# NORTHWEST FLORIDA STATE COLLEGE

**NUR 4165 Evidence-Based Nursing Practice: Incorporating Nursing Research Fall  2016**

- Professor: Dr. Beth Norton, RN, CNE
- Office Hours: Mondays 8:00-10:00am and by appointment
- Phone: (850) 729-6473
- Email: nortonb@nwfsc.edu
  I respond to email and phone messages at least every 24 - 48 hours on working days.  If I have not responded in 48 hours (working days), I may not have received your message. Please contact me again.  I want to help you, so please contact me with your questions!
- Final Exam: None
- Web Page: http://www.nwfsc.edu/faculty/profiles/norton-beth/
- Reference Number: NUR3080
- Campus/Room: Online
- Class Days: None
- Class Times: None
- Electronic Resource:   Desire to Learn (D2L)

## Course Description

This course is designed to provide the RN to BSN student with an introduction to the research process and evidence based practice. The purpose of the course is to stimulate interest in nursing research; to enable students to understand and judge the usefulness of scientific findings; and to develop an understanding of how clinical proficiency is combined with experimental proof to produce nursing practices based upon evidence. An on-line teaching method is used with optional workshops available to students.

## Course Prerequisite

STA 2023 or equivalent

## Course Materials

LoBiondo-Wood, G., & Haber, J. (2014). *Nursing research: Methods and critical appraisal for evidence-based practice* (8th edition.). St. Louis, MO: Elsevier.

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

**Note:**   This syllabus is the **official** course document.  If there are discrepancies between the online course material and the syllabus, students should refer to the syllabus for clarification and please notify instructor of the discrepancy (via Discussion Board Q & A).

| BSN Program Student Learning Outcomes | Student Learning Objectives NUR 4165 EBP | Learning Activity |
|---|---|---|
| Demonstrate accountability, responsibility, authority, ethical practice, and professionalism as defined by the American Nurses Association Code of Ethics. | 1. Define evidence-based practice. 3. Discuss the rights of research participants and identify studies that violated the rights of human subjects, and identify how the awareness of social justice has led to increased promotion of human rights in research and emphasized the need for ethical research to expand access to care to vulnerable and medically underserved populations. 11. Develop professional goals that incorporate the use of evidence-based practice. | Identify what an ethical breach in research is. (Quiz)<br><br>Quizzes |
| Apply the combined knowledge derived from the natural sciences, behavioral sciences, the humanities, and nursing theory to the promotion of health, reduction of health risks and prevention of disease through expanded use of the nursing process. | 4. List the steps and components of the research process. 5. Describe how a conceptual (theoretical) framework and research findings can be used as the foundation for evidence-based nursing practice. | Reading Assignments |
| Facilitate patient, family, and community preferences, values, and needs in the coordination and integration of care. | 1. Define evidence-based practice. 2. Identify the best source of evidence for nursing practice 3. Locate, read, interpret, and evaluate published research results for applicability. | Reading Assignments Identification of basis for nursing protocol Evidence-Based Practice Presentation Research Critiques |

| BSN Program Student Learning Outcomes | Student Learning Objectives NUR 4165 EBP | Learning Activity |
|---|---|---|
| Demonstrate a commitment to lifelong learning to promote personal and professional development. | 10. Locate, read, interpret, and evaluate published research results for applicability.<br>11. Develop professional goals that incorporate the use of evidence-based practice. | Research Critiques<br>Development of PICO(T) question<br>Evidenced Based Practice Presentation |
| Use higher order critical thinking skills (e.g. assessment, analysis, synthesis) effectively by integrating best current evidence and clinical expertise to determine their relevance and application to the delivery of optimal nursing care. | 6. Compare and contrast qualitative and quantitative research designs.<br>7. Describe types of data collection methods used in nursing research.<br>8. Describe basic statistical methods used to for description and prediction in nursing research. | Reading Assignments<br>Research Critiques |
| Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care. | 9. Design an effective presentation tool to disseminate nursing knowledge. | Online EBP Presentation |
| Use information and technology to communicate, manage knowledge, mitigate error, and support decision making. | 2. Identify the best source of evidence for nursing practice.<br>10. Locate, read, interpret, and evaluate published research results for applicability. | Use of multiple data bases to find applicable evidence.<br>Use of on-line learning programs<br>Successful navigation of internet and web-based resources |

## Grading Procedures

| Points | Numerical Grade | Letter Grade |
|---|---|---|
| 925 – 1000 | 93 - 100 | A |
| 825 – 924 | 83-92 | B |
| 745 – 825 | 75-82 | C |
| 695 – 744 | 70-74 | *D     No BSN Credit |
| 699 and below | 69 and below | *F     No BSN Credit |

*Constitutes a failure in this Course.

Satisfactory completion of the course is based on satisfactory achievement of course student learning outcomes. By the end of the semester, a student must achieve a combined grade of at least 75% on all course assignments & quizzes.

All assignments must be completed in order to pass the course. Satisfactory completion of the course is based on achievement of the course objectives, grade earned by the student, and completion of all assignments.

All assignments not submitted on the due date will have five percent deducted from the assignment grade for each day the assignment is late, unless prior arrangements are made with the faculty member. We understand that emergencies arise and we can work with you but you must communicate any anticipated delays in a timely manner.

## Incomplete Grades

At the discretion of the instructor, an incomplete grade ("I") may be awarded when the student is unable to finish the required work because of unforeseen extenuating circumstances such as illness or TDY assignment. To receive an "I" grade, the student must have successfully completed a significant portion of the required coursework and be able to finish the remaining work without attending class. An "I" grade will automatically convert to a grade of "F" if the student does not complete the remainder of the coursework by the established deadline. All assignments must be submitted in the course by December 12, 2016 in order to receive a grade for the Fall 2016 Term.

Progression to the next term may be affected due to course pre-requisite requirements.

## Online Conduct

Students are responsible for adherence to all college policies and procedures, including those related to academic freedom, cheating, classroom conduct, computer/network/e-mail use and other items included in the *Northwest Florida State College Catalog and Student Handbook.* Students should be familiar with the rights and responsibilities detailed in the current *Northwest Florida State College Catalog and Student Handbook.* Plagiarism, cheating, or any other form of academic dishonesty is a serious breach of student responsibilities and may trigger consequences which range from a failing grade to formal disciplinary action.

A student determined to be cheating on an assignment with be given a "0" (zero). This incident will be documented & reported to the Program Director. An incident may result in additional consequences which may jeopardize a student's academic standing in the BSN Program.

*The Publication Manual of the American Psychological Association* (2010) has an informative section on plagiarism, which I encourage students to read (pages 15-16).

Other Policies: See the NWFSC Catalog and Student Handbook for further policies on plagiarism, disability, & other matters of interest & importance.

It is within the nursing student role to assume responsibility for learning. As a self-directed student, each individual will have completed reading assignments prior to posting online discussions and will be prepared to discuss the topic. Reading requirements are listed on the syllabus.

## Logging into Class - Class Attendance

All students are encouraged to login to their course at least every 48-72 hours. Doing so allows students to view important course material and make progress toward course completion. Students who do not login for seven days and turn in one assignment late may be required to meet personally with the instructor or program director for written counseling to problem solve and help the student to master the course content. The written counseling form will be filed with a student's program advisor. Should the same problem continue after the written counseling, students may earn a failing grade in the course.

Students who stop attending class or are not able to pass the course due to attendance expectations stated in the syllabus may receive a failing grade of "FA." An "FA" grade is a failing grade in GPA calculations and may impact the receipt of federal aid in subsequent courses. Students traveling for college approved activities will not be penalized academically but will be responsible for missed work.

## Assignments

| Assignment | Points |
|---|---|
| Orientation activity | 40<br>must score 100% (unlimited attempts available)<br>Quiz 1 available after 100% score earned |
| Quizzes 1 through 7 – All quizzes must be submitted in order to pass the course.  Quizzes may be submitted any time prior to the due date. | 30 points each – all quizzes must be submitted in order to earn a passing course grade<br>*Make-up quizzes scheduled with professor at 50% credit* |
| Nursing Article Circle Reviews<br>Quality Improvement Nursing Article<br>Qualitative Nursing Research Article<br>Quantitative Nursing Research Article | <br>100<br>100<br>100 |
| PICO(T) or PEO Discussion Board | 50 |
| Nursing Research Article Critique | 150 |
| Evidence-based Practice Presentation Discussion Board | 250 |
| **Total Points** | **1000** |

## Make-up Work

Students with unexpected emergency situations should be proactive in arranging with their instructors to make up work. Students are encouraged to contact their instructor immediately if they anticipate any situation that could prevent them from submitting an assignment on time so that the student and instructor can agree upon a deadline for submitting late assignments.

*All assignments not submitted on the due date will have 5% deducted from the assignment grade for each day the assignment is late, unless arrangements are made with the faculty member prior to due date.*

*Make-up quizzes scheduled with professor at 50% credit.*

## Writing Format

*The Publication Manual of the American Psychological Association* (2010) is the manual to be used for all writing assignments.

## Communication with Faculty

 E-mail communication is through RaiderNet. Students are responsible for checking college RaiderNet email regularly.

## Turnitin

Northwest Florida State College subscribes to Turnitin, an online plagiarism detection and prevention service. By enrolling in this class, you are consenting to upload your papers to Turnitin, where they will be checked for plagiarism. Papers submitted to *Turnitin* are saved as source documents within the *Turnitin* database solely for the purpose of detecting plagiarism in other papers.

## Minimum Technical Skills and Specialized Technology Utilized

This course is totally online.  All instructional content and interaction takes place over the World Wide Web (www).  In addition to baseline word processing skills and sending/receiving email with attachments, students will be expected to search the internet and upload/download files.  In addition, students will need one or more of the following plug-ins.  They are free to download. Go ahead and update your computer hardware so you will be able to utilize all course content.

- Acrobat Reader DC   https://get.adobe.com/reader
- Adobe Flash Player  https://get.adobe.com/flashplayer
- PowerPoint Viewer  https://www.microsoft.com/enus/download/details.aspx?id=13
- Windows Media Player  (included with Windows)
- QuickTime Player  (no longer supported by Apple)
- https://support.apple.com/downloads/quicktime

Technical Meltdown Prevention: Students are encouraged to plan ahead and know that at some point the computer &/or on-line access the student has grown to depend upon will not work.  This will not be considered a worthy reason to prevent the timely completion of work.  Work ahead to prevent hysteria!  Students are encouraged to back-up all course work from all BSN courses as a student's prior online courses are not available once the term ends.

## Videos

This course employs lecture capture software to provide you with videos of your instructor's lectures/PowerPoints/notes/demonstrations, etc., and you are required to watch these.  These videos can be viewed with a standard Internet connection. If your home Internet connection is not adequate, please remember that any NWFSC open lab is available to you. You need only take your own headphones with you.

## Cell Phone/Electronic Devices

Students are to turn all personal communication devices to silent or vibrate when students are in clinical. Personal communication devices may be used only per the policy of the clinical agency.

## Course Outline and Schedule

*All assignments not submitted on the due date will have 5% deducted from the assignment grade for each day the assignment is late, unless arrangements are made with the faculty member prior to due date.*

| Week | Required Reading and Movie Viewing | Graded Assignments and Quizzes | Due Date |
|---|---|---|---|
| 1-2 | Watch online Orientation Video and Read Student Handbook | Orientation Quiz- students have unlimited attempts available for this quiz only and must earn 100% for Quiz 1 to open | August 26, 2016 |
| | | Getting to Know You Discussion Board | August 26, 2016 |
| | Chapters 1, 2, 21 | Quiz 1 (all quizzes cover assigned reading) Search the literature Discussion Posts | Sept 2, 2016 Sept 9, 2016 |
| 3-4 | Chapters 3, 4, 13 | Quiz 2 Quality Improvement Nursing Article Circle Review | Sept 16, 2016 Sept 23, 2016 |
| 5-6 | Chapters 5, 6, 7 | Quiz 3 Qualitative Nursing Article Circle Review | Sept 30, 2016 Oct 7, 2016 |
| 7-8 | Chapters 8, 9, 10 | Quiz 4 Quantitative Nursing Article Circle Review | Oct 14, 2016 Oct 21, 2016 |
| 9-10 | Chapters 12, 14, 15 | Quiz 5 PICO PEO Question | Oct 28, 2016 Nov 7, 2016 |
| 11-12 | Chapters 11, 16, 17 | Quiz 6 **Qualitative or Quantitative Research** Article Critique | Nov 14, 2016 Nov 21, 2016 |
| 13-14 | Chapters 18, 19, 20 | Discussion Board Online Presentation: Evidence-based Practice Quiz 7 | Dec 2, 2016 Dec 9, 2016 |
| 15-16 | | No assignments accepted for Fall Term after this date. | Dec 12, 2016 |

| PICO(T) or PEO Discussion Board Assignment<br><br>**Complete the worksheet found in the Content section of this course and submit to the course dropbox by the due date.** | **50** |
|---|---|
| • Problem or concern is clearly described, workplace characteristics are identified<br>• Describe the categories of persons involved with the current situation (patients, families, and/or staff) and how they are involved.<br>• Write a PICO(T) question related to your area of concern—identify the specific Patient/Population of Interest, Intervention, Comparison, and Outcome. Include (T) Time if the amount of time for the intervention to work is important to the question. _The question must be nurse centric._<br>• grammar and spelling must be correct<br>Turn in your PICO(T) question to the course Discussion Board and Dropbox. Students may modify their PICO(T) based on further research, *with permission from the professor,* after this date. | |

| **Rubric: Evidence-based Practice Presentation – A Critical Analysis of the Evidence** | **Points** |
|---|---|
| **Read Me First!**<br><br>This is a formal presentation of the *state of the science* related to a topic of interest or concern to each student in the field of nursing. Develop a poster presentation (PowerPoint) and present the information to an audience of classmates, nursing professors, and other professionals using PowerPoint with Voiceover or similar software. After developing a PICO(T) question, conduct a comprehensive review of the topic and develop a presentation. The presentation will include the following components: | |
| **Components of the Analysis** | |
| **PICO or PEO Question**<br><br>• One slide that establishes the PICO or PEO question that guided your literature review and subsequent analysis.<br>• Discuss how the PICO(T) or PEO question was identified. | 10 |

| Rubric: Evidence-based Practice Presentation – A Critical Analysis of the Evidence | Points |
|---|---|
| **Search and Sources (Table)**<br><br>• Examples to include: systematic reviews, meta-analyses, clinical guidelines, and research studies related to your PICO(T) or PEO question.<br>• Summarize the search history in a **<u>table</u>** on one – four slides using the following headings: Database, Keywords, Limits, and Number of articles found on each search. See table example in course content.<br>• Search should include literature reviews from **four** different and appropriate data bases.<br>• Data bases pertinent to the problem area may include: CINAHL, MEDLINE, EBSCO, Gale, Cochrane, or others.<br>• Select the three articles that you feel best advance the state of nursing knowledge related to your PICO or PEO question<br>• Discuss how and why the three best articles were chosen either in the YouTube video or at the poster presentation. | 50 |
| **Critical Appraisal of Evidence**<br><br>Narrow down the search to three best evidence sources that fit the PICO or PEO question. Provide a **short** critique of each of the three articles. Do not summarize the study, but rather *<u>critique</u>* it as a source of evidence. Students have already learned how to critique an article and here they should shorten the article critique by discussing only the portions of the critique that are pertinent to the PICO or PEO question.<br><br>Discuss the results of your critique in your presentation voiceover. | 80 |
| **Introduction to Clinical Practice** Include how you will apply this information in your clinical practice, include any anticipated barriers.<br><br>Discuss the application of the evidence to one's nursing practice either in the presentation. | 50 |
| **Citation of References**<br><br>All articles discussed in the poster are listed in a separate reference slide | 15 |
| **Presentation**<br>Content:<br>• All components of the analysis described and presented<br>• PowerPoint slides used effectively to showcase major findings in bulleted format<br>• Tables are formatted using APA guidelines<br>• Visuals, if used are appropriate and add to the content of the poster<br>• References are and cited using APA guidelines<br><br>Delivery:<br>• Presentation is professional in appearance<br>• Presenter does not "read" the presentation slides to the audience (think-'tell the story')<br>• Presenter should give their presentation in about 10 minutes | 30<br><br><br><br><br><br>15 |
| **Total Points** | **250** |

