Midwestern State University
Gunn College of Health Sciences and Human Services
Wilson School of Nursing

NURS 5102: Diagnostic Studies and Ambulatory Procedures
Summer 2025

The information contained in this syllabus is for information purposes only and may change at the discretion of the faculty.

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Faculty & Staff Contact: Faculty and staff will respond to student emails, phone calls, etc. within a 24-hour period during routine business hours (Monday – Thursday), and within 48-hours on the weekends (Friday – Sunday).

Course Description: This course provides theory and technical skills needed for the beginning management of common office and emergency procedures. It focuses on selected procedures such as basic suturing techniques, applications of splints, radiology interpretation, basic EKG interpretation, diagnostic tests, and other procedures encountered by advanced practice nurses in the primary health care setting.

Prerequisites/Co-requisites: NURS 5111/5112 Health Assessment for Advanced Nursing Practice

Credits: 2 hours (2-0); there is no clinical requirement for this course

Course Objectives:

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

Objectives	AACN Essentials	NONPF
1. Orders, performs, and interprets age, gender, and condition – specific diagnostic tests and screening procedures.	VII: 2, 5	I: 9-13
2. Analyzes and synthesizes collected data for patients of all ages	VII: 1, 6, 7 IX: 2, 3, 5	I: 14-17 II: 1
3. Performs primary care procedures, including, but not limited to: suturing, minor lesion removal, and splinting.	III: 6 V: 2 VI: 5 VIII: 8 X: 5-6	I: 19,21,22,24 II: 2-10 IV: 1, 2, 4, 5, 7, 12 V: 1, 4 VI: 2 VII: 1-3
4. Makes appropriate referrals to other health care professionals and community resources for individuals and families.	IIC: 4 IV: 1 V: 6 VII: 4	I: 23, 25 IV: 8, 9 V: 1-3 VII: 4

Learning Experiences:

1. Clinical modules
2. Shadow Health assignments
3. Assigned readings
4. Online videos and tutorials
5. Lectures
6. Lab demonstrations
7. Midterm and Final Exams

Grading Scale:

A	90-100
B	80-89
C	74-79*
D	65-73*
F	64 and below*

* Refer to the Progression Policy in the MSU Graduate Catalog

Evaluation:

The grade for the class will be based upon the following criteria:

Evaluation Components	% of Grade	Points
Radiology Tutorial	5	100
Clinical Modules (4)	20	100 each, 400 total
Shadow Health Modules (4)	10	50 each, 200
Midterm Examination	25	500
Final Examination	25	500
Return Demonstration Lab	15	300
Total	**100**	**2000**

Student Responsibilities and Class Requirements

Students are accountable for policies regarding graduate nursing programs and completion of requirements for all graduate students as stated in the Graduate Catalog and Graduate Student Handbook. Students are responsible for making appointments with faculty concerning class assignments as necessary. This is an online class and students are expected to access the course via Desire2Learn on a regular basis for updates and information. All course requirements must be met in order to pass the course.

Netiquette. Whether you are an experienced Internet user or a novice one, there are "rules of the road." These rules are referred to as "netiquette" or "internet etiquette." Please familiarize or refresh yourself at http://www.albion.com/netiquette/corerules.html.

Submitting assignments. **Attach your assignments as Word documents when you post them in the Dropbox section of Desire2Learn.** Please make sure your assignments are in Word 2007 or newer. Always keep a copy of your assignments for your own records. All assignments should be submitted in the format required. APA format should be utilized if a specific format is not disclosed. **Assignments submitted after the due date and time will receive a deduction of 10% of the total points possible for that assignment for each day the assignment is late. Assignments will be accepted, with penalty as described, up to a maximum of three days late, after which grade of zero will be recorded for the assignment. Any quiz not taken by the due date/time will receive a grade of zero.**

As an online course, I strongly suggest you do not choose to wait until the last minute to submit your assignments. Computer malfunctions and glitches can occur and not being able to submit your assignments by due date deadlines because your computer is not functioning properly *will not be an acceptable excuse.*

Course Orientation

The best way to get oriented to the course is to read the syllabus! In addition, each student should become familiar with the Desire2Learn layout, i.e. how to access the discussion board and submit assignments. If you have questions about the course content, please post your question in the Discussion Board on Desire2Learn under the topic of "Course Questions."

Desire2Learn Based Readings and Content Modules
The primary purpose of providing additional readings and learning exercises is to supplement the accompanying texts. They are not intended as a substitute for the text information. It is intended to assist students in assimilating and integrating facts and ideas from the text and to provide additional information and current trends in prescribing.

Course Folders. Course folders have been set up on the Desire2Learn discussion board to facilitate student discussion and discussion between students and faculty. Course faculty and students can access and post messages related to this course in the folders. Students are responsible for checking the folders frequently to see if there are any announcements. There is also a Graduate Café that students may use to discuss non-course issues. Faculty will not comment on material posted in this folder – it is for students only.

