



**Diagnostic Methods and Procedures**

**NURS 5339**

**Fall 2022**

**Scheduled Class Days and Times: Online**

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Office Hours: by appointment and through Zoom located in the Modules Section

**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 test or procedures, and interpretation of diagnostic tests are evaluated. Course is open only to APN students. <https://www.uttyler.edu/catalog/>

**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:**

<b>Author</b>	<b>Title</b>	<b>Edition</b>	<b>Publisher/ISBN</b>	<b>Status</b>
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

If you are in a clinical course, all students are required to have an active InPlace subscription.

**Special Course Notes:****Important Course Dates**Census Date: September 9<sup>th</sup>Holiday: Thanksgiving November 21<sup>st</sup> -26<sup>th</sup>Last Date to Withdraw: November 7<sup>th</sup>Last Day of Course: December 10<sup>th</sup>**Mandatory Dates**

Intensive days and Zoom Orientation are required in-person attendance. Intensive days are held twice during the semester; 2 days for the first Intensive and then 1-2 days for the second Intensive to total 3-4 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.**

**Derm for Primary Care**

Derm for Primary Care (DFPC) is a large body of modules, questions, and exams related to dermatology issues and expanding to dermatology presentations in chronic disease. You will use this across your courses. 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.

**APEA 3P Exam**

The 3P Exam shows clinical preparedness and must be taken on the date assigned. There are no provisions for retake, and this is at the discretion of your professor. Please note that this exam is a percentage of your grade. Should you make less than a 40% you will have to retake the exam and complete a *Success Plan* as outlined by the School of Nursing.

**Proctoring Notice:** the only proctored exam in this course will be the APEA 3P exam and will be proctored by me over Zoom. You will need reliable internet access and a computer with webcam and a microphone. If you cannot get access to these items, then you will need to arrange to take the exam on campus and we can assist you with this.

**Assignments and Percentages:**

<b>Criteria for Evaluation:</b>	<b>Percentage of Grade:</b>
Module Exams (5)	50%
Radiology Modules	10%
Intensive #1 Attendance	Pass/fail
Intensive #2 Attendance	Pass/fail
"Workup" Paper	20%

APEA 3P Exam	5%, >40% or retake
Syllabus Quiz	5%
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% in order 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.

### **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:**

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. 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.
5. There will be an APEA 3P exam that tests pathophysiology, pharmacology, and physical assessment. This exam helps identify clinical readiness.
6. The *Derm for Primary Care* modules give 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.

**Calendar of Due Dates:**

Assignment	Due date
Zoom orientation	8/31 @ 6:00 pm
Census Date	9/9
Syllabus Quiz	9/9 by 11:59 pm
Module Exams:	
1	9/16 by 11:59 pm
2	10/7 by 11:59 pm
3	10/28 by 11:59 pm
4	11/18 by 11:59 pm
5	12/2 by 11:59 pm
Intensive On-Campus Dates	9/30-10/1 (all day) 11/4-11/5 (all day)
Workup Paper	10/3 by 11:59 pm
Last Day to Withdraw	11/7
APEA 3P Exam	11/14 8:30-12:00 pm
Derm for Primary Care Modules	12/2 by 11:59 pm
Radiology Modules	12/2 by 11:59 pm
Last Day of Class	12/10

**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 to assist you in this course:**

[UT Tyler Student Accessibility and Resource \(SAR\) Office](#) (provides needed accommodations to students with document needs related to access and learning)

[UT Tyler Writing Center](#)

[The Mathematics Learning Center](#)

[UT Tyler PASS Tutoring Center](#)

[UT Tyler Supplemental Instruction](#)

[Robert Muntz Library](#) and [Library Liaison](#)

[Canvas 101](#) (learn to use Canvas, proctoring, Unicheck, and other software)

Digital Support Toolkit (for supported courses only. Students are automatically enrolled in the toolkit for supported courses)

LIB 422 -- Computer Lab where students can take a proctored exam

[The Career Success Center](#)

[UT Tyler Testing Center](#)

[Office of Research & Scholarship Design and Data Analysis Lab](#)

**Resources available to UT Tyler Students**

[UT Tyler Counseling Center](#) (available to all students)

[TAO Online Support Center](#) (online self-help modules related to mental & emotional health)

[Military and Veterans Success Center](#) (support for all of our military-affiliated students)

[UT Tyler Patriot Food Pantry](#)

[UT Tyler Financial Aid and Scholarships](#)

[UT Tyler Registrar's Office](#)

[Office of International Programs](#)

[Title IX Reporting](#)

[Patriots Engage](#) (available to all students. Get engaged at UT Tyler.)

**University Policies and Information**

**Withdrawing from Class:** Students, you are allowed to [withdraw](#) (drop) from this course through the University's Withdrawal Portal. Texas law prohibits students who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at other 2-year or 4-year Texas public colleges and universities. Make sure to consider the impact withdrawing from this class has on your academic progress as well as the financial implications. We encourage you to consult your advisor(s) and financial aid for additional guidance. CAUTION #1: Withdrawing before census day does not mean you get a full refund. Please see the [Tuition and Fee Refund Schedule](#). CAUTION #2: All international students must check with the [Office of International Programs](#) before withdrawing. All international students are required to enroll full-time for fall and spring terms.

**Final Exam Policy:** Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members are required to maintain student final examination papers for a minimum of three months following the examination date.

**Incomplete Grade Policy:** If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor, and (c) the student presents these reasons prior to the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F or NC if the course was originally taken under the CR/NC grading basis.

**Grade Appeal Policy:** UT Tyler's Grade Appeal policy requires the completion of a Grade Appeal form for this action to take place. The grade appeal begins with the instructor of your course. If you do not agree with the decision of the instructor, you may then move your appeal to the department chair/school director for that course. If you are still dissatisfied with the decision of the chair/director, you may move the appeal to the dean of the college offering that course, who has the final decision. Grade appeals must be initiated within sixty (60) days from the date

of receiving the final course grade. The grade Appeal form is found on the [Registrar's Form Library](#).

**Disability/Accessibility Services:** The University of Texas at Tyler has a continuing commitment to providing reasonable accommodations for students with documented disabilities. Students with disabilities who may need accommodation(s) in order to fully participate in this class are urged to contact the Student Accessibility and Resources Office (SAR) as soon as possible to explore what arrangements need to be made to ensure access. If you have a disability, you are encouraged to visit the SAR Portal (<https://hood.accessiblelearning.com/UTTyler/>) and complete the New Student Application. For more information, please visit the [SAR webpage](#) or call 903.566.7079.

**Military Affiliated Students:** UT Tyler honors the service and sacrifices of our military-affiliated students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with me if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make me aware of any complications as far in advance as possible. I am willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. Campus resources for military-affiliated students are in the [Military and Veterans Success Center \(MVSC\)](#). The MVSC can be reached at MVSC@uttyler.edu or via phone at 903.565.5972.

**Academic Honesty and Academic Misconduct:** The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the [Student Conduct and Discipline policy](#) in the Student Manual Of Operating Procedures (Section 8).

**FERPA:** UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in [University Policy 5.2.3](#). The course instructor will follow all requirements in protecting your confidential information.

**COVID Guidance:** It is important to take the necessary precautions to ensure a healthy and successful year. UT Tyler continues to urge you to protect yourselves against the flu, COVID and any new threats that may be developing. Be diligent about preventive measures such as washing hands, covering sneezes/coughs, social distancing and vaccinations, which have proven to be successful in slowing the spread of viruses. Encourage those who don't feel well to stay home, and if they show symptoms, ask them to get tested for the flu or COVID. Self-isolation is important to reduce exposure ([CDC quarantine/isolation guidelines](#)). Please work with your faculty members to maintain coursework and please consult [existing campus resources](#) for support.

**Absence for Official University Events or Activities:** This course follows the practices related to approved absences as noted by the Student Manual of Operating Procedures ([Sec. 1 -501](#)).



**Absence for Religious Holidays:** Students who anticipate being absent from class due to a religious holiday are requested to inform the instructor by the second class meeting of the semester.

**Campus Carry:** We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>.