

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

NURS 5102: Diagnostic Studies and Ambulatory Procedures
Summer 2022

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. Assigned readings
3. Online videos
4. Lectures
5. Lab demonstrations

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
Intro Zoom Meeting	5	100
Clinical Modules (4)	20	100 each, 400 total
Midterm Examination	25	500
Final Examination	30	600
Return Demonstration Lab	20	400
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.**

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.

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. (2016). *Medical Imaging for the Health Care Provider. (1st Edition)*. Springer Publishing. ISBN 13: 978-0826131263

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

Required Lab Materials

Sim Vivo Suture Kit. Cost is \$47.95

Order from: <https://sim-vivo.com>

The Sim*Suture Module 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. 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.

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 and information from lab demonstrations.

Demonstrations and Return Demonstrations: The Immersion Lab Days are scheduled for July 1st and 2nd, 2022 and are mandatory days on campus. Class will start promptly at 0900 hours. Demonstrations and return demonstration will include: suturing, splinting, digital blocks, punch biopsies, pelvic exam, prostate exam and incision/drainage of abscesses.

COURSE CALENDAR 2022

Date	Topic	Assignment
Week 1 May 31 st – June 6 th	Course Introduction Intro to Laboratory Testing Intro to Imaging Intro to Ambulatory Procedures	Mandatory Introductory Zoom meeting 7PM (link in D2L) – screen on to get credit Readings: Course Introduction (Read the Syllabus) Campo: Unit 1: <ul style="list-style-type: none"> • Chapters 1-3 Colyar: <ul style="list-style-type: none"> • Chapters 67-78 Fishbach & Dunning <ul style="list-style-type: none"> • Chapter 1
Week 2 June 7 th – June 13 th	Hematology Interpretation Ambulatory Procedures Imaging	Readings: Campo: Unit 2: <ul style="list-style-type: none"> • Chapters 4-6 Colyar: <ul style="list-style-type: none"> • Chapters 1-3 Fishbach & Dunning <ul style="list-style-type: none"> • Chapter 2 Clinical Module 1 Due June 13th at 11:59 PM
Week 3 June 14 th – June 20 th	Urine, Stool, and Chemistry Ambulatory Procedures	Readings: Colyar: <ul style="list-style-type: none"> • Chapters 4-6, 8, 10 Fishbach & Dunning <ul style="list-style-type: none"> • Chapters 3-4 Clinical Module 2 Due June 20th at 11:59 PM
Week 4 June 21 st – June 27 th	Intro to EKG Interpretation Intro to PFTs Imaging	Readings: Knechtel, Section 1: <ul style="list-style-type: none"> • Chapters 1-3 Knechtel, Section 2: <ul style="list-style-type: none"> • Chapters 4-8 Campo, Unit 3 <ul style="list-style-type: none"> • Chapters 7-8
Week 5 June 28		MIDTERM EXAM – OPENS AT 0600
Week 5 June 28 th – July 4 th	Imaging Ambulatory Procedures	Readings: Campo, Unit 4: <ul style="list-style-type: none"> • Chapters 9-11 Colyar: <ul style="list-style-type: none"> • Chapters 30, 36-38

Week 5 July 1 st Centennial Hall Room 302	EKG Interpretation PFTs Chest and other Imaging Lab Interpretation	Immersion Lab Day – On Campus 9am-3pm Attendance Mandatory
Week 5 July 2 nd Centennial Hall Room 302	Ambulatory Procedures: <ul style="list-style-type: none"> • Joint injection • Basic suturing techniques • I&D • Punch and excisional biopsy • Digital blocks • Other ambulatory procedures 	Immersion Lab Day – On Campus 9am-3pm Attendance Mandatory
Week 6 July 5 th – July 11 th		Readings: Colyar: <ul style="list-style-type: none"> • Chapters 44-45 Clinical Module 3 Due July 11th at 11:59 PM
Week 7 July 12 th – July 18 th	EKG Lab Interpretation	Readings: Knechtel, Section 3: <ul style="list-style-type: none"> • Chapters 9-13
Week 8 July 19 th – July 25 th	Laboratory Interpretation	Clinical Module 4 Due July 25th at 11:59 PM
Week 9 July 26 th – Aug 1 st	Continue to review for Final Exam	Self-studies for Final Exam
Week 10 Aug 2 nd		Final Exam – Opens at 0600
August 5		END OF SEMESTER