



**Diagnostic Methods and Procedures
NURS 5339
Fall 2024**

Scheduled Class Days and Times: Online

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Office Hours: (virtual office hours weekly and one-on-one virtual office hours by appointment) Additional days and times may be arranged upon request. Please email faculty to make a one-on-one virtual appointment. The Zoom link will be posted in Canvas for weekly virtual office hours.

Best way to contact me is via email. Please allow a 24 hour response time (maybe longer on weekends and Holidays). If it is urgent, you may also text me at the number provided in Canvas. Please use discretion regarding the timing of texts and phone calls. Calls or texts received after 8 p.m. may not be returned until the next day, at my discretion. If you call and expect me to return your call, please leave a voicemail with your name and a good call back number.

Course Description: Selected clinical procedures, diagnostic laboratory and imaging tests utilized by Advanced Practice Nurses (APN) are explored. Evidence based clinical decision making for selecting appropriate tests or procedures, and interpretation of diagnostic tests are evaluated.

Prerequisites: [NURS 5352](#), Pre-Requisite or Co-Requisite of [NURS 5354](#) AND Admission to MSN NP or [NURS 5352](#), Pre-Requisite or Co-Requisite of [NURS 5354](#) AND Admission to the NP Cert program.

Corequisites: Pre-Requisite or Co-Requisite of [NURS 5354](#) AND Admission to MSN NP or Pre-Requisite or Co-Requisite of [NURS 5354](#) AND Admission to the NP Cert program.

Student Learning Outcomes:

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

1. Select, perform, and evaluate results of commonly utilized diagnostic tests and procedures for clinical decision making.
2. Discuss ethical, legal, financial, and regulatory considerations related to selecting, collecting, and evaluating diagnostic tests and procedures.

3. Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice.
4. Apply organizational and systems leadership principles and methods for the promotion and evaluation of quality, ethical, and safe patient care.
5. Translate, integrate, and disseminate scientific evidence into practice;
6. Utilize technologies to deliver, enhance, integrate, and coordinate communication, education, and patient care.
7. Intervene at the systems level through the policy development process and employ advocacy strategies to influence health care.
8. Manage care through collaboration with other health care professional as a member and leader of health care teams.
9. Integrate organizational client centered concepts to provide preventive and population-based care.

Required and Recommended Textbooks and Readings:

Author	Title	Edition	Publisher/ISBN	Status
Muniz (2019)	Sparkson's Illustrated Guide to ECG Interpretation	2nd	Medcomic/ 978-0996651370	Required
Campo et al. (2021)	Essential Procedures for Emergency, Urgent, and Primary Care Settings	3rd	Springer/ 978-0826141048	Required
Pagana et al. (2021)	Mosby's: A Manual of Diagnostic & Laboratory Tests	7th	Mosby/ 978-0323697033	Required
Farrell (2019)	Radiology 101: The Basics and Fundamentals of Imaging	5th	LWW/ 978-1496392985	Required
Slater (2021)	Pocketbook of Differential Diagnosis	5th	Elsevier/ 978-0702077777	Required

Important Course Dates:

Census Date: 9/11/24

Intensive Days: 10/11/24-10/12/24 and 11/8/24-11/9/24

Holiday: Labor Day- 9/2/2024, Thanksgiving- 11/25/24-11/29/24

Last Date to Withdraw: 11/5/24

Last Day of Course: 12/10/24, you will need to be done before this, check Canvas for this date

Special Course Notes:**Mandatory Dates**

Intensive days are required attendance. Intensive days are held twice during the semester; 2 days for the first Intensive and then 2 days for the second Intensive to total 4 days. **Intensive dates count as clinical hours and there is no excusing them unless there is an emergency and the faculty is notified immediately with the understanding that they will have to be made up. Please understand that dog shows, soccer games, concert tickets, etc. are not emergencies.**

Derm for Primary Care

Derm for Primary Care (DFPC) is a large body of modules, questions, and exams related to dermatology issues and expanding on dermatology presentations in acute and chronic disease. You will use this across your courses. This is generally purchased in prior courses to this one, but purchasing information will be posted in the Modules section of Canvas. There is an assignment based on successful completion of the Derm modules and you will get a grade for this.

