Informatics, Quality & Safety Capstone
NURS 5389
Spring 2025

Scheduled Class Days and Times: Online

Instructor's Name: Robert "Ric" Campbell DNP, RN, NI-BC
Office: Virtual
Phone: 903.566.7320 (UT SON)
Email: rcampbell@uttyler.edu
Virtual Office Hours: Mondays from 6:00 pm – 9:00 pm CST (by appointment for phone call or video conference). Additional days and times may be arranged upon request. Please email faculty to make arrangements/obtain Zoom link.
*Best way to contact me.

Course Description: This course is focused on demonstrating critical thinking, self-direction, and competency in the skills needed by healthcare informatics professionals 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.

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

Student Learning Outcomes:

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

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

Required Materials:

All students must have access to the following software applications:

- Microsoft Word, Excel 365, and PowerPoint for PC/Mac desktop

- All students will need an **In Place clinical placement or Exxat clinical placement** 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 (only for section numbers that do not begin with a P)

- InPlace clinical placement/record of hours. Subscription available from UT Tyler Bookstore or from vendor at https://uttyler-us.inplacesoftware.com/

Exxat Account (only for section numbers that begin with a P)

- Exxat clinical placement/record of hours. Go to https://steps.exxat.com to set up an account.

EHR Go subscriptions (all course sections)

- 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.

OtherTextbooks/Materials

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

Instructions will be found in Canvas and reviewed during the course orientation webinar. Depending on student choices during the course, other resources may be required.

Other learning materials will be provided in the Canvas course.

Recommended Textbooks and Readings:

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). Washington, D.C.: Author.
ISBN-13: 9781433832161

Assignments and Weights/Percentage/Point Values

Criteria for Evaluation	Percentage of Grade
Required Clinical Informatics Activities (EHR Go) Minimum 80% score on all activities	30%
Required Clinical Quality Activities (EHR Go) Minimum 80% score on all activities	20%
Required Clinical Safety Activities (EHR Go) Minimum 80% score on all activities	20%
Community Informatics experience Minimum 80% score on all activities	20%
Final Reflection	10%

Minimum 112.5 clinical hours achieved and appropriately logged in.	Pass/Fail
Total	**100%**

Grading Scale:

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

Grades will not be rounded when calculating the average (79.5 is not rounded to 80, and 89.5 is not rounded to 90). Students are required to achieve an average of 80% (B) to complete the course successfully.

Academic Integrity: Cheating of any kind, as defined in Section 8 of the UT Tyler Manual of Policies and Procedures (MOPP) for Student Affairs (https://www.uttyler.edu/mopp/), will not be tolerated. Consequences may include:
- reprimand
- exam failure
- course failure
- expulsion from the Nursing program
- expulsion from the University
- other consequences as assigned

Exam and homework materials, questions, and problems are the intellectual property of faculty, UT Tyler, or publishers.
- These materials may not be distributed without permission.
- Distributing or uploading them to online resources destroys the integrity of the assignment and the course, allowing others an unfair advantage by letting them view the materials.
- Uploading these materials to online resources is a violation of UT Tyler's academic misconduct policies and may result in formal conduct charges.
- Sanctions for uploading or otherwise divulging the contents of these materials can include:
  - a reduced or failing grade on an assignment
  - a reduced or failing grade for the course
  - removal from the Nursing program
  - removal from UT Tyler

Late Policy: 5% will be deducted each day an assignment is past due unless prior arrangements have been made with your course faculty. Extenuating circumstances may apply.

Repeating a Course: Students repeating this course may not use previously submitted assignments nor utilize the same patients for an assignment. Submitting the same or slightly modified assignments from previous semesters is considered self-plagiarism and is subject to academic discipline, including failing the assignment or the course.

Attendance and Make-up Policy: Attendance/participation is expected. Make-up for exams, quizzes, assignments, and missed clinical time is at the instructor's discretion.

Graded Course Requirements Information:

The following is an overview of the major graded assignments.

In this class, students will complete clinical hours (112.5 hours minimum) by demonstrating their competencies in three required areas – quality, safety, and informatics. Multiple simulated activities in these areas must be completed with a minimum of 80 out of 100 possible points for successful completion.

There is also a community informatics learning experience that is unique to each student. A minimum of 16 clinical hours. Details will be provided in the Canvas course and during course orientation.

Please Note: Detailed information, along with grading rubrics for course assignments, will be provided in Canvas.

Important Course Dates:

Classes Begin: May 5, 2025
Census Date (withdraw without penalty): May 19, 2025
Last Date to Withdraw: July 8, 2025. Students, please notify your course faculty and contact your advisor.
Final Exam: N/A

Course Topics
Assignments may be based on current events in nursing informatics and are subject to change by instructors. Go to the Syllabus Page in Canvas for links.

Module dates are not provided as part of the competency demonstration is the ability for students to project manage their course.

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	Personalized Clinical Experience – Community Informatics
6	Optional Opportunities (based on individual experience needs)

School of Nursing Policies and Additional Information:

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

Student Resources and University Policies are provided in Canvas.

University Guidelines on the Use of Artificial Intelligence applications by faculty and students
UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

For this course AI is encouraged during the course, and appropriate acknowledgment is expected. You are encouraged to explore using artificial intelligence (AI) tools, such as Copilot, for assignments and assessments. Any such use must be appropriately acknowledged and cited, following the guidelines established by the APA Style Guide, including the specific version of the tool used. The submitted work should include the exact prompt you used to generate the content and the AI's complete response as an appendix. Because AI-generate content is not necessarily accurate or appropriate, you must assess the validity and applicability of any submitted AI output. You will not earn full credit if inaccurate, invalid, or inappropriate information is found in your work.
APA Style Citation Information