Academic Dishonesty
All students are expected to pursue their scholastic careers with honesty and integrity. Academic dishonesty includes, but is not limited to, cheating on a test or other course work, plagiarism (offering the work of another as one's own), and the unauthorized collaboration with another person. Students found guilty of dishonesty in their scholastic pursuits are subject to penalties that may include suspension or expulsion from the University.

> *By enrolling in this course, the student expressly grants MSU a "limited right" in all intellectual property created by the student for the purpose of this course. The "limited right" shall include but shall not be limited to the right to reproduce the student's work product in order to verify originality and authenticity, and for educational purposes.*

For this course, the use of artificial intelligence (AI) such as ChatGPT and other AI-generating websites and/or applications, is considered academic dishonesty. All written work submitted by students will be submitted to a plagiarism/artificial intelligence detection program called Turnitin. Students with a score of 25% or more of either plagiarism or artificial intelligence will receive a zero for the assignment for the first offense. A second offense will result in an "F" for the course.

American Disability Act (ADA)
Midwestern State University (MSU) does not discriminate on the basis of an individual's disability and complies with Section 504 and the Americans with Disabilities Act in its admission, accessibility and employment of individuals in programs and activities.

MSU provides academic accommodations and auxiliary aids to individuals with disabilities, as defined by law, who are otherwise qualified to meet academic and employment requirements. For assistance call (940) 397-4618 or 397-4515. Please see the instructor outside of class to make any arrangements involving special accommodations.

It is the student's responsibility to declare any disabilities. After declaration, preferably at the beginning of each semester, the student needs to contact individual instructors to determine any reasonable accommodations that may be required.

Adding and Dropping Courses
A graduate student who wishes to change a schedule by either dropping or adding a course must first consult with his/her Program Coordinator. Refer to the Graduate Catalog for additional information on adding and dropping courses.

Required Textbooks

Bickley, L. (2021). *Bates' Guide to Physical Examination and History Taking and Visual Guide package. (13th Edition).* Lippincott, Williams, & Wilkins. ISBN 13: 978-1496398178

Campo, T. (2023). *Medical Imaging for the Health Care Provider. (2nd Edition). Springer* Publishing. ISBN: 9780826160461

Colyar, M. (2020). *Advanced Practice Nursing Procedures*. FA Davis. ISBN: 978-0803698130

Fischbach, Fischbach & Stout (2022). *A Manual of Laboratory and Diagnostic Tests. (11th Edition). Lippincott Williams & Wilkins.* ISBN 13: 978-1975173425

Knechtel, M. (2021). *EKG's for the Nurse Practitioner and Physician Assistant. (3rd Edition).* Springer Publishing. ISBN 13: 978-0826176721

Shadow Health. (2023). Digital Clinical Experience [Software]. (ISBN: 978-0-98-978889-2) Available from http://www.shadowhealth.com

Required Lab Materials
Practice Suture Kit. Several available on Amazon. Price ranges from $40-60:

Suture kits will help the student practice skills of simple interrupted and running suture, instrument tying, vertical mattress sutures, and running subcuticular sutures. Practice outside the lab is encouraged and kits are mandatory for on-campus lab days. The exercise book provides the opportunity for the student to practice. Enough suture material is provided to place over 250 single needle passes.

OVERVIEW OF ASSIGNMENTS

Clinical Modules: Students will complete a total of 4 clinical modules. The module should be uploaded on D2L in the appropriate assignment section of Dropbox. The document should be in Microsoft Word format. Modules must be completed by the due date and should be in APA format. Refer to the Clinical Module Rubric for grade criteria.

Shadow Health Digital Clinal Experiences provides a clinical simulation designed to improve your assessment skills in a safe learning environment. You will have 4 assignments that examine digital patients throughout the course that are accessible online 24/7.

Online Radiology Tutorial from the University of Virginia Health Sciences Center, Department of Radiology, intended as a self-tutorial for students to learn to assess radiographs in cases of skeletal trauma. Post tutorial quiz is provided for practice and self-assessment, but be prepared to answer questions related to this material on final exam.

Midterm/Final Examinations: Each examination will:
- Consist of multiple-choice questions,
- Be open for a 24-hour period, and
- Be timed.
- The midterm examination will cover course topics up to midterm (readings, clinical modules, videos).
- The final examination will cover all course topics including lectures, tutorials, and information from lab demonstrations.

Demonstrations and Return Demonstrations: The Immersion Lab Days are scheduled Friday June 6th and Saturday June 7th and are mandatory days on campus. Class will start promptly at 0900 hours. Demonstrations and return demonstration will include: suturing, digital blocks, punch biopsies, joint injection and aspiration, and incision/drainage of abscesses in addition to lectures covering the reading material.