Office Hours

Office hours are provided weekly and are a chance for you to interact with your faculty for more information regarding the course, concerns, or to go over subjects you may be struggling with. As this is asynchronous learning, you are not required to attend office hours but it is a way for you to engage with faculty.

Proctoring Notice

There are no proctored exams in this course.

Assignments and Weights/Percentages

Criteria for Evaluation:	Percentage of Grade:
Module Exams	50%
Radiology Modules/Screen shots	5%
Procedure Writeups	15%
Intensive #1 Attendance	Pass/Fail
Intensive #2 Attendance	Pass/Fail
Workup Paper	20%
Syllabus Quiz	Pass/Fail
Derm For Primary Care Module/Quiz	10%, must be over 80 average

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). The simple average of all unit exam grades, including a final must be at or above 80% to pass the course. Once the student has achieved a simple unit exam average of 80% or higher, course grades will be determined based on the weighted calculation of exams and other required course work. Students are required to achieve an average of 80% (B) to complete the course successfully.

Although the university policy allows 60 days for grade appeals, the School of Nursing follows a stricter timeline of 10 days to facilitate students' timely progression through the curriculum. In the case of extenuating circumstances, please consult the Associate Dean of Academic Affairs for guidance.

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 (AI):

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.

Most assignments in this course will permit using artificial intelligence (AI) tools, such as ChatGPT or Copilot. When AI use is permissible, it will be documented in the assignment description, and all use of AI must be appropriately acknowledged and cited. When using AI tools for assignments, add an appendix showing (a) the entire exchange (e.g., prompts used), highlighting the most relevant sections; (b) a description of precisely which AI tools were used, (c) an explanation of how the AI tools were used (e.g. to generate ideas, elements of text, etc.); and (d) an account of why AI tools were used (e.g. to save time, to surmount writer's block, to stimulate thinking, to experiment for fun, etc.). Students shall not use AI tools during in-class examinations or assignments unless explicitly permitted and instructed to do so.

<https://www.uttyler.edu/digital-learning/ai/>

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: 10% 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:

1. You will have 5 Module exams that line up with the module content in Canvas. These have around 20 questions each and some are short answer.
2. You will have a syllabus quiz that tests your knowledge of the syllabus and resources available to you. It is open book.
3. Intensive On-Campus days are usually considered fun. We will suture and staple, have lecture that is interactive, and perform other procedures.
4. There will be a Procedure Writeup Paper that will include information you have learned through your text and through Intensives on how to write up a patient injury and the type of repair you would do.
5. You will have a Workup paper that encompasses a complaint with HPI, ROS and medical history with physical exam. You will then “workup” the patient based on these findings and your resources to produce an assessment and plan for the patient.
6. The *Derm for Primary Care* module gives an overview of common office procedures and test your knowledge in this area.
7. Radiology modules are a self-paced lecture series with post-tests that cover a wide variety of radiology material. Not all modules have a post-test.

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

Calendar of Topics, Readings, and Due Dates:

Assignment	Due date
Zoom orientation	9/3/24@ 1900
Syllabus Quiz	9/6/24
Grad Student Affirmation	9/6/24
Census Date	9/11/24
Module Exams:	Module Exams open on 8/29/24
1	9/19/24
2	10/3/24
3	10/24/24
4	11/14/24
5	12/5/24
Intensive On-Campus Dates	10/11/24-10/12/24, 11/8/24- 11/9/24
Procedure Writeups	10/14/24
Workup Paper	11/18/24
Last Day to Withdraw	11/5/24
Derm for Primary Care Modules	12/2/24
Radiology Modules	12/2/24
Last Day to Turn in All Assignments	12/10/24

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.