

Instructor Information

Instructor(s): Cindy Koomey, PhD, MSN, RN

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Office Hours: By appointment only. Contact coaches and instructor via email with questions and issues. We make every effort to respond within 24 hours. If you do not receive a response within that time, please re-send your original email to us again.

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* (6th ed). St. Louis, MO: Saunders.

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

Recommended Books

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 (RAC):** 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. Verbal reviews of the RAC are provided to students after the late submission date passes at the discretion of the instructors. Two attempts are allowed on each of the RAC assignments.
- 2) **Evidence Based Practice Project:** The student will apply the steps of an evidence-based 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 Modules 4 and 5. You will have one attempt to complete this assignment. *If you do not turn in an Evidence Based Practice Project: Finding the Evidence in Module Four you will receive a zero. In this case, please also note that you will also receive a zero for the Evidence Based Practice Project: Sharing the Evidence in Module Five.*

Please note: If you are repeating the course, you must submit a NEW quantitative nursing research article and a NEW Evidence Based Practice Project: Finding the Evidence and a NEW Evidence Based Practice Project: Sharing the Evidence. You must choose a new topic for the article and EBP Project. **You cannot use previously submitted work.**

- 3) **Knowledge Checks:** The student will complete an online timed multiple-choice assignment 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 knowledge check. Reviews of the knowledge checks are not provided by the instructors. You will have one attempt to complete this assignment. If you lose connection with the Knowledge Check in the middle of completing the assignment, re-enter the assignment as soon as possible. The timer for the knowledge check will continue to run when a connection loss occurs. Instructors cannot return lost time to students (from the timer continuing to run) from a loss of connection.

The major assignments included in the 70% weighted average required to pass the course are the following: Quantitative Research Article Critiques, Parts One and Two; Knowledge Checks, 1 and 2; and Evidence Based Practice: Finding the Evidence.

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. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients "begin attendance in a course". UT Arlington instructors will report when students begin

attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Blackboard. This date is reported to the Department of Education for federal financial aid recipients.

Grading

Assignment	Percentage of Final Grade
Module One Assignments Research Crossword Puzzle 2%; Qualitative Matching 2%; Human Subjects Protection Training 4%; Plagiarism Tutorial Activity 2%	10%
Module Two Assignments APA Activity 3%; Searching for a quantitative Nursing Research Article 3%	6%
Research Article Critique, Part One	15%
Research Article Critique, Part Two	15%
Knowledge Check #1	10%
Evidence Based Practice Project: Finding the Evidence	15%
Evidence Based Practice Project: Sharing the Evidence (In Discussion Board Module 5)	10%
Knowledge Check #2	10%
Discussion Boards (Module 1, 2, and 3 3% each)	9%

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

70% weighted average overall; and

70% weighted average on major assignments. Major assignments and their value included in the 70% weighted average are listed here:

- Research Article Critiques 1 & 2 20% each
- Knowledge Checks #1 and #2 20% each
- Evidence Based Practice: Finding the Evidence 20%
- 90% on math test (if applicable). (N/A)
- 90% on practicum skills check offs (if applicable). (N/A)

In determining the final course grade for N3321:

- The major assignments average will be checked first.
 - If a student achieves a 70.00% with no rounding of the average on the major assignments, the additional course requirements will count toward the final course grade.
 - The final weighted course grade must also be above a 70%.
- If a student **did not achieve** a 70.00% with no rounding on the major assignments average, then the course grade calculation stops and the grade stands as a D or F as determined by the numerical value from the weighted average on the major assignments.
- There are no opportunities for “make-up” assignments or to earn extra credit in this course.

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:

A	90.00	100.00
B	80.00	89.99
C	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.

Please note: If you are repeating the course, you must submit a NEW quantitative nursing research article in Module 2 and a NEW Evidence Based Practice Project: Finding the Evidence (Module 4) and a NEW Evidence Based Practice Project: Sharing the Evidence (Module 5). You must choose a new topic for the article and EBPP Project.

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.

<http://catalog.uta.edu/academicregulations/grades/#undergraduatetext>

Additional General Comments about the Course:

Assignment Format:

All assignments will be submitted within Blackboard in Microsoft Word format unless instructed otherwise by faculty. Assignments that cannot be opened cannot be graded and will receive a zero. Check to be sure your assignment submission is visible in the viewing pane when you submit it. Review your grades frequently in this course. Papers not submitted to Blackboard cannot be graded. Assignments (including 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. Five points will be deducted from the final grade of the assignment for each day the work is late. Work is considered "late" if it is received after the scheduled due date and time. **Drop boxes will close 48 hours after each assignment is due.** Therefore, no work will be accepted after this time.

Exception #1: 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 if possible. The instructor may postpone the deadline without penalty, depending on the circumstances. Documentation will be required.

Exception #2: No late work is accepted for Module 5, as the course closes on the final Saturday night of the course.

Exam Policy

Excused Absences: legal obligation, military obligations, pre-approved university-sponsored events, emergency situations, religious holy days, death of family member, or illness

Requirements: To be considered for a re-scheduled exam, the student must notify faculty prior to exam start date and time; documentation of incident is required and must be provided within 48 hours following exam due date and time. Documentation for illness requires proof of a visit to a healthcare provider. There are no exceptions to this rule.

There will be no point deductions for an excused exam absence.

Unexcused Absences: oversleeping, exam date oversight, computer / technical issues, or other reasons not listed under excused absences

Requirements: To be considered for a re-scheduled exam, the student must notify faculty with their request within 48 hours of the exam due date and time. The exam must be scheduled within 7 days of the original exam due date and time.

The make-up exam may include alternative test questions and/or format and will have a point penalty of 20 points.

A student may only have one unexcused absence per course. Subsequent unexcused absences will result in a '0' on the exam.

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 www.helpdesk@uta.edu. **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 the course. Your instructors are not available for technical support, please call or contact the help desk.**

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 timed assignment) 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 timed assignments on a wireless system** as students have also been dropped and used up their time trying to reconnect. The Getting Started Module in Blackboard explains the best interfaces for accessing Blackboard for timed assignments and paper submissions.

Knowledge Check Assignments Information:

The Knowledge Check Assignments will be given on-line. These open-book assignments have 25 multiple choice questions, and you will have 45 minutes in which to complete it. Use your time wisely. Quizzes will not be re-opened or re-set because you have run out of time and did not complete them. You must complete the assignment in one sitting. The timed assignment will open and close at the dates and times listed in your syllabus. ***For any additional problems with the Knowledge Checks while you are working on the assignment, contact your course instructor immediately via e-mail for assistance. Do not contact your Coach or IT.***

Online Knowledge Check assignments are individual work and you may use your book or course materials to assist you in answering the questions. These assignments are NOT group activities. Sharing or receiving information is a matter of academic dishonesty and will be reported to the Office of Community Standards.

Expectations for Out-Of-Class Study:

Students enrolled in this course should expect to spend at least 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.

LIBRARY INFORMATION

UTA Library:

Nursing Librarians: nursinglibrarians@uta.edu

Gretchen Trkay: gtrkay@uta.edu

Peace Ossum Williamson: peace@uta.edu

RaeAnna Jeffers: raeanna.jeffers@uta.edu

Nursing Liaison Librarian, 817.272.5352

Research information on nursing: <http://libguides.uta.edu/nursing>

Library Home Page	http://www.uta.edu/library
Subject Guides.....	http://libguides.uta.edu
Subject Librarians.....	http://www.uta.edu/library/help/subject-librarians.php
Database List	http://www.uta.edu/library/databases/index.php
Course Reserves.....	http://pulse.uta.edu/vwebv/enterCourseReserve.do
Library Tutorials	http://www.uta.edu/library/help/tutorials.php
Connecting from Off- Campus	http://libguides.uta.edu/offcampus
Ask A Librarian.....	http://ask.uta.edu

The following URL houses a page where we have gathered many commonly used resources needed by students in online courses: <http://www.uta.edu/library/services/distance.php>.

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 in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents' Rule* 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University. Additional information is available at <https://www.uta.edu/conduct/>.

A Note About Plagiarism:

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 five 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 ideas 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 beginning and 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 the paper. Students are encouraged to review the plagiarism module from the UT Arlington Central Library via <http://library.uta.edu/tutorials/Plagiarism>

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:

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

Counseling and Psychological Services, (CAPS) www.uta.edu/caps/ 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 uta.edu/eos.

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 jmhood@uta.edu.*

Student Support Services Available

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 [tutoring](#), [major-based learning centers](#), developmental education, [advising and mentoring](#), personal counseling, and [federally funded programs](#). 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 resources@uta.edu, or view the information at <http://www.uta.edu/universitycollege/resources/index.php>.

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 www.uta.edu/owl for detailed information on all our programs and services.

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 <http://www.uta.edu/news/info/campus-carry/>

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 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. Contact the Financial Aid Office for more information.

The **drop date** for this course can be found at:

http://academicpartnerships.uta.edu/documents/UTA_Drop_Dates.pdf

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 <http://www.uta.edu/oit/cs/email/mavmail.php>.

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 <http://www.uta.edu/sfs>.

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. **NA for this course**

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 this policy.

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.

The Student Handbook can be found by going to the following link:

<http://www.uta.edu/nursing/bsn-program/> and clicking on the link titled BSN Student Handbook located in the lower left-hand corner.

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. Non-emergency number 817-272-3381

NURS 3321 Nursing Research
Course Schedule

MODULE / WEEK	ACTIVITY
Module One / Week One	
Content	Learning Activities
Course orientation Introduction to research Role of research in nursing Methodological approaches to research overview <ul style="list-style-type: none"> • Quantitative • Qualitative Ethical & legal issues <ul style="list-style-type: none"> • human rights • informed consent • IRB 	<p>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.</p> <p>Additional Activities: Submit Attestation form</p> <p>Graded Activities: Submit Module One Assignments Discussion Board postings</p>
Module Two / Week Two	
Content	Learning Activities
The Research Process <ul style="list-style-type: none"> • Literature review • Research problems & purpose • Objectives, Questions, & Hypotheses • Study Variables • Study Frameworks • Quantitative research designs 	<p>Reading: Chapters 5, 6, 7, & 8. Use the Module Reading Worksheets to help you take notes / learn the information as you read.</p> <p>Graded Activities: Submit Module Two Assignments Submit Research Article Critique (RAC) Part One Discussion Board postings</p>
Module Three / Week Three	
Content	Learning Activities
The Research Process <ul style="list-style-type: none"> • Sampling • Measurement methods • Data Collection • Quantitative Data Analysis • Evaluation of Findings 	<p>Reading: Chapter 9, 10, & 11, Use the Module Reading Worksheets to help you take notes / learn the information as you read.</p> <p>Graded Activities: Submit Research Article Critique (RAC), Part Two Complete Knowledge Check #1 Discussion Board postings</p>

Module Four / Week Four	
Content	Learning Activities
<p>An overview of Evidence- based Practice (EBP)</p> <ul style="list-style-type: none"> • PICO questions • The IOWA Model • Evidence-based guidelines • Magnet Status and EBP 	<p>Reading: 1 & 13. Use the Module Reading Worksheets to help you take notes / learn the information as you read.</p> <p>Graded Activities: Submit EBP Project: Finding the Evidence Discussion Board for help with PICO question (not graded)</p>
Module Five / Week Five	
Content	Learning Activities
<p>Evidence-based practice</p> <ul style="list-style-type: none"> • Barriers and benefits of EBP • Assistance with implementing EBP • Levels of research evidence • Nursing specialty organizations and EBP • Examining the evidence to guide practice. • Sharing the EBP evidence. 	<p>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.</p> <p>Graded Activities</p> <p>Submit EBP Project: Sharing the Evidence on Discussion Board Discussion Board postings Complete Knowledge Check #2</p>

“As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course”

Cindy Koomey, PhD, MSN, RN

Module Objectives

In each module, you will demonstrate mastery of objectives. The table below details the course activity where you will demonstrate mastery of each objective.

Module	Objectives	Course Activity (G = Graded, NG = Non-graded)
1	Define research, and nursing research.	G = Research Crossword Assignment; Qualitative Matching Assignment; Knowledge Check; NG = Reading Worksheet; Quizlet Cards
	Relate nursing research to other components of the nursing world.	G = Human Subjects Protection Training Assignment NG = Reading Worksheet; Quizlet Cards
	Discuss the development of nursing research to present day.	NG = Reading Worksheet; Quizlet Cards
	Examine the ways of knowing in the scientific world.	NG = Reading Worksheet; Quizlet Cards
	Contrast the various roles of nurses in research.	NG = Reading Worksheet; Quizlet Cards
	Describe selected methodological approaches to research.	G = Research Crossword Assignment; Qualitative Matching Assignment; Knowledge Check; NG = Reading Worksheet; Quizlet Cards
2	Describe research designs and the different components used in the design.	G = Searching for Quantitative Nursing Research Article; Discussion; Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Identify variables, hypotheses, and what is needed for each type of design.	G = Discussion; Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Compare concepts and constructs in research.	G = Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Identify different types of variables and how to operationalize them.	G = Research Article Critique Part I; Knowledge Check; NG = Reading Worksheet; Quizlet Cards
	Discuss theory and theoretical frameworks and how they are used in research.	G = Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Identify types of reliability and validity.	G = Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Examine phenomenology, grounded theory, ethnography, case study, and historical designs.	G = Research Article Critique Part I NG = Reading Worksheet; Quizlet Cards
	Identify key components of APA Style and Plagiarism	G = APA Assignment; Plagiarism Tutorial Assignment
3	Examine types of data collection for quantitative and qualitative studies.	G = Research Article Critique Part II, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards
	Identify levels of measurement.	G = Research Article Critique Part II, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards

Module	Objectives	Course Activity (G = Graded, NG = Non-graded)
	Discuss reliability and validity.	G = Discussion
	Examine the different levels of measurement.	G = Research Article Critique Part II, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards
	Examine measures of central tendency.	G = Research Article Critique Part II, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards
	Identify measures of dispersion.	G = Research Article Critique Part II, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards
	Based on research findings, evaluate nursing intervention outcomes and implications for nursing practice.	G = Research Article Critique Part II NG = Reading Worksheet; Quizlet Cards
4	Discuss dissemination of research findings.	G = Finding the Evidence Assignment, Knowledge Check #2 NG = Discussion; Reading Worksheet; Quizlet Cards
	Discuss methods of communication used by nurse scientists to disseminate the research findings.	G = Finding the Evidence Assignment, Knowledge Check #2 NG = Discussion; Reading Worksheet; Quizlet Cards
	Discuss transferability and feasibility of clinical applications of research findings.	G = Finding the Evidence Assignment, Knowledge Check #2 NG = Discussion; Reading Worksheet; Quizlet Cards
5	Discuss dissemination of research findings.	G = Sharing the Evidence Discussion, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards
	Discuss transferability and feasibility of clinical applications of research findings.	G = Sharing the Evidence Discussion, Knowledge Check #2 NG = Reading Worksheet; Quizlet Cards