



**Translational Science I  
NURS 5301 Fall 2022**

**Scheduled Class Days and Times: Online**

**Instructor's Name: Cathy Miller RN, PhD**

**Office:** Virtual

**Email:** [cathymiller@uttyler.edu](mailto:cathymiller@uttyler.edu)

**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***

**Belinda Deal PhD, RN, CNE**

**Office:** Virtual

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

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**Gloria Duke RN, PhD**

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

**Email:** [gduke@uttyler.edu](mailto:gduke@uttyler.edu)

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**Don Hunt RN, PhD**

**Office:** Virtual

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

**Email:** [DTH1979@att.net](mailto:DTH1979@att.net)

**Office Hours:** By Appointment

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

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**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**

Melnik, 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	10%
2. Assignments	80%
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.

**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.

### NURS 5301 Fall 2022 Course Calendar of Topics, Readings, and Due Dates

Week of	Unit	Content	Required Reading & Videos	Participation	Learning Activities (Graded)	Assignments (Graded)	Due Date
<b>Week 1</b> 8/22/22	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		08/28/22 11:59pm
<b>Week 2</b> 8/29/22	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.		
<b>Week 3</b> 9/6/22	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? 1. Develop and discuss your potential Capstone topic. 2. Personal Philosophy Discussion		Submit your EBP Step 0 Topic	09/11/22 11:59pm
<b>Week 4</b> 9/12/22	Unit 1 Cont.	Unit 1 Step 1: Asking Clinical Questions (PICOT)  Course Objectives: 3 & 6	1. Ch. 2 and pages 616-617 2. <del>Sbs</del> #3 1. <i>Video</i> : EBP Step 1: Asking the Clinical Question	1. Case Study #2 "T" or "Time"		Submit your PICOT question	09/18/22 11:59pm
<b>Week 5</b> 9/19/22	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			
<b>Week 6</b> 9/26/22	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!			

\*Course calendar continued on the next page.

<b>Week 7</b> 10/3/22	<b>Unit 2</b> <b>Cont.</b>	<b>Unit 2 Step 3 Cont.:</b> Critically Appraising Evidence  <b>Course Objectives:</b> 4,5&7	1. Finish Chapter 5 2. SBS Article 5 3. Understanding the Evidence article (Novosel, 2022)	1. Discussion: Is my first article Quant, Qual, or MM?? 2. Begin compiling your Synthesis Tables for your portfolio			
<b>Week 8</b> 10/10/22		<b>Unit 2 Step 3 Cont.:</b> Quantitative Study Critical Appraisal  <b>Course Objectives:</b> 3,4&5	1. Read SBS #6 2. Read "A Sampling of Statistics" 3. <i>Video:</i> Randomized Controlled Trials	1. Learning Outcomes Discussion in the Discussions Café		Submit Quantitative Appraisal	10/16/22 11:59pm
<b>Week 9</b> 10/17/22		<b>Unit 2 Step 3 Cont.:</b> Qualitative Study Critical Appraisal.  <b>Course Objectives:</b> 3,4&5	1. Read Chapter 6 2. <i>Video:</i> Fundamentals of Qualitative Research	1. Discussion: Discuss per module instructions in the Discussions Café 2. Continue your literature search 3. Compile your qualitative articles 4. Choose your Qualitative article 5. Continue your synthesis tables		Submit Qualitative Appraisal	10/23/22 11:59pm
<b>Week 10</b> 10/24/22		<b>Unit 2 Step 3 Cont.:</b> Mixed-Methods Critical Appraisal	1. <i>Video:</i> Mixed Methods Overview 2. Holcomb & Hickman (2015)	1. Continue your literature search 2. Compile your MM articles 3. Continue your synthesis tables for your portfolio			
<b>Week 11</b> 10/31/22		<b>Unit 2 Step 3 Cont.:</b> Mixed-Methods Critical Appraisal  No new material this week			1. Work on your MM appraisal	Submit MM Appraisal	11/6/22 11:59pm
<b>Week 12</b> 11/7/22 <i>*Last Day to drop the course is 11/7/22</i>		<b>Ethical Considerations in EBP and Research</b>	1. Chapter 23				
<b>Week 13</b> 11/14/22		<b>Ethical Considerations in EBP and Research Cont.</b>			1. CITI Training		11/20/22 11:59pm
<b>11/21/22</b> <b>11/26/22</b>		Thanksgiving Holidays					
<b>Week 14</b> 11/28/22		Wrap Up		Course Reflections, & Evaluations, Final questions for faculty, finalize your digital portfolio for the semester.			

