



Course Syllabus

Course Number: NURS 5389
Course Title: Informatics, Quality & Safety Capstone
includes 112.5 and 200 clinical hours option for Informatics,
Quality & Safety Practicum

Instructor's Name:	Cheryl D. Parker, PhD, MSN, RN-BC, CNE
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Office Hours:	See Canvas calendar for virtual office hours—one-on-one hours by appointment

Course Description

This course is focused on demonstrating critical thinking, self-direction, and competency in the skills needed by healthcare informatics professions entering the profession. Using students' learning from the prerequisite courses, a series of real-world work products will be created based on unfolding case studies using simulated data sets. Students will work in one or more consulting team(s) however; a portfolio of their individual work will be created as exemplars for the future.

Course Credit and Clock Hours: 3 credit hours (3 clock hours per week) plus either 112.5 or 200 of competency-based practicum hours. Students must provide a time/activity log documenting a minimum of 112.5 hours to successfully complete this course.

Class Time: Primarily asynchronous in Canvas Learning Management System; Student will keep a time/activity log of all activities and provide a weekly status report to their instructor/mentor using a provided template.

Prerequisites: NURS 5381, NURS 5383, NURS 5385, NURS 5387 unless otherwise approved by program coordinator.

Instructor Information: See Canvas

Nursing Organization Mappings

- American Association of Colleges of Nursing (AACN) MSN Essentials V
- Quality and Safety Education for Nurses (QSEN) Competencies: Informatics

Program Student Learning Objectives

At the completion of the MSN-IQS degree program, the graduate will be able to:

1. Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice;
2. Apply organizational and systems leadership principles and methods for the promotion and evaluation of quality, ethical, and safe patient care;
3. Translate, integrate, and disseminate scientific evidence into practice;
4. Utilize technologies to deliver, enhance, integrate, and coordinate communication, education, and patient care;
5. Intervene at the systems level through the policy development process and employ advocacy strategies to influence health care;
6. Manage care through collaboration with other health care professional as a member and leader of health care teams; and
7. Integrate organizational client centered concepts to provide preventive and population-based care.

Course Learning Objectives

Upon successful completion of this course, the student will be able to:

1. Demonstrate critical thinking and self-direction required as an informatics professional. (SLO #1 & 2)
2. Demonstrate advanced data analysis skills (SLO #1 & 3)
3. Working in a consultant model, complete competency skill projects when provided with case scenarios. (SLO #1 & 6)
4. Write a business report of each project including an executive summary. (SLO #2 & 4)
5. Present a summary of their project in webinar format. (SLO #2)
6. Provide constructive feedback to their peers. (SLO #4 & 6)

Course Topics

Module	Subject
1	Introduction, Objectives and Course Overview – Competency Plan Developed
2	Quality (Required)
3	Safety (Required)
4	Nursing Informatics -Data Analysis Case Studies (Required)
5	Optional Opportunities (based on individual experience needs)

Required Textbooks/Materials

All students will need **In Place clinical placement** subscription and **EHR Go subscriptions**. If you already have these subscriptions which covers your time in this class, you are good to go. If not, you need to purchase one through the UT Tyler Bookstore or directly from the vendor.

InPlace clinical placement/record of hours. Subscription available from UT Tyler Bookstore or from vendor at <https://uttyler-us.inplacesoftware.com/signon/account/login?returnUrl=%2Fsignon%2F>

EHR Go – academic electronic health record subscription. Subscription available from UT Tyler Bookstore or from vendor at <https://web21.ehrgo.com/register> you will receive the Program Key at Course Orientation in Week 1.

Recommended Textbooks/Materials

Depending on selected experiential learning by each student. Do not order any books in this section until individual competency plan has been developed:

Course Schedule

- Census Date: September 11, 2020
- Mid-Term Exam: October 12-18, 2020
- Last Date to Withdraw: November 3, 2020
- Final Exam Date: December 7-12, 2020

Grades and Grading

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

Criteria for Evaluation:	Percentage of Grade
Participation	5%
Required Webinars	10%
Completed Required Competency Assessments (EHR Go)	50%
Bi-weekly Time/Activity Log with Status Reports (In Place)	10%
Optional Competency Projects for remaining clinical hours	15%
Final Reflection	10%
Total	100%

Clinical Hours

Students must obtain the required 112.5 hours to successfully pass this course. Students wishing to meet the current eligibility to sit the ANCC Informatics Nursing certification exam must obtain 200 clinical hours.

Academic Integrity

Students are expected to assume full responsibility for the content and integrity of all academic work submitted. Refer to the ***Graduate Nursing Student Guide*** for policies regarding conduct and discipline.

Assignments Turn-In Process

All assignments will be submitted through the “Assignments” tab or can also be submitted in the Modules tab in Canvas unless otherwise indicated. Please use the following process to prepare and submit assignments:

- Prepare your assignment using Microsoft Word unless otherwise directed.
- Access the “Assignments” tab (or in the Modules tab) and click on the Assignment link.
- If you need more instructions on “how-to” submit files through the assignment link, please read the Canvas Help for Students located in the Tools area.

Assignments are a major part of the course work and should receive appropriate attention. All assignments must meet the standards for graduate-level work (spelling, punctuation, syntax, grammar, content, and most of all scholarlyness). It is expected that all assignments will be completed promptly, unless arrangements have been made by you and your faculty. Five (5) points will be deducted for each day an assignment is late.

Written Assignments

Turnitin is a feature provided by Canvas that is designed to detect plagiarism or non-original student work. This feature is set up 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.

All submitted written material (papers, assignments, examinations, etc.) are the property of the School of Nursing and will be maintained in an archived file at UT Tyler.

Participation Expectations and Discussions Assignments

- Each student participant is responsible for participating in the asynchronous discussions for each Discussions post. This participation will include posting answers to questions posed by the instructor and replying to other participants' postings.
- Discussion postings should be made in a timely manner. Deadlines are listed in the Course Schedule. Please note that all discussion postings must be completed by 11:59 pm Central Standard Time on the due date.
- Participants should plan on entering the Discussion area at least three times a week to read and comment on others' postings. Posting answers to the questions posed in the Discussion area should be done in advance of the deadline to allow other participants to have the opportunity to comment. The requirements for postings and responses to your peers are listed in each discussion assignment and may vary based on the discussion.

You may check your grades at any time on the Canvas website. Feedback on assignments will be provided via the grade book.

Email Communications

All students are required to use their student **Patriot email accounts** for all correspondence (Approved FO: 2/03). To communicate by email within the course with other participants or all participants, click the Tools

link on the left side of the Canvas frame. Click Send E-mail to send a message. You can send messages to All Users or Select Users in the course, including the instructor. Faculty will not respond to personal email (e.g., Gmail, Yahoo, Hotmail, AOL, ATT accounts, etc.). Please comply with University Policy regarding electronic communication. Your instructor's work email is listed in Canvas as a backup option.

Questions or problems other than technical problems may be submitted to the email address above. For technical issues, please refer to the Technical Information/Technical Support in this Syllabus.

Technical Information

The following information should be included in your syllabus to give direction to the students on how to obtain technical support should problems arise with Canvas. Also included is a short list of browser plug-ins and other suggested applications that students should make sure they have installed and/or updated.

Technical Support

If you experience technical problems or have a technical question about this course, please consult Campus Computing Services via the web at <http://www.uttyler.edu/ccs/help.php> or via email at itsupport@patriots.uttyler.edu or phone 903.565.5555.

When you email IT Support, please 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 HYPERLINK "<http://wiki.uttyler.edu/display/B8H/Home>" 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/>
- **Zoom** is a FREE cloud-based service that provides a simple solution for online meetings and video conferences. You can use Zoom to communicate with your instructor and classmates. Follow this link to set up your account: <https://uttyler.zoom.us>
- **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>

<https://www.uttyler.edu/online/files/netiquette.pdf>

University Policies (Updated January 2018)

<http://www.uttyler.edu/academicaffairs/syllabuspolicies.pdf>

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do. 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://www.uttyler.edu/wellness/rightsresponsibilities.php>

Campus Carry

We respect the right and privacy of students 21 and over 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>

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

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 of which students need to be aware. 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/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities Revised 01/18

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.

Emergency Exits and Evacuation

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services. Student Standards of Academic Conduct Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. "Cheating" includes, but is not limited to:

- copying from another student's test paper;
- using, during a test, materials not authorized by the person giving the test;
- failure to comply with instructions given by the person administering the test;
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- collaborating with or seeking aid from another student during a test or other assignment without authority;
- discussing the contents of an examination with another student who will take the examination;
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;

- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.

iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by plagiarism software.

UT Tyler Resources for Students

- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu
- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254)

UT Tyler School of Nursing Computer Requirements

<http://www.uttyler.edu/nursing/college/student-resources.php>