



**Department of Nursing and Public Health**  
**NURS 333: Evidence-Based Nursing Practice**  
**SPRING 2016**

**Robbi Alexander, RN, PhD, PMHCNS-BC**

Email: alexanderr@moravian.edu

Office: Zinzendorf 203

Office Hours: By appointment

Class: Thursday 5:00 – 8:00pm

Hall of Science: Room 202

Moravian Campus

**Catalog/Course Description:**

This course provides an introduction to evidence-based clinical practice, with a particular emphasis on clinical nursing inquiry. Students are introduced to methods that guide inquiry, including how to search for information on best practices, discern levels of evidence that guide practice, and critically appraise research and formulate novel questions that may lead to additional research-based projects. Theory 3 hours weekly, 25 clinical hours over the term.

**Prerequisite:** RN licensure in PA, admission to the nursing major, MATH 107 (Statistics), NURS 324 (Cornerstone of Professional Nursing). 1 unit/4 cr.

**Objectives:**

After completing requirements for this course, the student will:

1. Evaluate nursing's role in creating and maintaining an evidence-based practice environment.
2. Analyze research from nursing and other disciplines as a basis for practice.
3. Distinguish levels of evidence underlying clinical inquiry.
4. Apply research principles in an evidence-based practice project.
5. Demonstrate knowledge of legal and ethical issues related to research in health care.

**Course Credits/Units/Hours:**

Course Units: 1

Weekly Class Hours: 3 hours

Clinical Hours: 25 hours

**Required Textbook: You must purchase to access online resources!**

Fain, J. (2013). *Reading, understanding, and applying nursing research* (4<sup>th</sup> ed.). Philadelphia: FA Davis Co.

Other readings as assigned on syllabus, Blackboard and class.

**Recommended textbooks:**

American Psychological Association. (2010). *Publication Manual of the American Psychological Association* (6th ed.). Washington, D.C.: American Psychological Association.

McEwen, M., & Wills, E. (2014). *Theoretical basis for nursing* (4<sup>th</sup> ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

Polit, D. F., & Beck C. T. (2012). *Nursing research: Generating and assessing evidence for nursing practice* (9<sup>th</sup> ed.). Lippincott: Philadelphia.

Powers, B., Knapp, T. (2011). *Dictionary of nursing theory and research* (4<sup>th</sup> ed.). New York: Springer Publishing.

### **Required Supplements:**

Fain (2013): **Students must purchase their own copy of the book** to access all of its resources, including the online Interactive Workbook student activities and exercises which will be accessed regularly to guide class discussions and activities.

Use of a computer with Internet access and the ability to perform electronic database searches is required.

### **Department of Nursing and Public Health Ethos Statement:**

Grounded in local and global partnerships, nursing at Moravian blends compassionate art with scientific inquiry to achieve a transformative education deeply rooted in a rich liberal arts tradition. At its core the program seeks to develop students who are acutely aware of the world in which they live and their responsibilities of living in a global, inter-dependent community. The program cultivates a professional nurse graduate who values lifelong learning and service to others within a framework of social justice.

### **Learning Service Accommodations:**

Students who wish to request accommodations in this class for a disability should contact the Academic Support Center, located in the lower level of Monocacy Hall, or by calling [610-861-1401](tel:610-861-1401). Accommodations cannot be provided until authorization is received from the Academic Support Center.

### **Course Requirements:**

Directives for graded course requirements are available online at the course Blackboard site. The URL for Blackboard is <http://blackboard.moravian.edu>

### **Graded Assignments and Requirements:**

- |  |     |
|--|-----|
| • Chapter Review Question Assignments and Class participation: weekly            | 10% |
| • Nurse Theorist Presentation: due 2/11  | 15% |
| • Quizzes (4)  | 10% |
| • Written Research Critiques   |     |
| ○ Qualitative study: due 3/10  | 15% |
| ○ Quantitative study: due 3/31   | 15% |
| • Project: Evidence based research paper and Formal class presentation: due 4/14 | 25% |
| • CITI Training Modules: due before 4/28   | 10% |

---

<b>Total:</b>	<b>100%</b>
---------------	-------------

### **Class Attendance/Participation:**

Students are expected to attend all class sessions and be prepared to participate in class discussion. Rubric for assessing class participation/contribution to class discussions:

<b>Always Contributes-1</b>	<b>Sometimes Contributes-2</b>	<b>Rarely Contributes-3</b>
<b>100 points</b>	<b>80 points</b>	<b>60 points</b>

**Ten points will be deducted from the class participation grade for each class missed (regardless of reason); there are no exceptions.**

### **Grading Policy:**

Assignments are expected on or before their due date. **Five points per day will be deducted from a graded assignment or project grade for each day late up to 5 days. After that time assignments/projects will not be accepted and will earn a grade of 0.** All written assignments, including citations and references, must adhere to APA format. Students are expected to use refereed journals as primary sources in all assignments. All assignments require nursing/professional refereed journal articles from sources less than 5 years old. Students having any questions about grades must raise questions within two (2) weeks of the grade posting to Blackboard. No grades will be considered after this time.

The grading scale is as follows:

#### **Grading Criteria:**

A	=	93-100	C	=	73-76.99
A-	=	90-92.99	C-	=	70-72.99
B+	=	87-89.99	D+	=	67-69.99
B	=	83-86.99	D	=	63-66.99
B-	=	80-82.99	D-	=	60-62.99
C+	=	77-79.99	F	<	59.99

### **Academic Integrity:**

Evidence of plagiarism or academic dishonesty will be handled according to the college policy on academic honesty. This policy is described in the Moravian College Student Handbook. Plagiarism is the intentional use of another's words or ideas as your own. This can range from using another individual's direct words or changing the words without appropriate citation. It also includes obtaining a paper from someone else, the Internet, or a professional writing service.

**Please be aware that the anti-plagiarism feature on Blackboard is turned on for all written assignments.** I am using this feature in a collaborative spirit. My goal is not to catch people plagiarizing, but rather to eliminate any suspicion of plagiarism that could get in the way of our working well together! You can submit your paper up to four times for the originality score. Your first submission will come back to you (after being checked by the system) for your review. You will get an originality score- see section below (copied/modified from SafeAssign site). Address any problems that have been found and resubmit.

- **Originality scores below 15 percent:** These papers typically include some quotes and a few common phrases or blocks of text that match other documents. These papers typically do not require further analysis, as there is no evidence of plagiarism.

- **Scores between 15 percent and 30 percent:** These papers include extensive quoted or paraphrased material or they include plagiarism. Review these papers to determine if the matching content is properly attributed. Higher scores might also indicate that a student is/you are writing the paper by stringing together direct quotes: **Do not do this** (even if you had planned to include necessary/appropriate citations). Rather, try to paraphrase the material/say things in your own words to demonstrate that you understand the material.
- **Scores over 30 percent:** There is a very high probability that text in these papers was copied from other sources. These papers include quoted or paraphrased text in excess and need to be reviewed for plagiarism. If the paper was written by stringing a large amount of directly quoted material, appropriate citations or not, you will lose points from your final grade.

### **Inclement Weather:**

College policy will be followed relative to inclement weather. Please check the AMOS website (<https://amos.moravian.edu/ics>) for any announcements relative to weather and the cancellation of class. Should class be cancelled, an announcement will also be posted on Blackboard.

### **Additional Information:**

- Students are expected to adhere to American Psychological Association (APA) style for all course assignments. Points will be awarded (or deducted) accordingly.
- The student is required to complete an electronic course evaluation upon completion of the course. This is an anonymous system required by the college in all courses. Failure to submit the course evaluation will result in the instructor withholding the student's final course grade to the registrar's office. Therefore an incomplete (I) will be awarded until the evaluation is complete.
- The instructor will respond to all emails and telephone calls regarding this course in a timely manner. A timely response by the instructor can be expected within 72 hours upon receipt of the written communication.

### **Required Readings (as assigned):**

Beck, C. (2004). Birth trauma: In the eye of the beholder. *Nursing Research* 53, 28- 35.

Beck, C. (2009). Critiquing qualitative research. *AORN journal*, 90, 543-554.

Coughlan, M., Cronin, P., & Ryan, F. (2007). Step-by-step guide to critiquing research. Part 1: Quantitative research. *British Journal of Nursing*, 16, 658-663.

**There will be other readings assigned throughout the course: TBD**

**COPYRIGHT RESTRICTION:** Title 17, United States Code, governs the making of photocopies or other reproductions of copyrighted material. Under certain fair use circumstances specified in the law, libraries and educational institutions are allowed to furnish copies to students. The copies may not be used for any purpose other than private study, scholarship or research. Electronic copies should not be shared with unauthorized users. If a user fails to comply with fair use restrictions, he/she may be liable for copyright infringement.