### School of Nursing Policies and Additional Information:

[https://www.uttyler.edu/nursing/college/student\\_guide\\_and\\_policies.php](https://www.uttyler.edu/nursing/college/student_guide_and_policies.php)

### Student Resources to assist you in this course:

[UT Tyler Student Accessibility and Resource \(SAR\) Office](#) (provides needed accommodations to students with document needs related to access and learning)

[UT Tyler Writing Center](#)

[The Mathematics Learning Center](#)

[UT Tyler PASS Tutoring Center](#)

[UT Tyler Supplemental Instruction](#)

[Robert Muntz Library](#) and [Library Liaison](#)

[Canvas 101](#) (learn to use Canvas, proctoring, Unicheck, and other software)

Digital Support Toolkit (for supported courses only. Students are automatically enrolled in the toolkit for supported courses)

LIB 422 -- Computer Lab where students can take a proctored exam

[The Career Success Center](#)

[UT Tyler Testing Center](#)

[Office of Research & Scholarship Design and Data Analysis Lab](#)

### **Resources available to UT Tyler Students**

[UT Tyler Counseling Center](#) (available to all students)

[TAO Online Support Center](#) (online self-help modules related to mental & emotional health)

[Military and Veterans Success Center](#) (support for all of our military-affiliated students)

[UT Tyler Patriot Food Pantry](#)

[UT Tyler Financial Aid and Scholarships](#)

[UT Tyler Registrar's Office](#)

[Office of International Programs](#)

[Title IX Reporting](#)

[Patriots Engage](#) (available to all students. Get engaged at UT Tyler.)

### **University Policies and Information**

**Withdrawing from Class:** Students, you are allowed to [withdraw](#) (drop) from this course through the University's Withdrawal Portal. Texas law prohibits students who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at other 2-year or 4-year Texas public colleges and universities. Make sure to consider the impact withdrawing from this class has on your academic progress as well as the financial implications. We encourage you to consult your advisor(s) and financial aid for additional guidance. CAUTION #1: Withdrawing before census day does not mean you get a full refund. Please see the [Tuition and Fee Refund Schedule](#). CAUTION #2: All international students must check with the [Office of International Programs](#) before withdrawing. All international students are required to enroll full-time for fall and spring terms.

**Final Exam Policy:** Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members are required to maintain student final examination papers for a minimum of three months following the examination date.

**Incomplete Grade Policy:** If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor, and (c) the student presents these reasons prior to the time that the final grade roster is

due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F or NC if the course was originally taken under the CR/NC grading basis.

**Grade Appeal Policy:** UT Tyler's Grade Appeal policy requires the completion of a Grade Appeal form for this action to take place. The grade appeal begins with the instructor of your course. If you do not agree with the decision of the instructor, you may then move your appeal to the department chair/school director for that course. If you are still dissatisfied with the decision of the chair/director, you may move the appeal to the dean of the college offering that course, who has the final decision. Grade appeals must be initiated within sixty (60) days from the date of receiving the final course grade. The grade Appeal form is found on the [Registrar's Form Library](#).

**Disability/Accessibility Services:** The University of Texas at Tyler has a continuing commitment to providing reasonable accommodations for students with documented disabilities. Students with disabilities who may need accommodation(s) in order to fully participate in this class are urged to contact the Student Accessibility and Resources Office (SAR) as soon as possible to explore what arrangements need to be made to ensure access. If you have a disability, you are encouraged to visit the SAR Portal (<https://hood.accessiblelearning.com/UTTyler/>) and complete the New Student Application. For more information, please visit the [SAR webpage](#) or call 903.566.7079.

**Military Affiliated Students:** UT Tyler honors the service and sacrifices of our military-affiliated students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with me if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make me aware of any complications as far in advance as possible. I am willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. Campus resources for military-affiliated students are in the [Military and Veterans Success Center \(MVSC\)](#). The MVSC can be reached at [MVSC@uttyler.edu](mailto:MVSC@uttyler.edu) or via phone at 903.565.5972.

**Academic Honesty and Academic Misconduct:** The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the [Student Conduct and Discipline policy](#) in the Student Manual Of Operating Procedures (Section 8).

**FERPA:** UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in [University Policy 5.2.3](#). The course instructor will follow all requirements in protecting your confidential information.

**COVID Guidance:** The UT Tyler community of Patriots respects the rights of others to wear a mask if they desire to do so. COVID guidelines may change as the situation warrants, and students should follow the instructions warranted by the situation.

**Absence for Official University Events or Activities:** This course follows the practices related to approved absences as noted by the Student Manual of Operating Procedures ([Sec. 1 -501](#)).

**Absence for Religious Holidays:** Students who anticipate being absent from class due to a religious holiday are requested to inform the instructor by the second class meeting of the semester.

**Campus Carry:** We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>.