



**Nursing Informatics Leadership and Project Management
NURS 5385
Fall 2026 (First Flex Session)**

Scheduled Class Days and Times: Online

Instructor's Name: Martha Badger, PhD, RN, NI-BC ([Section P060](#))

Office: Virtual

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Email: mbadger@uttyler.edu*

Office Hours: Virtual Office Hours: Fridays 1-4 pm CT (see Canvas--by appointment for a phone call or video conference). Additional days and times may be arranged upon request. Please email the faculty to make arrangements/obtain a Zoom link.

*Best way to contact me.

Instructor's Name: Janice Miles, PhD, RN, NI-BC ([Section P061](#))

Office: Virtual

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Office Hours: Virtual Office Hours: Tuesdays 4-5 pm, Wednesdays and Thursdays 9-10 am CT (see Canvas--by appointment for a video conference. Additional days and times may be arranged upon request)

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Course Description: This course is focused on preparing the students for all facets of information system procurement and implementation as a project manager. This course prepares the student to function as a project team leader during the implementation of a clinical information system and to participate in system evaluation and maintenance.

Prerequisites: None

Student Learning Outcomes:

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

1. Create evidence-based training for information and communication technology.
2. Use principles of project management to deliver, enhance, integrate, and coordinate communication, education, and patient care technologies in the healthcare settings.
3. Evaluate as a leader and project manager both systems level and federal level policy affecting technology and healthcare.

4. Evaluate the human-technology interface and the impact on technology or communication implementation
5. Propose a project plan for the selection and implementation of an information or communication technology.

Required Textbooks and Readings:

1. Garcia-Dia, J. (2018). *Project management in nursing informatics*. Springer Publishing Company.

ISBN-13: 978-0826164346

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. You can also download PDF Chapters to keep. Access at

<https://openurl.ebsco.com/openurl?sid=ebsco:plink:mosaic&id=ebsco:nlebk:2031269>

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

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

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

<https://openurl.ebsco.com/openurl?sid=ebsco:plink:mosaic&id=ebsco:nlebk:3262640>

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 (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 include quizzes that address 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 per 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: These include various assignments that demonstrate a working understanding of the covered content.

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: August 27, 2026

Census Date (withdraw without penalty): September 2, 2026

Last Date to Withdraw: September 30, 2026

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

Final Exam: N/A

NURS 5385 Nursing Informatics Leadership and Project Management – 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 (all students)	Due Date	Assignments Due (all students)	Students started <u>prior to</u> Fall 2025
Preview Aug 27	Preview Days Getting Started	UT Tyler syllabus		The Canvas course is open and ready for viewing. No assignments due this week.	
Week 1 Aug 31	Getting Started Modules	Garcia-Dia (2018) Chapter 2 (pp 33-68) Chapter 3 (pp 69-92)	Sept 2	Graduate Affirmation Forms Discussion Board: Class Introductions (initial post)	
	Module 1 Course Introduction and Getting Started with Project Management		Sept 6	Course Orientation Various Attestations Discussion Board: Class Introduction (reply to peers) The Project Management Game Quiz: Unit Quiz	Attestation: Complete form to request a Team site. Video: Collaboration tools
Week 2 Sept 7	Module 2 Interoperability, Project Initiation, and Project Planning	Garcia-Dia (2018) Chapter 4 (pp 93-114) Chapter 5 (pp 115-150) View training videos (in Canvas)	Sept 9	Attestation: Verify Qualtrics Access	
			Sept 13	Assignment: Gantt Chart for Project Planning Quiz: Unit Quiz	Assignment: Microsoft Teams

Week 3 Sept 14	Module 3 Methodologies, Theories & Ethics	Garcia-Dia (2018) Chapter 6 (pp 151-193) McGonigle & Mastrian (2025) Chapter 9 (pp 183-198) Chapter 10 (pp 199-222) ANA Nursing Informatics Scope and Standards of Practice (2022) Project Management (p. 30-32) Systems Development Life Cycle (p. 32-33) Other readings in Canvas	Sept 20	Attestation: Video: Using Qualtrics to Design & Build a Survey Instructions Assignment: Creating a Design Book and Qualtrics Draft Quiz: Unit Quiz <i>For those who took their first course in the MSN program Fall 2025 or thereafter</i> Survey Practice Hours Mid-semester Log Status	
Week 4 Sept 21	Module 4 Rules, Regulations, and Requirements	Garcia-Dia (2018) Chapter 7 (pp 195-220) Chapter 8 (pp 221-252) McGonigle & Mastrian (2025) Chapter 11 (pp 223-250)	Sept 23	Discussion Board: Project Management – Executive Brief First Steps (initial post)	
			Sept 27	Attestation: The RISE Model – Giving Peer-to-Peer Feedback Discussion Board: Project Management – Executive Brief First Steps (reply to peers) Quiz: Unit Quiz	
Week 5 Sept 28	Module 5 Evidence-Based Practice and Informatics	Garcia-Dia (2018) Chapter 9 (pp 253-299) Chapter 10 (pp 301-322) View ONC Training Videos (in Canvas)	Oct 4	Quiz: Unit Quiz	

Week 6 Oct 5	Module 6 Interprofessional Collaboration and Informatics in Education	Garcia-Dia (2018) Chapter 11 (pp 323-339) Chapter 12 (pp 341-366)	Oct 11	Assignment: Executive Brief: A Project Proposal for Selecting and Implementing a Healthcare Information or Communication Technology (ICT). Quiz: Unit Quiz <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	Assignment: Qualtrics – Revise & Distribute Qualtrics Survey, and additional features.
Week 7 Oct 12	Module 7 Health Information Technology (HIT) Teams	Garcia-Dia (2018) Chapter 13 (pp 367-398) Other readings in Canvas	June 27 (Sat)	Quiz: Qualtrics – Survey Data Results and Reporting Unit Quiz Survey: Reflection on Learning	

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.