



Translational Science I

NURS 5301

Spring 2023

Scheduled Class Days and Times: Online

Instructor's Name: Cathy Miller RN, PhD

Office: Virtual

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Office Hours: Virtual Office Hours: Tuesdays 8am-11am and available via appointment, email, conference call, and/or Zoom.

Best way to contact me: via *Canvas email

Instructor's Name: Belinda Deal PhD, RN, CNE

Office: Virtual

Phone: (903) 566-7320

Office Hours: Virtual Office Hours: Mondays 6pm-9pm

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Office Hours: Virtual Office Hours: Available via appointment, email, conference call, and/or Zoom.

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Instructor's Name: Gloria Duke RN, PhD

Office: Virtual

Phone: (903) 566-7320

Office Hours: Virtual Office Hours: Mondays, Tuesdays, and Wednesdays 1pm-2pm

Email: gduke@uttyler.edu

Office Hours: Available via appointment, email, conference call, and/or Zoom.

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Instructor's Name: Don Hunt RN, PhD

Office: Virtual

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Office Hours: Virtual Office Hours: Mondays 6pm-9pm

Email: DTH1979@att.net

Office Hours: By Appointment

Best way to contact me: via *Canvas email

Course Description: Students will follow Steps 0-3 of the Evidence-Based Practice (EBP) process. Students will answer clinical questions by critical appraisal of research and explore theoretical and ethical issues in translating evidence into practice as they begin assimilating in their advanced practice role in nursing.

Prerequisites: Admission to any UT Tyler MSN program.

Corequisites: None

Student Learning Outcomes:

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

- 1) Articulate a personal philosophy toward assimilation of APRN, Nurse Educator, and Administrator role.
- 2) Integrate ethical principles into planning, conducting, and implementation of research.
- 3) Explain the nature of theory and conceptual frameworks within research.
- 4) Interpret statistical findings for use in practice
- 5) Appraise the qualitative, quantitative, and mixed-methods evidence for rigor and use in practice.
- 6) Formulate a PICOT Question about a clinical issue.
- 7) Conduct a systematic search to find evidence to answer the clinical question.

Required Textbooks and Readings:

American Psychological Association. (2020). *Publication manual of the American Psychological Association: The official guide to APA style*. (7th ed.). American Psychological Association.
ISBN: 9781433832161

Melnyk, B. M., & Fineout-Overholt, E. (2019). *Evidence-based practice in nursing & healthcare: A guide to best practice* (4th ed.). Wolters Kluwer. **ISBN:** 9781496384539

If you are in a clinical course, all students are required to have an active *InPlace* subscription.

Assignments and Weights/Percentage/Point Values

1. Learning Activities within Modules	15%
2. Assignments	75%
3. Class Participation and Professionalism	10%

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.

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

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

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.

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.

Attendance and Make-up Policy: Attendance/participation is expected. Make-up for exams, quizzes, assignments, and missed clinical time is at the instructor's discretion.

Graded Course Requirements Information:

The major assignment of this course include:

1. Identifying your PICOT topic of concern.
2. Developing your PICOT question.
3. Critical Analysis of a Quantitative study.
4. Critical Analysis of a Qualitative study.
5. Critical Analysis of a Mixed-Methods Study.

Complete instructions, supporting materials and templates (when appropriate) are included in the module in which the assignment is located.

Important Course Dates:

Classes Begin: January 9, 2023

Census Date (withdraw without penalty): January 20, 2023

Last Date to Withdraw: March 20, 2023. Students please notify your course faculty and contact your advisor.

Calendar of Topics, Readings, and Due Dates:

NURS 5301 Course Calendar Spring 2023

Week	Unit	Content	Required Reading & Videos	Participation	Learning Activities (Graded)	Assignments (Graded)
Week 1 01/09/23	Start Here	Start Here Module	1.pp. ix-xxii		1. Getting Started #1: Syllabus & Calendar Review 2. Getting Started #2 MSN Orientation 3. Getting Started #3 Affirmations	
Week 2 01/16/23	Start Here Cont.	Research Design Review Course Objectives: 3,5	1. <i>Video</i> : Qual, Quant, or Mixed-Methods? 2. <i>Video</i> : Fundamentals of Qualitative Research 3. <i>Video</i> : RCT 4. <i>Video</i> : SR/MA 5. <i>Video</i> : Critical Appraisal 6. <i>Video</i> : Concepts, Models, & Theories 7. Introduction to Terminology		1. Create & Submit your digital Portfolio link.	
Week 3 01/23/23	Unit 1	Unit 1 Step 0: The Spirit of Inquiry Course Objectives: 1,3,4,5, & 6	1. Text Chapters 1-2 2. Step by Step (SBS) Articles #1 & #2 3. Article: Understanding the Evidence Deconstructing the Research Article 4. <i>Video</i> : UT Tyler Honor Code	1. Review & discuss Case Study 1 EBP, Research, or QI? 2. Develop and discuss your potential Capstone topic. 3. Personal Philosophy Discussion	1. Submit your EBP Step 0 Topic	
Week 4 01/30/23	Unit 1 Cont.	Unit 1 Step 1: Asking Clinical Questions (PICOT) Course Objectives: 3 & 6	1. Ch. 2 and pages 616-617 2. Sbs #3 1. <i>Video</i> : EBP Step 1: Asking the Clinical Question	1. Case Study #2 "T" or "Time"	2. Submit your PICOT question	
Week 5 02/06/23	Unit 1 Cont.	Unit 1 Step 2: Finding Relevant, Rigorous, and Timely Evidence Course Objective: 7	1. <i>Video</i> : Literature Search: Part 1 2. <i>Video</i> : Search: Part 2 3. Chapter 3	1. Discussion: The importance of Systematic Searches 2. Discussion: Step 2: Case Study The Literature Search 3. Library Systematic Search Tutorial 4. Systematic Search		

*Course calendar continued next page.

Week 6 02/13/23	Unit 2	Unit 2 Step 3: Critically Appraising Evidence Course Objectives: 5 & 7	1. Introduction to Unit 2 2. Chapters 4 & 5 3. <i>Video</i> : EBP Step 3	1. Continue your literature search 2. Compile quantitative studies that may inform your Capstone & address your PICOT. 3. Choose your Quant article if you are ready! 4. Discussion: Is my first article Quant, Qual, or MM??		
Week 7 02/20/23	Unit 2 Cont.	Unit 2 Step 3 Cont.: Critically Appraising Evidence & Quantitative Study Critical Appraisal Course Objectives: 3, 4, 5 & 7	1. Finish Chapter 5 2. SBS Articles 5 & 6 3. Understanding the Evidence article (Novosel, 2022) 4. Read "A Sampling of Statistics" 5. <i>Videos</i> : Rev. the videos on study designs in Week 2			Submit Quantitative Appraisal
Week 8 02/27/23		Unit 2 Step 3 Cont.:		1. Learning Outcomes Discussion in the Discussions Café 2. Begin compiling your Synthesis Tables for your portfolio		
Week 9 03/06/23		Unit 2 Step 3 Cont.: Qualitative Study Critical Appraisal. Course Objectives: 3, 4 & 5	1. Read Chapter 6 2. <i>Video</i> : Fundamentals of Qualitative Research			Submit Qualitative Appraisal
Spring Break						
Week 10 03/20/23 <i>*Last Day to drop the course is 3/20/23</i>		Unit 2 Step 3 Cont.: Mixed-Methods Critical Appraisal	1. <i>Video</i> : Mixed Methods Overview 2. Holcomb & Hickman (2015) 3. McKim (2017) 4. Leech, Dellinger, Braunnagan, & Tanaka (2010)	1. Continue your literature search 2. Compile your MM articles that you believe may inform your Capstone to address your PICOT question 3. Continue your synthesis tables for your portfolio		
Week 11 03/27/23		Unit 2 Step 3 Cont.: Mixed-Methods Critical Appraisal			1. Work on your MM appraisal	Submit MM Appraisal
Week 12 04/03/23		Ethical Considerations in EBP and Research	1. Chapter 23			

Week 13 04/10/23		Ethical Considerations in EBP and Research Cont.			1. CITI Training	Submit CITI Certificate
Week 14 04/17/23		Wrap Up		Course Reflections, & Evaluations, Final questions for faculty, finalize your digital portfolio for the semester.		

Content is subject to change at the discretion of the faculty according to current learning needs.

School of Nursing Policies and Additional Information:

https://www.uttler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas