



Nursing Informatics Quality and Safety
NURS 5383
Fall 2026 (Second Flex Session)

Scheduled Class Days and Times: Online

Instructor's Name: Amy Svensson, DNP, RN

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Office Hours: Virtual Office Hours: Tuesdays 5:30 – 7:30 pm and Sunday 09:00 am – 10:00 am CST by appointment for phone call or video conference. Additional days and times may be arranged upon request. Please email the faculty to make arrangements and obtain a Zoom link.

*Best way to contact me- UT email

Course Description: This course explores healthcare quality and patient safety and the role of informatics in improving quality and safety.

Prerequisites: None

Student Learning Outcomes:

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

1. Demonstrate a foundational understanding of the quality improvement process and patient safety.
2. Analyze patient scenarios using quality improvement evaluation.
3. Plan a communication or technology intervention to address an issue in a clinical workflow.
4. Select and analyze population health data from a national database and recommend an action plan for health improvement.
5. Explore the various ways emerging technologies are being used in healthcare to improve patient outcomes

Required Textbooks and Readings:

1. Sherwood, G., & Barnsteiner, J. (Eds.). (2022). *Quality and safety in nursing : A competency approach to improving outcomes 3rd edition*. John Wiley & Sons, Incorporated.

ISBN-13: 9781119684459

Used or Rental is acceptable – no requirement to use online resources

2. McGonigle, D. & Mastrian, K. G. (2025) *Nursing informatics and the foundation of knowledge 6th edition*. Burlington, MA: Jones & Bartlett Learning

ISBN-13: 978-1284293432

Used or Rental is acceptable – no requirement to use online resources

Note: UT Tyler Library has access to 3 copies of the e-book. This means you can access the book for free, but only 3 students can be using the book at a time; otherwise, it becomes unavailable until a student closes the ebook. Access at [UT Tyler e-book link](#)

3. American Nurses Association (2022). *Nursing Informatics: Scope and Standards of Practice, 3rd Edition*. Silver Springs, MD: American Nurses Association

ISBN-13: 978-1953985002

Used is acceptable

Note: Available for free through UTT Library at [Link to free UT Tyler e-books.](#)

Recommended Textbooks and Readings:

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

ISBN-13: 9781433832161

Note: Available to all UTT students for free at <https://stylemanual.apa.org/dashboard>.

Scroll to the bottom section “Open Athens” and select the University of Texas at Tyler from the drop-down menu. You will then be able to login with your UTT username and password. The e-book allows you to highlight and make bookmarks. There are even lessons available on how to do common tasks.

Assignments and Weights/Percentage/Point Values

Criteria for Evaluation:	Percentage Weight of Grade
Discussions	30%
Module Quizzes	30%
Other Assignments	40%
50 practice hours completed successfully and approved through Exxat (refer to the Pass/Fail Course Requirements Information Section)	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

Artificial Intelligence: 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 permitted for specific assignments or situations, as indicated by your course faculty. Appropriate acknowledgment of AI use is required. Learning how to use AI is an emerging skill, and we will work through the limitations of these evolving systems together. To uphold academic integrity and the spirit of scholarly pursuit, when you utilize any generative AI tools to help with the completion of an assignment, it must be properly documented (which tool was used and how it was used). For any assignment requiring [APA formatting and citation style](#) (or other approved style), use the appropriate Style Guide to cite and reference the use of the generative AI tool. Specific assignments may require additional details; see assignment instructions.

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.

Discussions: Discussion Board assignments cover topics of importance in nursing informatics related to course content. Responses to peers should be substantial. When discussion boards or peer responses must follow a certain format, the details are provided in the instructions and rubric.

Module Quizzes: Most modules will have quizzes addressing content covered in the required videos and readings. The module quizzes may be taken as many times as the student wishes (unless specified otherwise). There is no time limit to each attempt; however, there is no save and return function. A minimum of 80 out of 100 possible points is expected for successful completion.

Other assignments: This includes various other assignments that demonstrate a working understanding of the content covered. The instructions and grading criteria rubric in Canvas detail what is expected.

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

Pass/Fail Course Requirements Information:

If Fall 2025 or thereafter marks your first enrollment in the UT Tyler School of Nursing master's or certificate program, you are required to complete 50 practice hours for this course. If you are in the Nursing Informatics, Quality, and Safety master's program, these hours will count toward the total required 500 hours. You may not resubmit hours approved for this course in another course. We have created a list of ideas for you to choose from that will enhance your skills and competencies. These practice hours are mandated by our accreditation agency, the Commission on Collegiate Nursing Education (CCNE). Completion of 50 practice hours approved through Exxat are required to pass the course.

Important Course Dates:

Classes Begin: October 19, 2026

Census Date (withdraw without penalty): October 23, 2026

Last Date to Withdraw: November 18, 2026

Students, please notify your course faculty and contact your advisor.

