

Instructor(s): Denise Cauble, PhD, RN, CWOCN Office Number: PKH 639 Office Telephone Number: 817-272-2776 (do not leave message) Email Address: dcauble@uta.edu Faculty Profile: http://www.uta.edu/profiles/denise-cauble

Office Hours: By appointment.

#### Time and Place of Class Meetings: Pickard Hall, Room 204 Section 001 meets on Tuesdays 1:00pm - 4:50pm Section 002 meets on Tuesdays 8:00am - 11:50pm

**Description of Course Content:** Basic concepts, processes and applications of nursing research. Research and the role of the nurse in decision making and clinical practice. 3 Credit hours, 45 Clock hours.

### **Student Learning Outcomes:**

- 1. Explain the interrelationships among theory, practice, and research
- 2. Demonstrate an understanding of the basic elements of the research process and models for applying evidence to clinical practice.
- 3. Advocate for the protection of human subjects in the conduct of research.
- 4. Evaluate the credibility of sources of information, including but not limited to databases and internet resources.
- 5. Participate in the process of retrieval, appraisal, and synthesis of evidence in collaboration with other members of the healthcare team to improve patient outcomes.
- 6. Integrate evidence, clinical judgment, interprofessional perspectives, and patient preferences in planning, implementing, and evaluating outcomes of care.
- 7. Collaborate in the collection, documentation, and dissemination of evidence.
- 8. Acquire an understanding of the process of how nursing and related healthcare quality and safety measure are developed, validated, and endorsed.
- 9. Describe mechanisms to resolve identified practice discrepancies between identified standards and practice that may adversely impact patient outcomes.

### **Required Textbooks and Other Course Materials:**

Grove, S., Gray, J., & Burns, N. (2015). Understanding nursing research text w/ study guide package (6<sup>th</sup> ed).Saunders. ISBN 9-781455-770601

Houghton, P.M., Houghton, T.J. (2010). *APA: The easy way!* (2nd Ed.). Michigan: Baker College. ISBN: 978-0-923568-96-2

### **Recommended Books:**

LoBiondo-Wood, G., Haber, J. (20). *Nursing research: Methods and critical appraisal for evidence-based practice* (7<sup>th</sup> ed.). Mosby. ISBN 978-0-3230-5743-1

American Psychological Association. (2010). *Publication manual of the American Psychological Association (6th Ed.).* Washington, DC: Author. ISBN: 978-1-4338-0561-5

#### **Course Policies:**

### **EVALUATION METHODS:**

Research introduces concepts that require both abstract and concrete thinking. Successful completion of the course requires reading the textbook, using the reading worksheets, using the workbook as needed, and participating in all course activities and assignments. Active learning is encouraged in Nursing Research. Online assignments, quizzes, and module reading worksheets associated with the book are available for students to actively learn.

### **Description of Major Assignments and Examinations:**

1) **Quantitative Research Article Critique:** The student will learn to comprehensively read and critique a quantitative research article that is selected by the course instructor. This is a two-part assignment that is based on information from the textbook and is due in Module 2 and Module 3.

2) **Evidence Based Practice Project:** The student will apply the steps of an evidencebased practice project by formulating a PICO question, doing a brief literature review related to their PICO question, and sharing what they have found with their peers. This is a two-part assignment that includes writing up their PICO question and findings in an APA-formatted paper and dissemination of their findings to their classmates. It is due in Module 4 and 5.

3) **Quizzes:** The student will complete an online quiz in Module 3 and Module 5 over the material that is covered in the module reading worksheets and related assignments. Please see the blueprints located in Blackboard for more details about each quiz.

**Attendance Policy:** At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, I will take attendance for each class day, and class attendance is required.

