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.

Learning Outcomes	Program Objectives	Assessment Methods
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*. (9th 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%)
		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

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.

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TECHINCAL INFORMATION

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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 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
Quizzes are due on Sunday nights
Assignments are due on Tuesday nights

Weeks & Dates	Topics	Tasks Due
Week 1 8/29-9/6	Quantitative research design & types	Introduction Posts Quiz: Quantitative design & types Assignment: Concept map of design
Week 2 9/6-9/13	Evaluating quantitative research	Quiz: Evaluating quantitative research Assignment: EBT
Week 3 9/13-9/20	Quantitative sampling & data collection	Quiz: Sampling & data collection EBT Continues: Peer Reviews. Revise and Submit EBT's.

Week 4 9/20-9/27	Measurements and Data	Quiz: Measurements and Data Assignment: Reliability and Validity
Week 5 9/27-10/4	Descriptive and Inferential Statistics	Quiz: Descriptive Statistics Quiz: Inferential statistics Assignment: Descriptive Critique & Inferential Critique
Week 6 10/4-10/11	Mixed-methods	Quiz: Mixed methods Assignment: Mixed Methods Table
Week 7 10/11-10/18	Individual Topic	EBP
Week 8 10/18-10/25	Individual Topic	EBP
Week 9 10/25-11/1	Individual Topic	EBP
Week 10 11/1-11/8	Individual Topic **Last day to withdraw from a course with a W**	EBP
Week 11 11/8-11/15	Individual Topic	EBP
Week 12 11/15-11/22	Individual Topic	EBP
Week 13 11/22-11/29	Thanksgiving	Thanksgiving
Week 14 11/29-12/6	Course Reflections	Course Reflections
Week 15 12/6-12/13	**End of Semester Evaluations**	