

THE UNIVERSITY OF TEXAS AT TYLER
SCHOOL OF NURSING

COURSE SYLLABUS

NURS 5302 Translational Science II

Summer 2018

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Office Hours: ONLINE and by Appointment

COURSE DESCRIPTION:

NURS 5302: This course builds upon the learning in Translational Science I, continuing steps 0-3 and beginning step 4 of the EBP process. Students focus on evaluation and synthesis of relevant evidence to answer clinical questions. Students begin translating science into practice by recommending best practices and subsequent outcomes as they actualize their advanced practice role in nursing.

PREREQUISITE: NURS 5301 Translational Science I

CREDIT HOURS: 3

STUDENT LEARNING OUTCOMES:

By the end of the course, each student will be able to:

1. Synthesize the evidence about a clinical issue to identify current best evidence and gaps in knowledge.
2. Interpret statistical findings for use in practice.
3. Based on best evidence, make clinical recommendations for sustainable practice and outcomes.
4. Integrate research evidence, ethical considerations, clinical expertise, and patient values for preliminary project planning to impact health care outcomes and/or cost effectiveness of care.
5. Articulate transition from current role to master's prepared role.

REQUIRED TEXTS

American Psychological Association. (2009). *Publication manual of the American Psychological Association*. (6th ed.). Washington, D.C.: Author. **ISBN:** 1433805618

Melnyk, B. M., & Fineout-Overholt, E. (2015). *Evidence-based practice in nursing & healthcare: A guide to best practice* (3rd ed.). Philadelphia, PA: Wolters Kluwer. **ISBN:** 978-1-4511-9094-6

Polit, D. F., & Beck, C. T. (2017). *Nursing research: Generating and assessing evidence for nursing practice* (10th ed.). Philadelphia: J. B. Lippincott. **ISBN:** 978-1-4963-0023-2

USEFUL WEBSITES

- Research methods knowledge base: <http://www.socialresearchmethods.net/kb/index.php>
- Agency for Healthcare Research and Quality: <http://www.ahrq.gov/>
- UT Tyler library guide page for nursing and health sciences: <http://libguides.uttyler.edu/cat.php?cid=833>

EVALUATION, GRADING, AND GRADE POLICY

EVALUATION MEASURES	WEIGHTED %
Post copy of Graded 5301 Final Project Include GAOs, RCAs, & Evaluation Table if not in project	5%
Discussion Boards (3 at 5% each)	15%
Introduction (video, response, information sheet)	
Descriptive Statistics	
Inferential Statistics	
Assignments (6 at 5%)	30%
3 GAOs, RCAs, & updated Evaluation Tables for 3 additional articles for PICOT (3 at 5% each)	
APA Quiz— REQUIRED TO OPEN COURSE	
Reliability & Validity	
Course Reflections	
Synthesis/Outcomes Table & Recommendations	10%
Exams--Statistics (2 at 10% each)	20%
Final Project—Preliminary Proposal	20%
Total	100%

Grading Policy for the School of Nursing:

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

Students are expected to achieve an average of 80% (B) to successfully complete the course.

Modules and materials are available based upon the master calendar and with plenty of notice to complete coursework assignments. Course assignments are due per the course calendar. **No extensions are given without PRIOR faculty approval.**

***Last Day to withdraw without penalty from course— Monday, June 4, 2018**

***Last Day to withdraw from course—Monday, June 16, 2018**

Note: Students are expected to adhere to due dates. Late policy: 5% will be deducted for each day an assignment is past due unless prior arrangements have been made with your course faculty.

Students are expected to plan for online access to the course while traveling. Since this is an online course, lack of internet access during the travel and other issues which may occur as part of the traveling experience will NOT be considered an acceptable excuse for lack of timely participation in course activities.

Turnitin is a feature provided by Canvas that is designed to detect plagiarism or non-original student work. Your instructor may set up this feature so that when you submit papers, they are automatically sent through Turnitin. The program checks your work against a comprehensive

database of source material including previous students' work and other papers and materials found on the web. An originality report will be generated that indicates the percentage of non-original material (text that matches existing sources) found in your paper. The purpose of using Turnitin in your course is to ensure you are writing original papers and to encourage you and all students to properly attribute all sources used.

UNIVERSITY POLICIES

Here is the link to the University policies including the UT Tyler Honor Code, Student Rights and responsibilities, Campus Carry, UT Tyler a Tobacco-Free University, Grade Replacement/Forgiveness and Census Date Policies, State-Mandated Course Drop Policy, Student Accessibility and Resources, Student Absence due to Religious Observance, Student Absence for University-Sponsored Events and Activities, Social Security and FERPA Statement, Emergency Exits and Evacuation, Student Standards of Academic Conduct, and UT Tyler Resources for Students:

<http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>

TECHINICAL INFORMATION:

Technical Support:

If you experience technical problems or have a technical question about this course, you can obtain assistance by emailing itsupport@patriots.uttyler.edu

When you email IT Support, be sure to include a complete description of your question or problem including:

- The title and number of the course
- The page in question
- If you get an error message, a description and message number
- What you were doing at the time you got the error message.

You may also visit the Help Tab in Canvas for helpful information.

Plug-ins and Helper Applications

UT Tyler online courses use Java, JavaScript, browser plug-ins, helper application and cookies. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your online course.

- **Adobe Reader** allows you to view, save, and print Portable Document Format (PDF) files.
<http://get.adobe.com/reader/>
- **Java Runtime Environment (JRE)** allows you to use interactive tools on the web.
<http://www.java.com/en/download/>
- **Adobe Flash Player** allows you to view content created with Flash such as interactive web applications and animations. <http://get.adobe.com/flashplayer/>

- **QuickTime** allows users to play back audio and video files.
<http://www.apple.com/quicktime/download/>
- **Windows Media Player** allows you to view, listen and download streaming video and audio. <http://windows.microsoft.com/en-US/windows/products/windows-media-player>
- **RealPlayer** allows you to view and listen to streaming video and audio.
<http://www.real.com/>
- **Office 365 ProPlus Microsoft Office for FREE!** Thanks to The University of Texas at Tyler's agreement with Microsoft, all currently enrolled UT Tyler students can now access the full-version of Microsoft Office and Office Mobile for FREE!
<https://www.uttyler.edu/it/office365/365-proplus-students.php>

Netiquette Guide

"Netiquette" is network etiquette, the do's and don'ts of online communication. Netiquette covers both common courtesy online and informal "rules of the road" of cyberspace. Review and familiarize yourself with the guidelines provided.

<http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Calendar

Week	Start Date	Topics	Assignment Due Dates
1	5/21	Introduction Review of EBP Steps 0 to 3 APA Tutorial	APA Quiz—TO OPEN COURSE Due 5/29/2018 (11:59 CST) Introduction Posts & copy of Graded 5301 Final Project Due 5/29/2018 Mondays (11:59 CST)
2	5/28	Intervention & Diagnosis Question: Statistics, Part 1: Reliability/Validity	Assignment: Reliability & Validity Due 6/5/2018 (11:59 CST) Step 3: GAO/RCA/Evaluation Table #1 Due 6/5/2018 (11:59 CST)
3	6/4 Census Day 6/4/2018	Intervention & Diagnosis Question: Statistics, Part 1: Descriptive Statistics	Exam #1: Reliability, Validity, & Descriptive Statistics Due 6/12/2018 (11:59 CST)
4	6/11	Intervention & Diagnosis Questions: Statistics, Part 2: Inferential Statistics	Discussion Board: Statistics 1 Due 6/19/2018 (11:59 CST)

5	6/18	Intervention & Diagnosis Questions: Statistics, Part 2: Inferential Statistics	Discussion Board Response to Peer: Statistics 1 Due 6/26/2018 (11:59 CST) Discussion Board: Statistics 2 Due 6/26/2018 (11:59 CST) Step 3: GAO/RCA/Evaluation Table #2 Due 6/26/2018 (11:59 CST)
6	6/25	Step 3	Exam #2: Inferential Statistics Due 7/3/2018 (11:59 CST) Discussion Board: Response to Peer for Statistics 2 Due 7/3/2018 (11:59 CST)
7	7/2	Step 3	Step 3: GAO/RCA/Evaluation Table #3 Due 7/10/2017 (11:59 CST)
8	7/9	PICOT Questions: Synthesis – Painting the Picture of WHAT WE KNOW	Step 3: Assignment Synthesis/Outcomes tTble Due 7/16/2017 (11:59 CST)
9	7/16 LAST DAY TO WITHDRAW FROM CLASSES: 7/16/2018	PICOT Questions: Evaluation to Make Sense of the Evidence: Putting it All Together	Prepare for Final Project (Formal Paper)
10	7/23	Individual Project: Step 1: Verify PICOT question (from TS1) Step 2: Verify Systematic Search (from TS1) Step 3: Critical Appraisal of Evidence; Evaluation and Synthesis	Step 4: Assignment: Final Project—Preliminary Proposal Due 7/31/2018 (11:59 CST)
11	7/30	Looking ahead: Creating & Sustaining a Culture of EBP	Course Reflections Due 8/7/2018 (11:59 CST)
12	8/6	Evaluation	End of Semester Course Evaluations