**\*This syllabus is subject to change as course progresses**

### CLASS SESSIONS: TOPICAL OUTLINE

Date	Topic	Assignment for class
<b>Week #1</b> <b>Jan. 21</b>	<b>Introduction to Nursing 333</b> <b>Introduction to Nursing Research</b> <b>Fain: Chapter 1</b> <ul style="list-style-type: none"> <li>• Research</li> <li>• Scientific Method</li> <li>• Nursing Research</li> </ul> <b>Nursing Theory and Application</b> <b>Grand Theories:</b> <ul style="list-style-type: none"> <li>• Abdellah: Pt. Centered Approaches to Nursing</li> <li>• Erickson, Tomlin &amp; Swain: Modeling and Role-Modeling</li> <li>• Orem: Self Care Deficit Nursing Theory</li> <li>• Johnson: Behavioral System Model</li> <li>• Levine: Conservation Model</li> <li>• Neuman: Neuman Systems Model or Health as Expanding Consciousness</li> <li>• Parse's Human Becoming Paradigm</li> <li>• Rogers: Theory of Unitary Human Beings</li> <li>• Roy: Roy Adaptation Model</li> <li>• Watson: Theory of Human Caring or Caring Science as Sacred Science</li> </ul> <b>High-Middle Range Theories:</b> <ul style="list-style-type: none"> <li>• AACN: The Synergy Model for Patient Care</li> <li>• Benner: Model of Skill Acquisition in Nursing</li> <li>• Leininger: Cultural Care Diversity and Universality Theory</li> <li>• Meleis: Transitions Theory</li> <li>• Pender: Health Promotion Model</li> </ul> <b>Introduction to Nursing Theory</b>	<b>For Jan. 21:</b> *Read Fain: Ch 1 *Answer multiple choice questions for Ch 1- print results to bring to class *Be prepared to answer emailed Review Question in Class * Review Course Syllabus, Calendar, and Assignment Directives *** <b>In class:</b> *Students will choose Nurse Theorist, in this evening's class, to research next week in library (to present for class discussion on due <b>February 11</b> ) *** *Review directive for nursing theorist presentation assignment
<b>Week #2</b> <b>Jan. 28</b>	<ul style="list-style-type: none"> <li>• <b>What is a PICO question?</b> (Final Project PICO question due 2/18!)</li> <li>• <b>Navigating the Web to Find Resources and Evidence</b></li> </ul> <b>Meet in Reeves Library</b> at Computers at	<b>For Jan. 28:</b> *Read Fain p. 51 and 53- get an idea about PICO model (how to formulate a clinical question) *Read Fain: Ch 5

	<p><b>5:00 pm</b> for work session with librarian Kim Demyan. Use this opportunity to find sources for your nurse theorist paper:</p> <ul style="list-style-type: none"> <li>• One journal article by the theorist (Theory)</li> <li>• One journal article that utilizes the theory as its theoretical framework (Application)</li> </ul> <p>We will return to the classroom to:</p> <ul style="list-style-type: none"> <li>• review our “finds” and to</li> <li>• review PICO question and begin to think about research question for evidence-based project</li> </ul>	<p>*Answer and print multiple choice questions for Ch 5</p>
<p><b>Week #3 Feb. 4</b></p>	<p><b>5-7PM Nursing Career Social HUB- Prosser Aud. And Air Products Room</b></p> <p><b>Fain: Chapter 3 Understanding Evidence Based Practice</b></p> <ul style="list-style-type: none"> <li>• What is it?</li> <li>• Formulating Clinical Questions</li> <li>• Tracking Down Best Evidence</li> <li>• Appraising evidence critically</li> </ul> <p><b>Fain: Chapter 4 Selecting and Defining a Problem</b></p> <ul style="list-style-type: none"> <li>• The Problem Statement</li> <li>• The Purpose Statement</li> <li>• Review of the Literature</li> <li>• Sources of Information</li> </ul>	<p><b>For Feb. 4:</b> *Read Fain: Ch 3 and 4 *Answer and print multiple choice questions for Ch 3 and 4</p> <p>***</p> <p><b>Quiz #1:</b> Ch 1 &amp; 5: Research, Theory, PICO</p> <p>***</p> <p>Nursing theory project due <b>Feb. 11<sup>th</sup></b> for presentation and submission</p> <p>***</p> <p>Start posting your ideas for your PICO question on the PICO WIKI</p>
<p><b>Week #4 Feb. 11</b></p>	<p><b>Nursing Theory/Application Presentations</b></p>	<p><b>For Feb. 11:</b> *Theorist presentations due</p>
<p><b>Week #5 Feb. 18</b></p>	<p><b>Fain: Chapter 6 Formulating Hypotheses and Research Questions</b></p> <ul style="list-style-type: none"> <li>• Hypotheses</li> <li>• Research Questions</li> <li>• Variables</li> </ul> <p><b>Fain: Chapter 7 Selecting the Sample and Setting</b></p> <ul style="list-style-type: none"> <li>• Sampling</li> </ul>	<p><b>For Feb. 18:</b> *Read: Fain: Ch 6 and 7 *Answer and print multiple choice questions for Ch 6 and 7</p> <p>***</p> <p>Select and Share the Policy or Clinical Question under Review (Final Project)</p> <p>***</p>

