Diagnostic Methods and Procedures
NURS 5339
Summer 2024

Scheduled Class Days and Times: Online

Instructor's Name: Dr. Angie McInnis DNP, APRN, ENP, FNP-BC (all sections)
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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 an one-on-one virtual appointment and the Zoom link will be posted in Canvas for weekly virtual office hours.

Best way to contact me is via email or text. You may also text me with my provided cell phone number in Canvas. Please use discretion regarding the timing of texts and phone calls.

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

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

Important Course Dates:

Census Date: 5/28/24

OSCEs week (one day): 7/22-7/25

Holiday: Memorial Day- 5/27/24, Independence Day- 7/4/24

Last Date to Withdraw: 7/16/24

Last Day of Course: 8/17/24, you will need to be done before this, check Canvas for this date

Special Course Notes:

Mandatory Dates

Intensive days and Zoom Orientation are required 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. 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 derm issues and expanding on derm 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
AI Assignment (in progress)	Pass/Fail

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 recognizes that AI is becoming a part of the curriculum in many schools, but it is also fan avenue for cheating and dishonesty. As faculty, we are aware of AI's potential usefulness and pitfalls. Please see the statement on the use of AI.

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: 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.

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	5/14/24 @ 1900
Census Date	5/28/24
Syllabus Quiz	5/20/24
Grad Student Affirmation	5/21/24
Module Exams: 1 2 3 4 5	 5/31/24 6/21/24 7/12/24 7/26/24 8/9/24
Intensive On-Campus Dates	6/7-6/8 and 7/12-7/13 (all day)
Procedure Writeups	6/24/24
Workup Paper	7/15/24
Last Day to Withdraw	7/16/24
Derm for Primary Care Modules	8/12/24
Radiology Modules	8/12/24
Last Day to Turn in All Assignments	8/12/24

UT Tyler School of Nursing Justice, Equity, Diversity and Inclusion Statement:

The University of Texas at Tyler School of Nursing aspires to create, foster, and sustain a culture of justice, equity, diversity, and inclusion irrespective of one's identity. We value and embrace all backgrounds, experiences, and identities, realizing that no one group, person or perspective

has all the answers. We are richer when our individual skills, knowledge, experiences, cultures, backgrounds, and identities are combined in an accepting community. We strive to ensure that every individual gets a fair and equal chance to participate and thrive in a nurturing environment where all feel a sense of belonging. We are committed to intentionally and deliberately creating a diverse community that instills a sense of equitable justice and belonging for everyone affiliated with our school.

School of Nursing Policies and Additional Information:

https://www.uttyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas.

(This statement refers to the UT Tyler Syllabus Module in Canvas required per Dr. Swain.)