Final Exam: N/A

NURS 5383 Informatics Quality and Safety – 7-week course					
School of Nursing Academic Calendar: https://www.uttyler.edu/academics/academic-calendar-25-26/academic-calendar-school-of-nursing.php					
Dates	Topics	Readings	Due Date	Assignments Due (all students)	Students started prior to Fall 2025
Preview Oct 15	Preview Days Getting Started	UT Tyler syllabus		The Canvas course is open and ready for viewing. No assignments due this week	
Week 1 Oct 19	Welcome Module 1 Introduction to Quality Improvement	Sherwood & Barnsteiner, (2022) Ch. 1 Driving Forces for Quality and Safety: Changing Mindsets to Improve Health Care (pp. 3-32) ANA Informatics Scope and Standards, (2022) pp. 90-116	Oct 21	Graduate Affirmation Forms Discussion Board: Class Introductions (initial post)	
			Oct 25	Course Orientation Various Attestations Discussion Board: Class Introduction (reply to peers) Quiz: Unit Quiz	Quiz- PowerPoint Basics (Units 1-4)
Week 2 Oct 26	Module 2 Quality Measures, Methodologies & Outcomes	Sherwood & Barnsteiner, (2022) Ch. 2 Policy Implications Driving National Quality and Safety Initiatives (pp. 33-62) Ch. 7 Evidence-based Practice (pp. 185-212) McGonigle & Mastrian, (2025) CH. 14 (pp. 295 - 322)	Oct 28	Discussion Board: Healthcare Quality, Informatics, Quality and Safety Policy (initial post)	
			Nov 1	Discussion Board: Healthcare Quality, Informatics, Quality and Safety Policy (reply to peers) Quiz: Unit Quiz	Quiz- Working with Slides (Units 5-12)
Week 3 Nov 2	Module 3 Patient Safety, Triple Aim	Sherwood & Barnsteiner, (2022) Ch. 6 Quality Improvement (pp.155-184) McGonigle & Mastrian, (2025) CH. 15 (pp. 323 - 354)	Nov 8	Assignment: Patient Safety Assignment - Fishbone, 5 Whys, PDSA Quiz: Unit Quiz <i>For those who took their first course in the MSN program Fall 2025 or thereafter</i> Survey	Quiz- Text and Objects (Units 13-19)

				Practice Hours Mid-semester Log Status	
Week 4 Nov 9	Module 4 Workflow / Process Analysis	Sherwood & Barnsteiner, (2022) Ch. 8 Safety (pp. 213-238) McGonigle & Mastrian, (2025) CH. 13 (pp. 271 -290) Vide training videos (in Canvas)	Ov 11	Discussion Board: Systems Thinking, Workflows, Patient Safety (initial post)	
			Nov 15	Discussion Board: Systems Thinking, Workflows, Patient Safety (reply to peers) Quiz: Unit Quiz	Quiz- More Objects (Units 20-24)
Week 5 Nov 16	Module 5 Change Leadership	Sherwood & Barnsteiner, (2022) CH. 9 Informatics (pp. 239-266) CH. 16 Leadership to Create Change (pp. 441-464)	Nov 22	Quiz: Unit Quiz	Quiz- Collaboration and Reviewing (Units 25-27)
Thanksgiving Break November 23-27					
Week 6 Nov 30	Module 6 Population Health and Informatics	Sherwood & Barnsteiner, (2022) CH. 4 Person/Family-Centered Care (pp. 85-130) P. 473 Appendix. B- Quality and Safety Education for Nurses Graduate / Advanced Practice Nursing Competencies (Pt. centered care, Informatics) McGonigle & Mastrian, (2025) CH. 16 (pp. 355 – 376) CH. 17 (pp. 377 – 398) CH. 18 (pp. 399 – 430) Review Population health public data sets. <i>Suggested links are in Canvas.</i>	Dec 2	Assignment Presentation: A Systems Approach for Quality Improvement Discussion Board: Peer Feedback on Assignment (initial post)	
			Dec 6	Discussion Board: Peer Feedback on Assignment (reply to peers) Survey: GET PHIT Introduction to Public Health <i>For those who took their first course in the MSN program Fall 2025 or thereafter</i> Practice Hours 50 practice hours due (submitted in Exxat) Survey Practice Hours Due	Quiz- Customizing Your Presentation (Units 28-33)
Week 7 Dec 7	Module 7	Sherwood & Barnsteiner, (2022)	Dec 12 (Sat)	Quiz: Unit Quiz	

	Caring and Healthcare Technology Trends	CH.14 Interprofessional Approaches to Quality and Safety Education pp. 385-410 McGonigle & Mastrian, (2025) CH. 24 (pp. 581 – 596)		Survey: Reflection on Learning	
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School of Nursing Policies and Additional Information:

https://www.utt Tyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas.