



**Translational Science 2
NURS 5302
Spring A 2025**

Scheduled Class Days and Times: Online

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Office Hours: Virtual Office Hours: Monday from 1-4 PM CST and by appointment for phone call or video conference. Additional days and times may be arranged upon request. Please email faculty to make arrangements/obtain Zoom link.

***Best way to contact me**

Gloria Duke, PhD, RN

Office: Virtual

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Office Hours: Virtual Office Hours: Tuesday from 9 AM – 12 PM CST and by appointment for phone call or video conference. Additional days and times may be arranged upon request. Please email faculty (never through Canvas) to make arrangements/obtain Zoom link.

***Best way to contact me**

Katherine Strout, PhD, RN

Office: Virtual

Phone: 903-407-6000 (mobile)

Email: kstrout@uttyler.edu

Office Hours: Virtual Office Hours: Tuesdays 1-2 PM via Zoom, by appointment for phone call or video conference. Additional days and times may be arranged upon request. Please email faculty to make arrangements/obtain Zoom link.

Best way to contact me: Through Canvas email

Prerequisites: NURS 5301

Corequisites: None

Course Description: Students will explore quantitative research designs, statistical analytical techniques, and appraisal of quantitative evidence for understanding nursing as a scientific discipline.

Student Learning Outcomes:

Upon successful completion of this course, the student will be able to:

1. Explore the major steps in a quantitative study.
2. Identify quantitative research designs and their contribution to nursing as a science.
3. Critically appraise quantitative evidence in nursing practice
4. Describe statistical analytical techniques.

Required Textbooks

- American Psychological Association. (2020). *Publication manual of the American Psychological Association: The official guide to APA style*. (7th ed.). American Psychological Association. **ISBN: 978143383216**
- Polit, D.F. & Beck, C.T. (2022). *Essentials of nursing research: Appraising evidence for nursing practice* (10th ed.). Wolters Kluwer. **ISBN: 9781975141851**

Assignments and Weights/Percentage/Point Values

*Graded assignments are worth 100 points each

Discussion Board 1	5%
Discussion Board 2	5%
Quiz 1: Chapters 1 & 2	10%
Quiz 2: Chapters 8 & 9	10%
Critical Appraisal 1	15%
Critical Appraisal 2	20%
Library Search Activity	15%
Final Exam	20%
Total Percentage	100%

Required Non-Graded Assignments (Complete or Non-Complete)

*Submission of nongraded assignments is required to pass the course

Introduction Discussion Board	C/NC
Affirmations "Quiz"	C/NC

Grading Scale:

Specific guidelines and grading criteria for all assignments are in the Modules. Final grades for the course will be determined based upon the following point assignments:

- A - 90-100
- B - 80-89
- C - 70-79
- D - 60-69
- F - Below 60

Grades will not be rounded when calculating the average (79.5 is not rounded to 80, and 89.5 is not rounded to 90). Students are required to achieve an average of 80% (B) to complete the course successfully.

Late Policy: 5% will be deducted each day an assignment is past due unless prior arrangements have

been made with your course faculty. Extenuating circumstances may apply.

Attendance and Make-up Policy: Attendance/participation is expected. Make-up for any assignment is per faculty discretion.

Academic Integrity: Cheating of any kind, as defined in Section 8 of the UT Tyler Manual of Policies and Procedures (MOPP) for Student Affairs (<https://www.uttyler.edu/mopp/>), will not be tolerated.

Consequences may include:

- reprimand
- exam failure
- course failure
- expulsion from the Nursing program
- expulsion from the University
- other consequences as assigned

Artificial Intelligence Statement

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

AI is encouraged during this course, and appropriate acknowledgement is expected. You can use AI programs (ChatGPT, Copilot, etc.) in this course. These programs can be powerful tools for learning and other productive pursuits, including completing assignments in less time, helping you generate new ideas, or serving as a personalized learning tool. However, your ethical responsibilities as a student remain the same. You must follow UT Tyler's Honor Code and uphold the highest standards of academic honesty. This applies to all uncited or improperly cited content, whether created by a human or in collaboration with an AI tool. If you use an AI tool to develop content for an assignment, you must cite the tool's contribution to your work.

Exam and homework materials, questions, and problems are the intellectual property of faculty, UT Tyler, or publishers.

- These materials may not be distributed without permission.
- Distributing or uploading them to online resources destroys the integrity of the assignment and the course, allowing others an unfair advantage by letting them view the materials.
- Uploading these materials to online resources is a violation of UT Tyler's academic misconduct policies and may result in formal conduct charges.
- Sanctions for uploading or otherwise divulging the contents of these materials can include:

- a reduced or failing grade on an assignment,
- a reduced or failing grade for the course,
- removal from the Nursing program,
- removal from UT Tyler.

Repeating a Course: Students repeating this course may not use previously submitted assignments nor utilize the same patients for an assignment. Submitting the same or slightly modified assignments from previous semesters is considered self-plagiarism and is subject to academic discipline, including failing the assignment or the course.

Appeals

Students have the right to appeal. See the UT Tyler policies related to withdrawing from a course:

School of Nursing Appeal Form: [course-grade-appeal-form-20230421.pdf \(uttyler.edu\)](#)

University Appeals Procedure: [Appeals | Registrar | The University of Texas at Tyler \(uttyler.edu\)](#)

Medical Withdrawal Procedure: [Medical Withdrawal / Course Load Reduction \(uttyler.edu\)](#)

*** Student Resources and University Policies are provided in Canvas.**