class.** Cell phones are to be turned off. Faculty is open to feedback, ideas, and concerns. For in-depth discussions, scheduled meeting is suggested. See contact information for email access.

J. **Refer to MSU Spartan Life Handbook and College of Nursing BSN Handbook for policies regarding:***
1. Academic Dishonesty
2. Taping and communication devices
3. Weather
4. Protection of property/computers
5. Protection of Scholarship and grades
6. SIRS
7. Dress code
8. Disabled Student

**UNIVERSTY AND COLLEGE OF NURSING POLICIES:**

The College of Nursing expects that students will demonstrate professional behavior in all situations. Specific expectations for clinical and other professional venues can be found in the appropriate handbook. You are responsible for reviewing and acting in accordance with the policies and procedures found in the following sources, including the following topics: Professionalism, Academic Integrity, Accommodations for Students with Disabilities, Disruptive Behavior, Attendance, Compliance, and Progression.

- CON Student handbook [http://nursing.msu.edu/handbooks.asp](http://nursing.msu.edu/handbooks.asp)
- Information for Current Students—including Rights, Responsibilities and Regulations for Students [http://www.msu.edu/current/index.html](http://www.msu.edu/current/index.html)
- Academic Programs [http://www.reg.msu.edu/UCC/AcademicPrograms.asp](http://www.reg.msu.edu/UCC/AcademicPrograms.asp)

**ACADEMIC INTEGRITY:**

Academic Honesty: Article 2.3.3 of the Academic Freedom Report states: “The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards.” In addition, the College of Nursing adheres to the policies on academic honesty specified in General Student Regulation 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Web site www.msu.edu.)

Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the www.allmsu.com Web site to complete any course work in this course. Students who violate MSU rules may receive a penalty grade, including but not limited to a failing grade on the assignment or in the course.

**Please read each part of the following site to fully understand your responsibilities and the position of the University regarding: cheating, plagiarism, MSU regulations, ordinances and policies regarding academic honesty and integrity**

Academic integrity links [http://www.msu.edu/unit/ombud/honestylinks.html](http://www.msu.edu/unit/ombud/honestylinks.html)

Academic dishonesty in any form will not be tolerated in the College of Nursing. Any student involved in academic dishonesty will be reported to the Office of Academic Affairs and the Office of Student Services in the College of Nursing and a grade of 0.0 may be issued for the course.
Lectures, quizzes and examinations must remain the property of the College of Nursing and must not be copied from the Internet for use with others. Any quiz or exam should not be printed. Printing an exam or quiz will be considered academic dishonesty. According to university policy, consequences for academic dishonesty may include failure of the course, expulsion from the major, or expulsion from the university. You are advised to complete and submit your own work. The exams are NOT group projects and must not be shared with other students in any way.

Online discussions and other course activities are confidential and should not be shared or discussed with others who are not enrolled in the class. The course provides an opportunity for each course participant to express his/her ideas and all are expected to do so. All ideas need to be respected in discussions and exercises. Any “group projects” (that are required) still require individual work as a minimal expectation, and individual work will be graded. For further information you can access any of the following sites: International Studies and Programs http://www.msu.edu/international/index.html

Disruptive Behavior: Article 2.3.5 of the Academic Freedom Report (AFR) for students at Michigan State University states: "The student’s behavior in the classroom shall be conducive to the teaching and learning process for all concerned." Article 2.3.10 of the AFR states that "The student has a right to scholarly relationships with faculty based on mutual trust and civility." General Student Regulation 5.02 states: “No student shall . . . interfere with the functions and services of the University (for example, but not limited to, classes . . .) such that the function or service is obstructed or disrupted. Students whose conduct adversely affects the learning environment in this classroom may be subject to disciplinary action through the Student Faculty Judiciary process.

Attendance: Students whose names do not appear on the official class list for this course may not attend this class. Students who fail to attend the first four class sessions or class by the fifth day of the semester, whichever occurs first, may be dropped from the course. See the Ombudsman’s web site for a discussion of student observance of major religious holidays, student-athlete participation in athletic competition, student participation in university-approved field trips, medical excuses and a dean's drop for students who fail to attend class sessions at the beginning of the semester.

College of Nursing Policies: Professional Development Guidelines are found in the CON MSN Student Handbook at the CON website. Students are responsible for the information found in the CON MSN Student Handbook.

Participation in a Research Practicum – this provides an opportunity for a substantial “hands on” immersion in the research process. It is required that this practicum be conducted within a faculty member at MSU who has a research project. With the guidance of the faculty in this course, the student will identify a researcher in which the student can develop their research assistant skills, and obtain the experience of participating as a research team member. The successful Research Practicum experience will provide the student with a meaningful immersion experience. The expected learning includes growth in the student’s skills in both the content and process elements of the research experience. Appropriate IRB and HIPAA approval must be obtained prior to the start of the practicum. A copy must be submitted to the drop box in this course.

Key Process Elements of the Research Experience
1. Faculty in this course will assist each student with obtaining a Research Practicum placement with a faculty member at MSU.
2. The student will contact the faculty member and obtain email confirmation of the placement and provide it to the faculty in this course.
3. The student will meet with the research faculty member and develop 3—4 learning objectives that will be tailored to and inclusive of project expectations of your research faculty member, and provide a copy to both the faculty in this course and the research faculty. The student can obtain guidance on development of objectives from faculty in this course.
4. Situations Requiring Immediate Contact by Preceptor to Faculty:
   a. Accident/injury involving client or student.
   b. Unsuccessful resolution of conflict between preceptor and student.
5. A weekly reflective journal will be kept and submitted each Friday by 5pm, in the Drop Box in ANGEL, reporting on activities accomplished for the past week and hours spent with the faculty member.
6. At the end of the semester, a poster of activities will be submitted as the final document for the course, summarizing participation in a research project.
7. A student-faculty-meeting, with input from the research faculty, will occur at the end of the experience and will allow for an opportunity for discussion regarding the student’s level of accomplishment of work prior to assigning the final grade for the practicum experience. Feedback will be provided to the student related to performance during the practicum.
**Course Calendar** (Materials that correspond to this course calendar are located under the Lesson tab in ANGEL).

<table>
<thead>
<tr>
<th>Date</th>
<th>Content</th>
<th>Reading Assignments</th>
<th>In-Class Projects (p) Graded Assignments (a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/9</td>
<td>Review of syllabus &amp; student expectations. Course introduction: Discovering Practice Research &amp; What is a Research Assistant? Ethics in Research, Human Subject Training, &amp; Misconduct -Voluntary Participation in Research -Recruitment &amp; Retention Instruction for completion of tutorials.</td>
<td>S&amp;W Ch. 1, 2 S&amp;W Ch.24 Online Tutorials Reading in ANGEL.</td>
<td>ANGEL orientation (p) Selection of research experience. (p) Human Subject/HIPAA Tutorials (a) Certificate DUE 1/16/2011 12n</td>
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<tr>
<td>1/16</td>
<td>MARTIN LUTHER KING DAY—NO CLASS</td>
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<td>1/23</td>
<td>Library Resources: Search Engines, Literature Search, &amp; End Note FIELD TRIP TO MSU MAIN LIBRARY Guest: Schroeder -What is an Annotated Bibliography in ANGEL</td>
<td>S&amp;W Ch.22</td>
<td>Select key words &amp; manuscripts for Annotated Bibliography; &amp; article for critique (p)</td>
</tr>
<tr>
<td>1/30 &amp; 2/6</td>
<td>Week 1: Laughter Yoga: An Intervention, PROMIS data collection and Focus Group. Week 2: Data analysis, interpretation, results, &amp; implications.</td>
<td>Laughter Yoga articles in ANGEL.</td>
<td>Annotated Bibliography (a) DUE 1/30/2011 12n Participate in intervention in class (p)</td>
</tr>
<tr>
<td>2/13</td>
<td>Levels of Evidence &amp; Critiquing Research Writing scholarly: using APA format.</td>
<td>Oncology Nursing Society Levels of Evidence in ANGEL</td>
<td></td>
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<tr>
<td>2/20</td>
<td>Types of Research: Qualitative, Quantitative, &amp; Mixed Methods - Manuscripts in ANGEL Research Methods: Research Question, Purpose, Aim, Hypothesis, Impact, &amp; Innovation</td>
<td>S&amp;W Ch. 3, 4, 5, 6, 7,8, 9, 10, 11, 12 S&amp;W Ch.23</td>
<td>Quiz 1: Levels of Evidence (a) Develop a research question (p)</td>
</tr>
<tr>
<td>2/27</td>
<td>Research Designs: Inclusion &amp; Exclusion Criteria, Sample &amp; Setting</td>
<td>S&amp;W Ch.19, 20, 21</td>
<td>Quiz 2: Types of Research (a)</td>
</tr>
<tr>
<td>3/5</td>
<td>SPRING BREAK</td>
<td></td>
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<tr>
<td>3/12</td>
<td>Measurement and Data Collection</td>
<td>S&amp;W Ch.13, 14, 15, 16, 17, 18</td>
<td>Quiz 3: Methods &amp; Design (a) Design research study (p)</td>
</tr>
<tr>
<td>3/19</td>
<td>Understanding Basis Statistical Analysis and Results</td>
<td>S&amp;W Appendix A, B, C</td>
<td>Analyze data (p) Develop Critique of Research Article (p) Draft DUE 3/26 12N</td>
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<tr>
<td>3/26</td>
<td>Team Science</td>
<td></td>
<td>Develop Critique of Research Article (p) Attend Poster Session.</td>
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<tr>
<td>4/2</td>
<td>National Institutes of Health. Practice and Policy Implications; Translation of Research into Practice and Dissemination of Research Finding</td>
<td>S &amp; W Chapter 26</td>
<td>Critique of Research Article (a) DUE 4/2/2011 12N Develop poster of research experience (p)</td>
</tr>
<tr>
<td>4/9</td>
<td>Graduate school application. Develop posters in class.</td>
<td></td>
<td>Develop poster of research experience (p)</td>
</tr>
<tr>
<td>4/16 and 4/23</td>
<td>Discussion of practicum experience and presentation of poster.</td>
<td></td>
<td>Poster (a) DUE DATE PRESENTED IN CLASS</td>
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</tbody>
</table>