## College Closures

Sept 5, 2016        Labor Day
Nov. 11, 2106      Veteran's Day

## Emergency College Closure

In the event of unusual or extraordinary circumstances, the schedule, requirements, and procedures in this course are subject to change. If the college closes for inclement weather or other emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college re-opens. If changes to graded activities are required, students will not be penalized as a result of the adjustments, but will be responsible for meeting revised deadlines and course requirements.

## Student Rights, Responsibilities, and Academic Integrity

Students are responsible for adherence to all college policies and procedures, including those related to academic freedom, cheating, classroom conduct, computer/network/e-mail use and other items included in the *Northwest Florida State College Catalog and Student Handbook.* Students should be familiar with the rights and responsibilities detailed in the current *Northwest Florida State College Catalog and Student Handbook.* Plagiarism, cheating, or any other form of academic dishonesty is a serious breach of student responsibilities and may trigger consequences which range from a failing grade to formal disciplinary action.

# Resources

The Academic Success Center (ASC) is located in the Activities Center on the Niceville Campus.  The ASC provides free learning support services such as tutoring, ESOL, and writing assistance for all NWFSC students.  Individual and group tutoring is available in a wide range of subjects on a walk-in-basis and by appointment.  For more information, call the Academic Success Center at (850) 729-5389 or visit our website at Free Tutoring.

Reading to Learn (R2L) is a project of Northwest Florida State College designed to support students' learning through direct instruction of reading strategies.  Students may access R2L at our website: Reading to Learn.

Math Labs are located in the Math Building L, Room L-131, on the Niceville Campus and in Building 7, Room 702 on the Fort Walton Beach Campus and Room 131 at the Crestview Center.  The math labs are open to all students and provide free walk-in tutoring for all mathematics courses.  For lab hours, students may call the Math Department at (850) 729-5377 or visit our website at Math Lab.

Smarthinking is an online, real-time tutoring offered free to students, who may access this service via RaiderNet.

## Open Computer Labs

There are numerous open computer labs throughout the Northwest Florida State College campuses. Students may access our website for lab locations and hours:  Computer lab location and hours

## Testing Center

Testing Centers administer college admissions tests, placement tests, proctored exams, ACT/SAT, GED. CLEP, and DSST (formerly known as DANTES).  General information concerning tests, hours

Testing Center hours may be accessed on the Testing Center website at Testing Center.   Makeup exams may be taken in the Testing Center, depending upon instructor policies on late work.

## Library, Online Reference Materials, and Resources

The library is a comprehensive, learning resource center providing information in print, digital, and multimedia formats to support the educational objectives of the College. In addition to in-house materials, online services and resources can be accessed through the LRC website. Library hours are posted each semester at the building entrance and on the LRC website at Learning Resource Center

## Assistance for Military and Veterans

Northwest Florida State College supports our military and veterans students.  You may contact NWFSC Eglin AFB Education Services Building at 850-200-4180 or NWFSC Hurlburt Center Educational Services Building at 850-200-4190 or visit our website:  Support Our Military

## Students with Disabilities

Northwest Florida State College supports an inclusive learning environment for all students.  If you have disabilities for which accommodations may be appropriate to assist you in this class, please contact the Office of Disability Support Services on the Niceville Campus, or call 850-729-6079 (TDD 1-800-955-8771 or Voice 1-800-955-8770.