### Grading:

Grading Assignment	Percentage of Final Grade
Module One Assignments	9%
Research Crossword Puzzle 2%; Qualitative Matching 2%; Human Subjects	
Protection Training 3%; Plagiarism Tutorial Activity 2%	
Module Two Assignments	6%
APA Activity 3%; Searching for a Quantitative Nursing Research Article 3%	
Research Article Critique, Part One	15%
Research Article Critique, Part Two	15%
Quiz #1	10%
Evidence Based Practice Project: Finding the Evidence	20%
Evidence Based Practice Project: Sharing the Evidence	10%
(In Discussion Board Module 5)	
Quiz #2	10%
Reflection Assignment	5%

In order to successfully complete an undergraduate nursing course at UTA, the following minimum criteria must be met:

70%weightedaverageonproctoredexams.(N/A)70%weighted average on major written assignments. (article critiques and evidence basedpractice project (four assignments)).

90% on math test (if applicable). (N/A)

90% on practicum skills check offs (if applicable). (N/A)

In undergraduate nursing courses, all grade calculations will be carried out to two decimal places and there will be no rounding of final grades. Letter grades for tests, written assignments and end-of-course grades, etc. shall be:

А	90.00	100.00
В	80.00	89.99
С	70.00	79.99
D	60.00	69.99

The existing rule of C or better to progress remains in effect; therefore, to successfully complete a nursing course, students shall have a course grade of 70.00 or greater.

**Grade Grievances:** Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog. <u>http://catalog.uta.edu/academicregulations/grades/#undergraduatetext</u>

#### Additional General Comments about the Course:

**Assignment Format:** All assignments will be submitted within Blackboard in Microsoft Word format unless instructed otherwise by faculty. Papers not submitted to Blackboard will not be graded. **Papers are not re-graded.** 

**Communication:** Students are responsible for checking discussion board(s) and e-mail on a daily basis. All communications (email, DB, texts, etc.) for this course are expected to be professional in tone and content to peers and instructors. Any student that is not professional in communications with peers and instructors can be subject to counseling / disciplinary action. Blackboard is the only venue expected to be used for this course. No communications for this course are allowed on Facebook or any other social media.

**Late Work:** The instructor will impose penalties for late work. <u>Five points will be deducted from the final grade of the assignment for each day the work is late</u>. No work will be accepted after 4 days. Work is considered "late" if it is received after the scheduled due date and time. **Exception:** If you become ill, have an accident, or a family emergency occurs and you do not believe you can complete an assignment on time, you should phone or email the instructor immediately - BEFORE the due date and time. The instructor may postpone the deadline without penalty, depending on the circumstances. Documentation will be required.

#### Access to Blackboard:

If you have pre-registered for the course you should be able to access Blackboard approximately 1 week before school begins. You are encouraged to access the site and become familiar with the various resources.

#### **Computer Requirements:**

All computers on campus will have access to BLACKBOARD. If you choose to access Blackboard from home you must have a computer and a quality Internet provider such as DSL,

Cable, or Satellite (regular telephone is not adequate). Questions about adequate computer hardware should be directed to the UTA help desk at 817-272-2208 or <a href="http://www.helpdesk@uta.edu">www.helpdesk@uta.edu</a>. Your home computer's compatibility with BLACKBOARD is your responsibility. Neither the helpdesk nor your instructor is responsible for the functionality of your home computer's configuration. Please do not bring your technical problems to class. Your instructors are not available for technical support, please call or contact the helpdesk.

**Word of caution: Do not** rely on your employer's computer system to access Blackboard. Students have encountered various problems (such as dropping them in the middle of an on-line quiz) due to the special filters, fire walls, blocking of programs, and barriers they put on their systems. Papers have been distorted in format and various problems have been noted with quiz access with a MAC computer. You are also advised to **not take any on-line quizzes on a wireless system** as students have also been dropped and used up their time trying to reconnect. It is irrelevant that this has not happened to you in the past, it can happen at anytime! Mozilla Firefox or Chrome are the best interfaces for accessing Blackboard for quizzes and paper submissions.

### **Quiz Information:**

Quizzes will be given during class in Week 3 or 4 and Week 6 or 7 (check schedule). No make-up quizzes will be given without an approved excuse from the instructor. **Exception:** If you become ill, have an accident, or a family emergency occurs you should phone or email the instructor immediately - **BEFORE the due date and time**. Documentation will be required.

**Expectations for Out-Of-Class Study**: Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least **an additional 9-12 hours per week**, (or more) of their own time in course-related activities, including reading required materials, completing assignments, preparing for quizzes, etc. **Because content presented in this course is new, some students may need to spend up to 15 - 20 hours per week outside of the classroom for this course.** 

LIBRARY INFORMATION:	Peace Ossom Williamson Kaeli Vandertulip nursinglibrarians@uta.edu http://www.uta.edu/library Research information on nursing: http://libguides.uta.edu/nursing
UNDERGRADUATE SUPPORT STAFF:	Holly Woods, Administrative Assistant I, Senior II 660 Pickard Hall, (817) 272-4811 Email: hwoods@uta.edu
	Suzanne Kyle, Administrative Assistant I, JR I & SRI 661 Pickard Hall, (817) 272-0367 Email: skyle@uta.edu

### Student Code of Ethics:

The University of Texas at Arlington College of Nursing supports the Student Code of Ethics Policy. Students are responsible for knowing and complying with the Code. The Code can be found in the Student Handbook.

**Academic Integrity:** Students enrolled all UT Arlington courses are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a

tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. If any exams are administered in a non-proctored environment, I reserve the right, at any time, to require a student to take or re-take any or all exams in a proctored environment. If I deem this necessary, the student is responsible for making the proctoring arrangements, subject to my approval. This policy applies to any and all assignments required in this course.

Per UT System Regents' Rule 50101, §2.2, which states "Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." Suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Community Standards. Being found responsible for violating Regents' Rule 50101, §2.2 by the Office of Community standards will result in course failure. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

### A Note About Plagiarism:

This instructor takes plagiarism very seriously! Copying another student's paper or any portion of it is plagiarism. Additionally, copying a portion of published material (e.g., books or journals) without adequately documenting the source is plagiarism. If <u>five</u> or more words in sequence are taken from a source, those words must be placed in quotes and the source referenced with author's name, date of publication, and page number of publication. If the author's <u>ideas</u> are rephrased, by transposing words or expressing the same idea using different words, the idea must be attributed to the author by proper referencing, giving the author's name and date of publication. If a single author's ideas are discussed in more than one paragraph, the author must be referenced at the end of each paragraph. Authors whose words or ideas have been used in the preparation of a paper must be listed in the references cited at the end of thepaper.

Students will review the plagiarism module from the UT Arlington Central Library via <a href="http://library.uta.edu/tutorials/Plagiarism">http://library.uta.edu/tutorials/Plagiarism</a>

**Disability Accommodations:** UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including *The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA),* and *Section 504 of the Rehabilitation Act.* All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

<u>The Office for Students with Disabilities, (OSD)</u> <u>www.uta.edu/disability</u> or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at <u>www.uta.edu/disability</u>.

<u>Counseling and Psychological Services, (CAPS)</u> <u>www.uta.edu/caps/</u> or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

**Non-Discrimination Policy:** The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit <u>uta.edu/eos</u>.

**Title IX Policy:** The University of Texas at Arlington ("University") is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. *For information regarding Title IX, visit* www.uta.edu/titleIX or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or imhood@uta.edu.

**Student Support Services**: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include <u>tutoring</u>, <u>major-based</u> <u>learning centers</u>, developmental education, <u>advising and mentoring</u>, personal counseling, and <u>federally funded programs</u>. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to <u>resources@uta.edu</u>, or view the information at <u>http://www.uta.edu/universitycollege/resources/index.php</u>.

**The IDEAS Center (2<sup>nd</sup>** Floor of Central Library) offers **free** tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. To schedule an appointment with a peer tutor or mentor email <u>IDEAS@uta.edu</u> or call (817) 272-6593.

**The English Writing Center (411LIBR)**: The Writing Center Offers free tutoring in 20-, 40-, or 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Our hours are 9 am to 8 pm Mon.-Thurs., 9 am-3 pm Fri. and Noon-6 pm Sat. and Sun. Register and make appointments online at http://uta.mywconline.com. Classroom Visits, workshops, and specialized services for graduate students are also available. Please see <u>www.uta.edu/owl</u> for detailed information on all our programs and services.

The Library's 2<sup>nd</sup> floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library's hours of operation. http://library.uta.edu/academic-plaza

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising ©2016 UTA College of Nursing Page 6 Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing.

### The drop dates in Fall 2016 for N3321 Research is: First 7-week course - September 27, 2016 Second 7-week course - November 23, 2016

**Electronic Communication:** UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university- related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <a href="http://www.uta.edu/oit/cs/email/mavmail.php">http://www.uta.edu/oit/cs/email/mavmail.php</a>.

**Campus Carry:** Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit <a href="http://www.uta.edu/news/info/campus-carry/">http://www.uta.edu/news/info/campus-carry/</a>

**Student Feedback Survey:** At the end of each term, students enrolled in classes categorized as "lecture," "seminar," or "laboratory" shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <u>http://www.uta.edu/sfs</u>.

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

**Emergency Exit Procedures:** Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest stairwell. When exiting the building during an emergency, one should never take an elevator but should use the stairwells.

Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

# COLLEGE OF NURSING INFORMATION: UTA College of Nursing Policy

Effective for students entering the nursing program Fall 2009 (Jr I) and forward, the following policy applies:

Students within the program, enrolled in an upper division NURS course are permitted to drop the course one time. Upon attempting the course for the second time, the earned grade is retained. Students may drop no more than three upper division NURS courses during their undergraduate career. Elective and pre-nursing courses are exempt from thispolicy.

# **APA Format:**

*APA* style manual will be used by the UTACON with some specific requirements for the undergraduate courses. The sample title page & instructions, as well as a Manuscript Preparation document can be found in Blackboard Module 2 Assignments.

### **No Gift Policy:**

In accordance with Regents Rules and Regulations and the UTA Standards of Conduct, the College of Nursing has a "no gift" policy. A donation to the UTA College of Nursing Scholarship Fund would be an appropriate way to recognize a faculty member's contribution to your learning. For information regarding the Scholarship Fund, please contact the Dean's office.

# CODE OF PROFESSIONAL CONDUCT

Nursing students in the UTA CONHI are considered to be part of the nursing profession. As members of the profession, students are expected to commit to and maintain high ethical standards. Students are responsible and accountable for their own academic and professional behaviors and the resulting consequences.

Students will demonstrate self-discipline throughout all aspects of their nursing education, including meeting academic responsibilities and exhibiting professional conduct in the classroom and in the community, as outlined in the Texas Nurse Practice Act and Texas State Board of Nursing Policies.

It is each student's responsibility to promote scholastic honesty and professional ethics by actively participating with faculty in maintaining a quality academic environment. Students are expected to guard public safety by immediately reporting to faculty, any incident they observe or are aware of which would allow incompetent, unethical, or illegal practice by another individual. Having knowledge of and failing to report such behaviors constitutes a breach of both academic and professional responsibilities.

Refer to the Student Handbook for more information.

# CLASSROOM CONDUCT GUIDELINES:

The Faculty of the BSN Program believes that classroom teaching has two goals: the provision of content pertinent to the discipline of nursing and the socialization of students into the professional role. We are committed to providing the curriculum in an atmosphere conducive to student learning and in a manner that will prepare graduates to be successful in the health care workplace. Refer to the Student Handbook for more information.

# PROFESSIONAL CONDUCT ON BLACKBOARD AND SOCIAL MEDIA SITES:

The Blackboard Discussion Board is to be viewed as a professional forum for student discussions. Students are free to discuss academic matters and consult one another regarding academic resources. The tone of postings on the Blackboard Discussion Board is to remain professional in nature at all times. It is not appropriate to post statements of a personal or political nature, or statements criticizing classmates or faculty. Statements considered inappropriate will be deleted by course faculty and may result in not being able to participate in the Discussion Board which may affect a student's grade. At the instructor's discretion, further disciplinary action may be initiated.

