The University of Texas at

TYLER

School of Nursing

Spring 2022

Course Number:	NURS 5389 / 5399*
Course Title:	Informatics, Quality & Safety Capstone
	includes 112.5 and 200 clinical hours option for Informatics, Quality & Safety Practicum

*5399 course number if course is taught as an independent study course

Course Faculty

See information in the Canvas syllabus page – faculty information redacted for web version

Instructor's Name:	
Office Address:	
Telephone:	
Preferred Email:	
Office Hours:	

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 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

Updated Decmeber 2021

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)
6	Personalized Clinical Experience
7	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 Subscription

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 subscriptions

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:

For advanced Excel data analysis:

McFedries, P. (2018) Excel Data Analysis For Dummies.

        ISBN 10 – 1119518164

        ISBN 13 – 978-1119518167

Course Schedule

- Census Date: January 10, 2022
- Mid-Term Exam: none
- Last Date to Withdraw: March 21, 2022
- Final Exam Date: none
- Final Filing Date for Spring Graduation: March 1, 2022

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%
Required Clinical Informatics, Quality & Safety Activities (EHR Go)	25%
Required Writing Skills for the Informatics Nurse Specialist	25%
Time/Activity Log with Status Reports (In Place)	10%
Achievement of 112.5+ clinical hours	15%
Final Learning 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 a minimum of 200 clinical hours. Planning for individual clinical informatics experiences will take place in Week 1 of the course.

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 scholarliness). 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

Unicheck 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 Unicheck. 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 Unicheck 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.

School of Nursing Policies and Additional Information:

https://www.uttyler.edu/nursing/college/student_guide_and_policies.php

12/2021 COVID Update:

"The COVID-19 situation continues to be fluid, with SON and university policies and procedures changing in response. Please keep apprised of the most recent updates through your SON program site in Canvas (faculty could put link here specific to BSN, MSN, DNP, Ph.D.) and the university website (*https://www.uttyler.edu/coronavirus/*)"

Student Resources & University Policies

Updated Student Resources & University Policies and Information are available in the Canvas course Syllabus Module.