



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

**Scheduled Class Days and Times: Online**

**Instructor's Name:** Martha Badger, PhD, RN, NI-BC

**Office:** Virtual

**Phone:** 903.566.7320 (UT SON)

**Email:** [mbadger@uttyler.edu](mailto: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.

**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

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

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>

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 – 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 7<sup>th</sup> edition Online Manual is now available to all 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
<b>Total</b>	<b>100%</b>

### 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**: 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

<b>NURS 5385 Nursing Informatics Leadership and Project Management – 7 week course</b>					
School of Nursing Academic Calendar: <a href="https://www.uttyler.edu/academics/academic-calendar-25-26/academic-calendar-school-of-nursing.php">https://www.uttyler.edu/academics/academic-calendar-25-26/academic-calendar-school-of-nursing.php</a>					
<b>Week #</b>	<b>Class Topic</b>	<b>Readings (all students)</b>	<b>Due Date</b>	<b>Assignments Due (all students)</b>	<b>Students admitted prior to Fall 2025</b>
Preview May 7	Preview Days Getting Started	UT Tyler syllabus		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 Getting Started with Project Management	<b>Garcia-Dia (2018)</b> Chapter 2 (pp 33-68) Chapter 3 (pp 69-92)	May 13	Graduate Affirmation Forms <b>Discussion Board:</b> Class Introductions (initial post)	
			May 17	Course Orientation Various Attestations <b>Discussion Board:</b> Class Introduction (reply to peers) The Project Management Game <b>Quiz:</b> Unit Quiz	<b>Attestation:</b> Complete form to request a Team site. Video: Collaboration tools
Week 2 May 18	Module 2 Interoperability, Project Initiation, and Project Planning	<b>Garcia-Dia (2018)</b> Chapter 4 (pp 93-114) Chapter 5 (pp 115-150)  View training videos (in Canvas)	May 20	<b>Attestation:</b> Verify Qualtrics Access	
			May 24	<b>Assignment:</b> Gantt Chart for Project Planning <b>Quiz:</b> Unit Quiz	<b>Assignment:</b> Microsoft Teams

<p>Week 3 May 25</p>	<p>Module 3 Methodologies, Theories &amp; Ethics</p>	<p><b>Garcia-Dia (2018)</b> Chapter 6 (pp 151-193)</p> <p><b>McGonigle &amp; Mastrian (2025)</b> Chapter 9 (pp 183-198) Chapter 10 (pp 199-222)</p> <p><b>ANA Nursing Informatics Scope and Standards of Practice (2022)</b> Project Management (p. 30-32) Systems Development Life Cycle (p. 32-33)</p> <p>Other readings in Canvas</p>	<p>May 31</p>	<p><b>Attestation:</b> Video: Using Qualtrics to Design &amp; Build a Survey Instructions</p> <p><b>Assignment:</b> Creating a Design Book and Qualtrics Draft</p> <p><b>Quiz:</b> Unit Quiz</p> <p><i>For those who took their first course in the MSN program Fall 2025 or thereafter</i></p> <p><b>Survey</b> Practice Hours Mid-semester Log Status</p>	
<p>Week 4 June 1</p>	<p>Module 4 Rules, Regulations, and Requirements</p>	<p><b>Garcia-Dia (2018)</b> Chapter 7 (pp 195-220) Chapter 8 (pp 221-252)</p> <p><b>McGonigle &amp; Mastrian (2025)</b> Chapter 11 (pp 223-250)</p>	<p>June 3</p>	<p><b>Discussion Board:</b> Project Management – Executive Brief First Steps (initial post)</p>	
			<p>June 7</p>	<p><b>Attestation:</b> The RISE Model – Giving Peer-to-Peer Feedback</p> <p><b>Discussion Board:</b> Project Management – Executive Brief First Steps (reply to peers)</p> <p><b>Quiz:</b> Unit Quiz</p>	
<p>Week 5 June 8</p>	<p>Module 5 Evidence-Based Practice and Informatics</p>	<p><b>Garcia-Dia (2018)</b> Chapter 9 (pp 253-299) Chapter 10 (pp 301-322)</p> <p>View ONC Training Videos (in Canvas)</p>	<p>June 14</p>	<p><b>Quiz:</b> Unit Quiz</p>	

<p>Week 6 June 15</p>	<p>Module 6 Interprofessional Collaboration and Informatics in Education</p>	<p><b>Garcia-Dia (2018)</b> Chapter 11 (pp 323-339) Chapter 12 (pp 341-366)</p>	<p>June 21</p>	<p><b>Assignment:</b> Executive Brief: A Project Proposal for Selecting and Implementing a Healthcare Information or Communication Technology (ICT). <b>Quiz:</b> Unit Quiz  <i>For those who took their first course in the MSN program Fall 2025 or thereafter</i> <b>Practice Hours</b> 50 practice hours due (submitted in Exxat) <b>Survey</b> Practice Hours Due</p>	<p><b>Assignment:</b> Qualtrics – Revise &amp; Distribute Qualtrics Survey, and additional features.</p>
<p>Week 7 June 22</p>	<p>Module 7 Health Information Technology (HIT) Teams</p>	<p><b>Garcia-Dia (2018)</b> Chapter 13 (pp 367-398)  Other readings in Canvas</p>	<p>June 27 (Sat)</p>	<p><b>Quiz:</b> Qualtrics – Survey Data Results and Reporting Unit Quiz <b>Survey:</b> Reflection on Learning</p>	

**School of Nursing Policies and Additional Information:**

[https://www.utt Tyler.edu/nursing/college/student\\_guide\\_and\\_policies.php](https://www.utt Tyler.edu/nursing/college/student_guide_and_policies.php)

**Student Resources and University Policies are provided in Canvas.**