	<b>Share: Policy Under Review or Clinical Question to be Investigated</b>  <b>What is an Annotated Bibliography?</b>	Start working on CITI modules (due before April 28): they are time consuming and can be done in sections-see directive
<b>Week #6 Feb. 25</b>	<b>Fain: Chapter 12 Selecting a Qualitative Research Design</b> <ul style="list-style-type: none"> <li>• Phenomenology</li> <li>• Ethnography</li> <li>• Grounded Theory</li> </ul>	<b>For Feb. 25:</b> *Read: Fain: Ch 12 *Answer and print multiple choice questions for Ch 12 *** <b>Quiz #2</b> Ch. 3, 4, 6, 7
<b>Week #7 Mar. 3</b>	<b>Fain: Chapter 12</b> <ul style="list-style-type: none"> <li>• Group Work: Critique a qualitative study (article to be assigned in class)</li> </ul>	<b>For Mar. 3:</b> *Review/be prepared to use Beck's guide to qualitative critique
<b>Mar. 10</b>	<b>Spring Break</b>	
<b>Week #8 Mar. 17</b>	<b>Fain: Chapter 8 Principles of Measurement</b> <ul style="list-style-type: none"> <li>• Measurement</li> <li>• Reliability</li> <li>• Validity</li> <li>• Psychometrics</li> </ul> <b>Fain: Chapter 11 Selecting a Quantitative Research Design</b> <ul style="list-style-type: none"> <li>• Quant. vs. Qual.</li> <li>• Experimental Design</li> <li>• RCTs</li> </ul> <b>Fain: Chapter 14 Critiquing Research Reports</b> <b>Guest Presenter: Dr. Karen Groller</b>	<b>For Mar. 17:</b> *Read: Fain Chap 8, 11, 14 *Answer and print multiple choice questions for Ch 8,11,14 *** <b>Qualitative Critique Assignment Due</b> *** <b>Think ahead:</b> Annotated bibliography due 3/31
<b>Week #9 Mar. 24</b>	<b>Fain: Chapter 9 Data Collection Methods</b> <ul style="list-style-type: none"> <li>• Surveys and Questionnaires</li> <li>• Scales and Instruments</li> </ul> <b>Fain: Chapter 10 Analyzing Data</b> <b>Guest Presenter: Joyce Brill, PhD(c), RN</b>	<b>For Mar. 24:</b> * Read: Fain Chap 9, 10 *Answer and print multiple choice questions for Ch 9 and 10 * Be prepared to use Coughlan's guide to critique quantitative research

	<ul style="list-style-type: none"> <li>Group Work: Critique a quantitative study (article to be assigned in class)</li> </ul>	
<b>Week #10 Mar. 31</b>	<b>Clinical Trials</b> <b>Guest Presenter: Eileen Taff, RN, MSN</b>	<b>For Mar. 31:</b> <b>*Quant. Critique assignment due</b> *** <b>Annotated Bibliography Due</b>
<b>Week #11 Apr. 7</b>	<b>Fain: Chapter 2</b> <b>Understanding the Research Process and Ethical Issues in Nursing Research</b> <ul style="list-style-type: none"> <li>Types of Research</li> <li>Historical Ethical Issues</li> <li>Human Subjects Protection</li> <li>Institutional Review Boards</li> </ul> <b>Fain: Chapter 13</b> <b>Interpreting and Reporting Research Findings</b> <ul style="list-style-type: none"> <li>Interpretation</li> <li>Reporting</li> <li>Dissemination</li> </ul>	<b>For April 7:</b> *Read Fain: Ch 2, 13 *Answer and print multiple choice questions for Ch 2, 13 *** <b>Quiz #3</b> Ch 8-12 & 14
<b>Week #12 Apr. 14</b>	<b>Student EBP presentations</b>	<b>For April 14:</b> <b>*All final projects (paper and presentation) are due today</b> regardless of presentation date
<b>Week # 13 Apr. 21</b>	<b>Student EBP presentations</b>	<b>For April 21:</b> Would each student please develop a question for Quiz #4 (Multiple Choice; Essay; Fill-in blank; your choice)?
<b>Week # 14 Apr. 28</b>	<b>Course Evaluation/Wrap up</b>  <b>*Please Complete Online Course Evaluations before May 4</b>	*Last day to turn in CITI Training Certificate *** <b>Quiz #4</b> ***

\*\*\*This calendar is subject to change