

Instructor Information

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

Office Number: PKH 640

Office Telephone Number: 817-272-2776

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Faculty Profile: <https://mentis.uta.edu/explore/profile/cynthia+-koomey>

Office Hours: Group online office hours weekly and by appointment

Course Information:

Section Information: NURS 3321-600

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:** 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.*
- 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. These open-book assignments have 25 multiple choice questions, and you will have 45 minutes in which to complete it. Please see the blueprints located in Canvas 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. 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. You may go back and forth between questions. 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.***

Grading

Assignment	Percentage of Final Grade
Module One Assignments Research Crossword Puzzle 2.5%; Qualitative Matching 2.5%; Human Subjects Protection Training 2.5%; Plagiarism Tutorial Activity 2.5%	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 determining the final course grade for N3321:

The final weighted course grade must be above a 70%.

There are no opportunities for “make-up” assignments or to earn extra credit in this course.

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. Any late work must be submitted no later than 48 hours after the due date in order to receive a grade, otherwise you will receive a zero.

- **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.

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. You cannot use previously submitted work.

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>

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.**

Institutional Information:

UTA students are encouraged to review the below institutional policies and informational sections and reach out to the specific office with any questions. To view this institutional information, please visit the [Institutional Information](http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) page (<http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php>) which includes the following policies among others:

- Drop Policy
- Disability Accommodations
- Title IX Policy
- Academic Integrity
- Student Feedback Survey
- Final Exam Schedule

Additional Information about the Course:

Attendance Policy:

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator of student success. 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 monitor the time participation in the CANVAS course. There is no participation grade.** 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 must 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 Canvas. This date is reported to the Department of Education for federal financial aid recipients.

Assignment Format:

All assignments will be submitted within CANVAS in Microsoft Word or PDF 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 truly submitted after you submit it. This is your responsibility. Review your grades frequently in this course. Papers not submitted to CANVAS cannot be graded, do not email to faculty or coaches unless instructed to do so. 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.

CANVAS 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.

Computer Requirements:

All computers on campus will have access to CANVAS. If you choose to access CANVAS 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 CANVAS 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 CANVAS. 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 CANVAS explains the best interfaces for accessing CANVAS for timed assignments and paper submissions.

Research or General Library Help

Raeanna Jeffers

Nursing Liaison Librarian, 817-272-1563

<http://www.uta.edu/library> | raeanna.jeffers@uta.edu

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

[Academic Plaza Consultation Services](http://library.uta.edu/academic-plaza) (library.uta.edu/academic-plaza)

[Ask Us](http://ask.uta.edu/) (ask.uta.edu/)

[Library Tutorials](http://library.uta.edu/how-to) (library.uta.edu/how-to)

[Subject and Course Research Guides](http://libguides.uta.edu) (libguides.uta.edu)

[Librarians by Subject](http://library.uta.edu/subject-librarians) (library.uta.edu/subject-librarians)

[Research Coaches](http://libguides.uta.edu/researchcoach) (http://libguides.uta.edu/researchcoach)

[A to Z List of Library Databases](http://libguides.uta.edu/az.php) (libguides.uta.edu/az.php)

[Course Reserves](https://uta.summon.serialssolutions.com/#!/course_reserves) (https://uta.summon.serialssolutions.com/#!/course_reserves)

[Study Room Reservations](http://openroom.uta.edu/) (openroom.uta.edu/)

The Writing Center

The Writing Center, 411 Central Library, offers individual 40 minute sessions to review assignments, *Quick Hits* (5-10 minute quick answers to questions), and workshops on grammar and specific writing projects. Visit <https://uta.mywconline.com/> to register and make appointments. For hours, information about the writing workshops we offer, scheduling a classroom visit, and descriptions of the services we offer undergraduates, graduate students, and faculty members, please visit our website at www.uta.edu/owl/.

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 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](#) by appointment, [drop-in tutoring](#), [mentoring](#) (time management, study skills, etc.), [major-based learning centers](#), [counseling](#), and [federally funded programs](#). For individualized referrals, students may call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at [Resource Hotline](http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php) (<http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php>).

The English Writing Center (411LIBR):

The Writing Center offers **FREE** tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at the [Writing Center](https://uta.mywconline.com) (<https://uta.mywconline.com>). Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see [Writing Center: OWL](#) for detailed information on all our programs and services.

The Library's 2nd floor [Academic Plaza](http://library.uta.edu/academic-plaza) (<http://library.uta.edu/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

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

Course Activity	Due Date
Module 1	Completed by:
Online Office Hours	Tuesday, July 9 th @ 1100
Attestation Statement	Wednesday, July 10 th @ 2359
Discussions	Wednesday, July 10 th @ 2359 – initial post to discussion thread Saturday, July 13 th @ 2359 - post replies to 2 colleagues
Assignments: Research Crossword Puzzle, Qualitative Matching Activity, Human Subjects Protection Training, Plagiarism Module.	Saturday, July 13 th @ 2359
Module 2	Complete by:
Online Office Hours	Tuesday, July 16 th @ 1100
Discussions	Wednesday, July 17 th @ 2359 – initial post to discussion thread Saturday, July 20 th @ 2359 - post replies to 2 colleagues
Assignments: APA Activity, Searching for a Quantitative Nursing Research Article, RAC, part one	Thursday, July 18 th : <u>optional</u> early submission date of <u>one</u> article for coach review to the “searching for a quantitative research article” submission link. Saturday, July 20 th @ 2359: all Module Two Assignments due
Module 3	Complete by:
Online Office Hours	Tuesday, July 23 rd @ 1100
Discussions	Wednesday, July 24 th @ 2359 – initial post to discussion thread Saturday, July 27 th @ 2359 - post replies to 2 colleagues
Assignments: RAC, part two and Knowledge Check #1 (opens Monday, July 22 nd at 0001)	Saturday, July 27 th @ 2359
Module 4	Complete by:
Online Office Hours	Tuesday, July 30 th @ 1100
Discussions	Post to peer discussion board in Module Four as needed for PICO / article help from peers.
Assignments: EBPP: Finding the Evidence Paper	Saturday, August 3 rd @ 2359

Module 5	Complete by:
Online Office Hours	Tuesday, August 6 th @ 1100
Assignments: EBPP: Sharing the Evidence Project	Wednesday, August 7th @ 2359 – initial post to discussion thread – your EBPP: Sharing the Evidence Project
Discussions	Saturday, August 10th @ 2359 - post replies to 2 colleagues' Sharing the Evidence Project AND your responses to the two “wrap-up” discussion board questions.
Assignments: Knowledge Check #2 (opens Monday, August 5 th at 0001)	Saturday, August 10th @ 2359 ***NO LATE WORK ACCEPTED FOR MODULE 5***

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