

**NURS 5302 TRANSLATIONAL SCIENCE II**  
 Fall 2015  
 School of Nursing | The University of Texas at Tyler

**FACULTY INFORMATION**

Jerri Post, PhD, RN  
 Office: BRB 1100  
 Office Hours: Online and by appointment  
 Email: [jpost@uttyler.edu](mailto:jpost@uttyler.edu)  
 Phone: 870-260-2276 Cell

Zhaomin He, PhD  
 Office: BRB 1120  
 Office Hours: Online and by appointment  
 Email: [zhe@uttyler.edu](mailto:zhe@uttyler.edu)  
 Phone: 903-566-7220 (Office)  
 806-445-3776 (Cell; NO text)

**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.

Learning Outcomes	Program Objectives	Assessment Methods
Explore quantitative and mixed research designs and methods	Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice	1. Quiz 2. Assignment
Appraise quantitative studies for rigor and use in practice.	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz 2. Assignment
Apply statistical techniques to various types of data.	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz 2. Assignment
Interpret statistical findings for use in practice	Translate, integrate, and disseminate scientific evidence into practice	1. Quiz 2. Assignment 3. Group project 4. Discussion Board

**REQUIRED TEXTS**

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

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

**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>

**Graded items:** Refer to the Blackboard for more detailed information on descriptions, templates, and grading rubrics for specific assessed items. In brief:

Evaluation Method	Topic	Due Date
Quiz	Nursing Theories	Monday - August 31, 2015
Quiz and Assignment	Quantitative Research Design & Types	Monday - September 7, 2015
Quiz and Assignment Pt 1	Evaluating Quantitative Research	Monday - September 14, 2015
Quiz and Assignment Pt 2	Quant Sampling & Data Collection	Monday - September 21, 2015
Quiz and Assignment	Quantitative Measurement	Monday - September 28, 2015
Quiz and Assignment	Mixed-Methods	Monday - October 5, 2015
Quiz and Assignment	Descriptive Statistics	Monday - October 19, 2015
Quiz and Assignment	Inferential Statistics	Monday - October 26, 2015
Group Assignment	Group Research	Monday - November 2, 2015
Group Assignment	Group Research	Monday - November 9, 2015
Group Assignment	Group Research	Monday - November 16, 2015
Group Assignment	Group Research	Sunday - November 22, 2015

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

- Quizzes (8) may be taken two times but must be completed by the due date on the calendar and the two scores are averaged.
- Assignments (7) are due per the course calendar. No extensions are given without prior faculty approval. *There is a 10 point/day penalty for late assignments.*
- The group projects (4) are due per the course calendar. Individual grades will be calculated by multiplying the group grades by the individual contribution percentage as a result of the peer evaluation.

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

*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.

**Email response policy:** While we usually take care of student emails quite well, but allow 24 hours for weekdays and 48 hours for weekends to hear from us. Students will be notified in advance in the case of conference travel and other situations when the Internet access is limited or unavailable. Also, faculty members usually set aside a specific time for their own research, so be aware that responses may be delayed (e.g., to the end of the day) depending on your professor's schedule. Dr. He's research day is Thursday (call her cell number if it is urgent).

**Recommended email format for questions:** In order to make our communication effective and efficient, we prefer that you follow the format below when you email or post about questions.

- Locate your question: Please specify the *Module, Week, and folder* numbers so everyone else will be able to immediately locate where we should look. If it is about a specific test item on one of the quizzes, also specify the question number and copy and paste the question together with its options.
- Describe your question and/or confusion: It will help us greatly if you could identify what the problem is and where the confusing point is. Asking questions is an ability itself. We want you all to develop into strong learners as you learn.
- Initial search for evidence: Also try to include any evidence you collect to help us provide better feedback. The evidence can be (but not limited to) citations of the required readings, resources out of the class, or your own think-aloud processes.

**Grading & feedback timeline:** Allow one week for regular assignments and two weeks for content-loaded assignments. Students will be informed when exception occurs.

## 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 8/24-8/31	Review of theory	Introduction Posts Quiz: Nursing Theories
Week 2 9/1-9/7	Quantitative research design & types	Quiz: Quantitative Design & Types Assignment: Concept Map of Design
Week 3 9/8-9/14	Evaluating quantitative research	Quiz: Evaluating Quantitative Research Assignment: EBT Pt 1
Week 4 9/15-9/21	Quantitative sampling & data collection	Quiz: Sampling & data collection Assignment: EBT Peer Reviews Pt 2
Week 5 9/22-9/28	Quantitative measurement	Quiz: Measurement Assignment: Critique Measurement
Week 6 9/29-10/5	Mixed-methods	Quiz: Mixed methods Assignment: Mixed Methods Table
Week 7 10/6-10/12	Statistics	Review
Week 8 10/13-10/19	Descriptive statistics	Quiz: Descriptive Statistics Assignment: Descriptive Critique
Week 9 10/20-10/26	Inferential statistics	Quiz: Inferential Statistics Assignment: Inferential Critique
<b>10/26</b>	<b>Last day to withdraw from a course with a W</b>	
Week 10 10/27-11/2	Group Research	Group Project Starts Assignment: Group Research Project
Week 11 11/3-11/9	Group Research	Group Project Assignment: Group Research Project
Week 12 11/10-11/16	Group Research	Group Project Assignment: Group Research Project

Week 13 11/17-11/22	Group Research	Group Project Presentation Assignment: Group Research Presentation
Week 14 11/23-11/29	Thanksgiving	No School
Week 15 11/30-12/4	Summary	Learning Reflections
Week 16 12/5 – 12/10	<b>End of Semester Evaluations</b>	