



**Informatics, Quality & Safety Practicum  
NURS 5390  
Summer 2026**

**Scheduled Class Days and Times: Online**

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**Virtual Office Hours:** Tuesdays 4-5 pm, Wednesdays and Thursdays 9-10 am CT 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:** This course is focused on demonstrating critical thinking, self-direction, and competency in the skills needed by nursing informatics professionals entering the profession. Students will build on knowledge from prerequisite courses and create real-world work products based on professional experiences, networking, data sets, and other content learned.

**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. Utilize data and evidence to evaluate healthcare needs and inform decisions related to quality or safety improvement.
2. Apply foundational project management principles by participating in components of an informatics-related project and analyzing the impact on workflow, data quality, and/or outcomes.
3. Collaborate effectively and professionally with interprofessional teams as appropriate to support project goals.
4. Utilize informatics tools and strategies to improve information literacy or support education on a healthcare technology.
5. Utilize primary and secondary data sources to perform data analytics and data visualization.

### 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.

### Other Textbooks/Materials

Depending on the selected experiential learning by each student. Do not order any books 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.

### Assignments and Weights/Percentage/Point Values

Criteria for Evaluation	Percentage of Grade
Reflection Assignments	60%
Education Product	40%
130 Practice Hours (refer to the Pass/Fail Course Requirements Information Section)	P/F
<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.

**Reflection Assignments:** Students will reflect on what they comprehensively learned in the program and applied to their practicum experience.

**Education Product:** Students will create an education product to improve information literacy or support education on a healthcare technology.

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

#### **Pass/Fail Course Requirements Information:**

You are required to complete 130 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 130 practice hours approved through Exxat are required to pass the course.

Working with a preceptor is one option for completing practice hours. However, other active-learning, hands-on options that do not require a preceptor or a facility placement are also available. More details are available in Canvas.

### Important Course Dates:

**Classes Begin:** May 11, 2026

**Census Date (withdraw without penalty):** May 26, 2026

**Last Date to Withdraw:** July 15, 2026. Students, please notify your course faculty and contact your advisor.

**Final Exam:** N/A

### Calendar of Topics, Readings, and Due Dates:

Week #	Date	Class Topic	Assignments Due
Preview	5/7	UT Tyler syllabus module	The Canvas course is open and ready for viewing. No assignments due this week.
Week 1	5/11	Getting Started Modules	Webinar: Orientation (5/16) Graduate Affirmation Forms (5/17) Plan for Completion of Practice Hours (5/17)
Week 2	5/18	For weeks 2-13, you will self-pace through the following modules in whichever order you prefer.  <ul style="list-style-type: none"> <li>• Quality and Safety Practice Hours</li> <li>• Informatics Practice hours</li> <li>• Education Product</li> </ul> Biweekly "Get Together" opportunities are scheduled for <b>5/19, 6/2, 6/19, 6/30, 7/7, 7/21, and 8/4</b>	You should manage your time and complete some practice hours every week.  The following must be completed by <b>June 28, 2026.</b> <ul style="list-style-type: none"> <li>• Education Product</li> </ul> Each of the following must be completed by <b>August 9, 2026.</b> <ul style="list-style-type: none"> <li>• Reflection Paper: Quality and Safety</li> <li>• Reflection Paper: Informatics</li> <li>• Reflection Paper: Informatics Nursing Professionals' Roles</li> <li>• 130 Practice Hours recorded in Exxat</li> </ul>
Week 3	5/25		
Week 4	6/1		
Week 5	6/8		
Week 6	6/15		
Week 7	6/22		
Week 8	6/29		
Week 9	7/6		
Week 10	7/13		
Week 11	7/20		
Week 12	7/27		
Week 13	8/3		
Week 14	8/10		

### School of Nursing Policies and Additional Information:

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

Student Resources and University Policies are provided in Canvas.