

NURS 5302: TRANSLATIONAL SCIENCE II  
Summer, 2016

**FACULTY INFORMATION**

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**COURSE DESCRIPTION**

This course will explore quantitative research designs and analytical techniques for advancing nursing science. This is a three credit hour course and requires a prerequisite of NURS5301 Translations Science I or faculty approval.

<b>Learning Outcomes</b>	<b>Program Objectives</b>	<b>Assessment Methods</b>
Critique the trustworthiness of qualitative research.	Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice	1. Quiz: qualitative research 2. Assignment: qualitative study critique 3. Group Discussion Board 4. Quiz: nursing theories
Discuss quantitative and mixed research designs and methods	Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice	1. Quiz: mixed methods research 2. Group Discussion Board
Evaluate quantitative studies for rigor and use in practice.	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz: quantitative research 2. Assignment – quantitative study critique 3. Group Discussion Board
Apply statistical techniques to various types of data.	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz: statistics 2. Assignment: Evidence based tables. 3. Group Discussion Board
Interpret statistical findings for use in practice	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz – data analysis 2. Assignment – research results interpretation 3. Group Discussion Board

**REQUIRED TEXTS**

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

Polit, D. F. & Beck, C. T. (2012). *Nursing research: Generating and Assessing Evidence for Nursing Practice*. (9<sup>th</sup> ed.). Philadelphia: J. B. Lippincott. ISBN: 978-1-60547-708-4

## 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 POLICY

Assignments	160 (8 @ 20 each)	A=	(89.5-100%)
Quizzes (DO NOT PRINT OR COPY)	80 (8 @ 10 each)	B=	(79.5-89.4%)
<hr/>		C=	(69.5-79.4%)
Total	240	D=	(59.5-69.4%)
		F=	(<59.5%)

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

All materials are available when the course opens. Quizzes may be taken 2 times but must be completed by the due date on the calendar and the two scores are averaged. Course assignments are due per the course calendar. No extensions are given without prior faculty approval. **There is a 5 point/day penalty for late assignments.**

*It is considered academic dishonesty to copy and/or print quizzes or exams or discuss them with prior, current, or future students. It is also considered academic dishonesty to open a quiz or exam to 'take a look', and report technical difficulty bumped you out of the quiz or test and ask for a reset. Resetting is done only in the event extreme weather or true technical glitches cause a computer disconnection from Blackboard. Faculty can see access times and the quantity of responses that reflect true attempts. Please demonstrate academic integrity at all times.*

SafeAssign is a feature provided by Blackboard 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 SafeAssign. 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 SafeAssign in your course is to ensure you are writing original papers and to encourage you and all students to properly attribute all sources used.

## OTHER POLICIES

### Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www2.uttyler.edu/wellness/rightsresponsibilities.php>

## **Grade Replacement/Forgiveness and Census Date Policies**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date is the deadline for many forms and enrollment actions that students need to be aware of. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

## **State-Mandated Course Drop Policy**

Texas law prohibits a student 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 another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

## **Disability Services**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University offers accommodations to students with learning, physical and/or psychiatric disabilities. If you have a disability, including non-visible disabilities such as chronic diseases, learning disabilities, head injury, PTSD or ADHD, or you have a history of modifications or accommodations in a previous educational environment you are encouraged to contact the Student Accessibility and Resources office and schedule an interview with the Accessibility Case Manager/ADA Coordinator, Cynthia Lowery Staples. If you are unsure if the above criteria applies to you, but have questions or concerns please contact the SAR office. For more information or to set up an appointment please visit the SAR office

located in the University Center, Room 3150 or call 903.566.7079. You may also send an email to [cstaples@uttyler.edu](mailto:cstaples@uttyler.edu)

### **Student Absence for University-Sponsored Events and Activities**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

### **Social Security and FERPA Statement:**

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

## **TECHINCAL 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](mailto: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 Blackboard 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/>

### 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://www.learnthenet.com/learn-about/netiquette/index.php>

**Note: The content of this syllabus is subject to change at the discretion of the faculty leaders according to current learning needs.**

### TS II Course Schedule

Weeks & Dates	Topics	Tasks Due
Week 1 5/23	Quantitative research design & types	Introduction Posts Quiz 1: Quantitative design & types— Chapters 9 & 11 (May 29) Assignment: Concept map of design (May 31)
Week 2 5/30	Evaluating quantitative research	Quiz 2: Evaluating quantitative research— Chapter 10 (June 5) Assignment: EBT to Partner (June5)
Week 3 6/6	Quantitative sampling & data collection	Quiz 3: Sampling—Chapter 12 Quiz 4: Data collection—Chapter 13 (June 12) EBT Continues: Peer Reviews. (June 10) Revise and Submit EBT's. (June 14)
Week 4 6/13	Measurements and Data	Quiz 5: Measurement and data Quality— Chapter 14 (June 19) Assignment: Reliability and Validity (June 21)
Week 5 6/20	Descriptive statistics	Quiz 6: Descriptive Statistics –Chapter 16 Quiz 7: Inferential statistics—Chapter 17 (June 26) Assignment: Descriptive Critique & Inferential Critique (June 28)

Week 6 6/27	Mixed-methods	Quiz 8: Mixed methods—Chapter 25 (July 3) Assignment: Mixed Methods Table (July 5)
Week 7 7/4	EBP	Assignment: Team Work—Clinical scenarios & PICOT questions (July 12)
Week 8 7/11	EBP <b>Last day to withdraw from a course with a W</b>	Assignment: Team Work
Week 9 7/18	EBP	Team Work Continued Team EBP (July 26)
Week 10 7/25	Individual Topic	Assignment: Individual Project (August 2)
Week 11 8/1	Course Reflections	Course Reflections
Week 12 8/8	<b>End of Semester Evaluations</b>	

## TS 2 Calendar Summer 2016

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Week 1		<b>May 23</b> Classes begin	24	25	26	27	28
Week 2	29 Quiz 1	30	31 Concept Map	<b>June 1</b>	2	3	4
Week 3	5 Quiz 2	<b>6</b> Census Date	7 EBT to Partner	8	9	10 EBP Peer review	11
Week 4	12 Quiz 3 & Quiz 4	13	14 Submit EBT	15	16	17	18
Week 5	19 Quiz 5	20	21 Reliability/Validity	22	23	24	25
Week 6	26 Quiz 6 & Quiz 7	27	28 Descriptive/ Inferential Statistics	29	30	<b>July 1</b>	2
Week 7	3 Quiz 8	<b>4</b> Holiday	5 Mixed Methods Table	6	7	8	9
Week 8	10	<b>11</b> Last Day to Withdraw	12 Team EBT Projects Clinical Scenarios & PICOT questions	13	14	15	16
Week 9	17	18	19 Team EBT Projects	20	21	22	23
Week 10	24	25	26 Submit Team EBT Projects	27	28	29	30
Week 11	31	<b>August 1</b>	2 Submit Individual Project	3	4	5	6
Week 12	7	8	9 Course Evaluations	10	11	12	13
<b>End of Semester</b>							