



Nursing Informatics: Roles, Theory, Ethics and Legal Perspectives
NURS 5381
Summer 2026 (First Flex Session)

Scheduled Class Days and Times: Online

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Office Hours: Virtual Office Hours: Thursday from 7-10 pm 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/Teams link.

*Best way to contact me.

Course Description: Provides introductory principles to understand conceptual and theoretical basis for information management in healthcare informatics.

Prerequisites: None

Student Learning Outcomes:

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

1. Explain the historical and current role of the informatics professional in the healthcare setting.
2. Analyze healthcare environments to determine how informatics and technology can support organizational needs and a caring environment.
3. Utilize select theories that guide the application of informatics in healthcare delivery and education.
4. Appraise local, federal, and state policies' impact on health data and technology, and recommend changes.
5. Analyze legal and ethical issues within the health care system as it relates the use of information, information technology, and communication networks in various healthcare settings.
6. Examine strategies to ensure privacy and security when using communication and information technology.
7. Critically appraise the effectiveness of information and communication tools on interprofessional collaboration.

Required Textbooks and Readings:

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

ISBN-10: 1284293432

ISBN-13: 978-1284293432

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

This text is also used in NURS 5381, 5383, 5385, 5387, and 5389

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

<https://ebookcentral.proquest.com/lib/uttyler/detail.action?docID=31072104>

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

ISBN-10: 1953985009

ISBN-13: 978-1953985002

Used is acceptable – no requirement to use online resources

This text is used in NURS 5381, 5383, 5385, 5387, and 5389

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: the APA 7th edition Online Manual is now available to all students for **free!**

at <https://stylemanual.apa.org/dashboard>. For off campus access, 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 (<i>only required for students starting a MSN or certificate program in Fall 2025 or thereafter</i>)	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.

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: May 11, 2026

Census Date (withdraw without penalty): May 15, 2026

Last Date to Withdraw: June 15, 2026

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

Final Exam: N/A

NURS 5381 Nursing Informatics: Roles, Theory, Ethics and Legal Perspectives – 7 week course					
School of Nursing Academic Calendar: https://www.uttyler.edu/academics/academic-calendar-25-26/academic-calendar-school-of-nursing.php					
Week #	Class Topic	Readings	Due Date	Assignments Due	Students admitted prior to Fall 2025
Preview May 7	Preview Days Getting Started	UT Tyler syllabus module		The Canvas course is open and ready for viewing. No assignments due this week.	
Week 1 May 11	Getting Started Modules Module 1 Course Introduction and Welcome	Nursing Informatics Resources	May 13	Graduate Affirmation Forms Discussion Board: Class Introductions (initial post)	
			May 17	Course Orientation Various Attestations Discussion Board: Class Introduction (reply to peers)	
Week 2 May 18	Module 2 Professional Practice	McGonigle & Mastrian, (2025) CH. 1 (pp. 7-20) CH. 6 (pp. 109-134) Ch. 7 (pp. 135-152) ANA Informatics Scope and Standards, (2022) Introduction, Scope of Practice, and Value Statements (pp. 1-8) Professional Practice Areas (includes seven categories) (pp. 27-46) Additional reading and module videos listed in Canvas	May 20	Discussion Board: Professional Practice (initial post)	
			May 24	Discussion Board: Professional Practice (reply to peers) Module 2 Attestation: Nursing Informatics Practice Quiz: Unit Quiz	Quiz: Word Basics (Units 1-4)

Week 3 May 25	Module 3 Methodologies, Theories & Ethics	<p>McGonigle & Mastrian, (2025) CH. 2 (pp. 21-36) CH. 3 (pp. 37-64) CH. 4 (pp. 65-76) CH. 5 (pp. 77-102)</p> <p>ANA Informatics Scope and Standards, (2022) Metastructures, Concepts, and Tools of Nursing Informatics (pp. 8-17) Ethics in Nursing Informatics (pp. 55-59)</p> <p>Additional readings listed in Canvas</p>	May 31	<p>Assignment: Presentation: Utilization of nursing informatics theories</p> <p>Discussion Board: Utilization of nursing informatics theories (initial post)</p> <p>Quiz: Unit Quiz</p> <p><i>For those who took their first course in the MSN program Fall 2025 or thereafter</i></p> <p>Survey Practice Hours Mid-semester Log Status</p>	Quiz: Working with Text (Units 5-11)
Week 4 June 1	Module 4 Rules, Regulations, and Requirements	<p>McGonigle & Mastrian, (2025) CH. 8 (pp. 153-176) CH. 12 (pp. 251-270)</p> <p>ANA Informatics Scope and Standards, (2022) New and Emerging Federal Regulations (pp. 73-78)</p> <p>Module videos in Canvas</p>	June 3	Discussion Board: Utilization of nursing informatics theories (reply to peers)	
			June 7	<p>Assignment: Paper: Ethical issues related to technology</p> <p>Quiz: Unit Quiz</p>	Quiz: Layout and Printing (Units 12-17)
Week 5 June 8	Module 5 Evidence-Based Practice and Informatics	<p>McGonigle & Mastrian, (2025) CH. 21 (pp. 515-528) CH. 23 (pp. 553-576)</p> <p>Additional readings listed in Canvas</p>	June 10	Discussion Board: Analysis of Evidence (initial post)	
			June 14	<p>Discussion Board: Analysis of Evidence (reply to peers)</p> <p>Quiz: Unit Quiz</p>	Quiz: Working with Objects (Units 18-24)
Week 6 June 15	Module 6 Interprofessional Collaboration	<p>McGonigle & Mastrian, (2025) CH. 19 (pp. 435-474) CH. 20 (pp. 475-510)</p>	June 17	Discussion Board: Using strengths in a team setting (initial post)	

	and Informatics in Education	View training videos (in Canvas)	June 21	<p>Discussion Board: Using strengths in a team setting (reply to peers)</p> <p>Quiz: Unit Quiz</p> <p><i>For those who took their first course in the MSN program Fall 2025 or thereafter</i></p> <p>Practice Hours 50 practice hours due (submitted in Exxat)</p> <p>Survey Practice Hours Due</p>	<p>Quiz: Collaboration and Reviewing (Units 25-30)</p> <p>Quiz: Doing More with Word (Units 28-30)</p> <p>Assignment: Use Mail Merge</p> <p>Assignment: Trifold brochure</p>
Week 7 June 22	Module 7 Health Information Technology (HIT) Teams	View training videos (in Canvas)	June 27	<p>Quiz: Unit Quiz</p> <p>Survey: Reflections</p>	

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.