Introduction to Nursing Scholarship  
NUR 491 Section 001 (2 Credits)  
Spring 2013: Wednesday, 12:40pm – 2:30pm  
Room C125 Life Sciences Building

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:  
The curriculum is guided by the following documents:


FACULTY:  
Kelly Brittain, PhD, RN; Assistant Professor  
Office: 1355 Bogue, Rm. C348, East Lansing, MI 48824  
Phone: (517) 432-8356  
Fax: (517) 355-5002  
Email: kelly.brittain@hc.msu.edu  
Office Hours: Times will also be arranged to accommodate student.
INSTRUCTION:
Methodology: This course will utilize group discussions, didactic interaction, audio-visual materials, quizzes, and written examinations as well as an interview with a researcher on the 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/ Enter semester, year, and course and section number.

LIBRARY RESOURCES:
1. Library Services: http://www.lib.msu.edu/services/ and MSU Library: http://www.lib.msu.edu/
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

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:

- Completion of Human Subjects certificate/HIPAA Training 10% total
- Completion of Annotated Bibliography 10% total (Scoring Rubric in ANGEL)
- Quizzes 1-3 15% total (5% each quiz)
- Completion of a Critique of a Research Article 20% total (Scoring Rubric in ANGEL)
- Completion of a Interview with a Researcher Scientist 20% (Scoring Rubric in ANGEL)
- Develop Poster and Present in Class 20% (Scoring Rubric in ANGEL)
- Wrappers-Weekly Posting of Lessons Learned 5% total (Required posting every week)

**GRAND TOTAL:** 100%
Course Grading Scale: The standard College of Nursing grading scale will be utilized.

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<th>%</th>
<th>GRADE</th>
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<tr>
<td>100-94%</td>
<td>4.0</td>
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<tr>
<td>93.99-89%</td>
<td>3.5</td>
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<tr>
<td>88.99-84%</td>
<td>3.0</td>
</tr>
<tr>
<td>83.99-79%</td>
<td>2.5</td>
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<tr>
<td>78.99-75%</td>
<td>2.0</td>
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<tr>
<td>74.99-70%</td>
<td>1.5</td>
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<tr>
<td>69.99-65%</td>
<td>1.0</td>
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| <65%     | 0.0    

“Final Course Grades will not be rounded”

*For specific information regarding grading related to student progression through the curriculum, please reference the “Progression through the Major Policies” section of the Baccalaureate Student Handbook.

COURSE POLICIES:

A. **Attendance** is required for all classes, 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 5-page paper, with a separate cover and references (limit of 5-per paper) in APA format. Requirements for the paper are 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 are 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. For students who miss quizzes, 1-point will be deducted for each day the exam is taken late.

F. **Interview with a Research Scientist.** Students will use the template and conduct an interview with a research scientist in the College of Nursing (or field of interest [with permission of faculty]). The assignment will be placed in the Drop Box in ANGEL.

G. **Poster and Poster Presentation.** At the end of the semester, a Poster will be completed summarizing the literature reviewed during the annotated bibliography. The poster will be presented in the last class session.

H. **Wrappers.** A discussion forum will be available for student to post lessons learned from weekly readings/presentations in class.

I. **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.

J. **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.

K. **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

**UNIVERISTY 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)
- MSU Spartan Life Student Handbook and Resource Guide  
- 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)
- Code of Teaching Responsibility and Student Assessments and Final Grades:  
  [http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514](http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514)
- Integrity of Scholarship and Grades:  
  [http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534](http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534)

**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](http://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 from 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

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 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.
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<thead>
<tr>
<th>Class Dates</th>
<th>Weekly Course Content</th>
<th>Reading Assignments</th>
<th>In-Class Projects (p)</th>
<th>Graded Assignments (a)</th>
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</thead>
</table>
| **Week 1 1/9** | **OVERVIEW OF NURSING RESEARCH AND IT’S ROLE IN EVIDENCE BASED-PRACTICE**  
Review syllabus & student expectations.  
- Research in an Evidence-Based Practice Environment  
- Human Subject & HIPAA Tutorials. | P & B Ch. 1  
Online Tutorials. | ANGEL orientation (p)  
Selection of research scientist to interview and conduct literature search (p)  
Post in discussion forum (a) |
| **Week 2 1/16** | **OVERVIEW OF NURSING RESEARCH AND IT’S ROLE IN EVIDENCE BASED-PRACTICE**  
- Evidence-based Nursing: Fundamentals  
- Key Concepts in Qualitative and Quantitative Research  
- Reading and Critiquing Research Reports  
- Ethics in Research | P & B Ch. 2, 3, 4, 5 | Human Subject/HIPAA Tutorial (a) Certificate **DUE 1/16 at 12n**  
Writing an Annotated Bibliography (p)  
Post in discussion forum (a) |
| **Week 3 1/23** | **FINDING AND CRITIQUING EVIDENCE**  
*FIELD TRIP MSU MAIN LIBRARY: Heidi Schroeder*  
- Literature Reviews: Finding and Critiquing Evidence | | Selection of key words & articles for writing an Annotated Bibliography (p)  
Post in discussion forum (a) |
| **Week 4 1/30** | **PRELIMINARY STEPS IN APPRAISAL OF EVIDENCE**  
- Research Problems, Research Questions, and Hypotheses; Literature Reviews, Levels of Evidence & Critiquing; Research, Writing scholarly: using APA format. Theoretical and Conceptual Frameworks | P & B Ch. 6, 7, 8 | Annotated Bibliography (a) **DUE 1/30 at 12n**  
Selection of an article for the Research Critique Paper (p)  
Post in discussion forum (a) |
| **Week 5 2/6** | **DESIGN FOR NURSING RESEARCH**  
- Quantitative Research Design  
- Qualitative Designs and Approaches  
- Specific Types of Research  
- Sampling Plans | P & B Ch. 9, 10, 11, 12 | Quiz 1: Levels of Evidence (a)  
Writing a critique of a research article (p)  
Designing research study (p)  
Post in discussion forum (a) |
| **Week 6 2/13** | **DATA COLLECTION**  
- Data Collection Methods  
- Measurement and Data Quality | P & B Ch. 13, 14 | Quiz 2: Types of Research (a)  
Conducting data collection (p)  
*Title of article for Research Critique Paper **DUE 2/13 at 12n***  
Post in discussion forum (a) |
| **Week 7 2/20** | **DATA ANALYSIS AND INTERPRETATION**  
- Statistical Analysis of Quantitative Data  
- Rigor and Interpretation in Quantitative Research  
- Trustworthiness and Integrity in Qualitative Research | P & B Ch. 15, 16, 17 | Interview with Scientist (a) **DUE 2/20 at 12n**  
Quiz 3: Methods & Design (a)  
Developing a Critique of Research Article (p)  
Post in discussion forum (a) |
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<tr>
<th>Week 8 2/27</th>
<th><strong>EVALUATING RESEARCH</strong></th>
<th>P &amp; B 26</th>
<th>Assistance with article and begin draft of Critique of Research Article</th>
</tr>
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<tr>
<td>Week 10 3/13</td>
<td><strong>A SIMULATED RESEARCH EXPERIENCE</strong>&lt;br&gt;Week 1: What it means to be a subject in a study: Laughter Yoga</td>
<td>Articles in ANGEL</td>
<td>Draft of Critique of Research Article (p) <strong>DUE 2/27 at 12n</strong>&lt;br&gt;Post in discussion forum (a)</td>
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<td>Week 11 3/20</td>
<td><strong>A SIMULATED RESEARCH EXPERIENCE</strong>&lt;br&gt;Week 2: Data analysis, interpretation, results, &amp; implications.</td>
<td>P &amp; B Ch. 19</td>
<td>Critique of Research Article (a) <strong>DUE 3/13 at 12n</strong>&lt;br&gt;Post in discussion forum (a)</td>
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<td>Week 12 3/27</td>
<td><strong>BUILDING AN EVIDENCE-BASE FOR PRACTICE</strong>&lt;br&gt;-Systematic Reviews and Meta-Analysis &amp; Disseminating -Practice and Policy Implications</td>
<td>Articles in ANGEL</td>
<td>Develop abstract of literature review for poster (p)&lt;br&gt;Post in discussion forum (a)</td>
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<td>Week 13 4/3</td>
<td>Class is online to finalize poster and classroom presentation.</td>
<td><strong>Draft of Poster DUE 4/3 at 12n</strong>&lt;br&gt;Post in discussion forum (a)</td>
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<td>Week 14&amp;15 4/10 &amp; 4/17</td>
<td><strong>POSTER PRESENTATIONS</strong></td>
<td><strong>Poster (a) DUE 4/10 at 12n</strong>&lt;br&gt;Post in discussion forum (a)</td>
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<td>Week 16 4/24</td>
<td><strong>GRADUATE EDUCATION</strong>&lt;br&gt;The types of advanced degrees and doctoral education.</td>
<td>Articles in ANGEL</td>
<td>Post in discussion forum (a)</td>
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