Announcements from student organizations may be posted to the designated level discussion board (not associated with this course).

Students are to refrain from discussing this course, including clinical situations, written assignments, peers, coaches, or faculty on all social networking sites such as Facebook, Twitter, etc. Failure to comply with these expectations may result in further action by the instructor.

The Undergraduate BSN Student Handbook can be found by going to the following link: http://www.uta.edu/conhi/\_doc/unurs/BSN\_student\_handbook.pdf.

**Emergency Phone Numbers**: In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911.

# NURS 3321 Nursing Research Course Schedule ~ Fall 2016

Module One / Week One	
Content	Learning Activities and due dates
Course orientation Introduction to research Role of research in nursing Methodological approaches to research overview • Quantitative • Qualitative Ethical & legal issues • human rights • informed consent • IRB	Reading: Chapters 1, 2, 3, & 4. Use the Module Reading         Worksheets to help you take notes / learn the information as you read.         Read the article assigned by the instructor that will be used for the critique in this course.         Please have all readings completed prior to class each week.         Additional Activities:         Submit Attestation form by Thursday by 2355         Graded Activities:         Submit Module One Assignments Saturday by 2359
Module Two / Week Two	
Content	Learning Activities and due dates
<ul> <li>The Research Process</li> <li>Literature review</li> <li>Research problems &amp; purpose</li> </ul>	<b>Reading:</b> Chapters 5, 6, 7, & 8. Use the Module Reading Worksheets to help you take notes / learn the information as you read.
<ul> <li>Objectives, Questions, &amp; Hypotheses</li> <li>Study Variables</li> <li>Study Frameworks</li> <li>Quantitative research designs</li> </ul>	<b>Graded Activities:</b> Submit Module Two Assignments including RAC Part One Saturday by 2359
Module Three / Week Three	
ContentThe Research Process• Sampling• Measurement methods• Data Collection• Quantitative Data Analysis• Evaluation of Findings	Learning Activities         Reading: Chapter 9, 10, & 11, Use the Module Reading         Worksheets to help you take notes / learn the information         as you read.         Begin Module Three RAC Part Two         Graded Activities:         Take Quiz #1 in class. Time and Place TBD.
Module Four / Week Four Content	Loorning Activities
An overview of Evidence-based Practice (EBP) • PICO questions • The IOWA Model • Evidence-based guidelines • Magnet Status and EBP	Learning Activities         Reading: 1 & 13. Use the Module Reading Worksheets to help you take notes / learn the information as you read.         Have PICO question and nursing quantitative research article ready for review and approval in class.         Graded Activities:         Submit Module Three Assignments Saturday by 2359

Module Five / Week Five	
Content	Learning Activities
<ul> <li>Evidence-based practice <ul> <li>Barriers and benefits of EBP</li> <li>Assistance with implementing EBP</li> <li>Levels of research evidence</li> <li>Nursing specialty organizations and EBP</li> <li>Examining the evidence to guide practice.</li> <li>Sharing the EBP evidence.</li> </ul> </li> </ul>	<ul> <li>Reading: 13 and assigned journal articles in Module Five. Use the Module Reading Worksheets to help you take notes / learn the information as you read.</li> <li>Graded Activities</li> <li>Submit EBP Project: Finding the Evidence Saturday by 2359</li> </ul>
Week 6	
Content	Learning Activities
Review of course material, class activity.	Graded Activities: Submit EBP Project: Sharing the Evidence (on discussion board) Saturday by 2359
Week 7	
Content	Learning Activities
	Graded Activities: EBP Project: Sharing the Evidence (on discussion board) Two replies to peers TBD Reflection Assignment Tuesday by 2359 Take Quiz #2 in class, time and place TBD. Course Evaluation online

serves the educational needs of the students enrolled in this course" – Denise Cauble, PhD, RN, CWOCN

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