



**Course Syllabus: Pharmacology in Nursing Practice**  
**Wilson School of Nursing**  
NURS 3813  
Fall 2022

**Contact Information**

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**Course Description**

Explore the nurse's role in relationship to the principles of pharmacology and drug prototypes used to treat alterations or promote health in individuals, families, groups, communities or society (IFGCS) across the lifespan.

**Pre-requisites**

NURS 3853: Introduction into Health Care Systems; NURS 3811: Health Assessment Competencies Clinical; NURS 2812: Health Assessment Competencies; NURS 3821: Medical Terminology; NURS 3833: Foundations in Clinical Concepts and Competencies; NURS 3843: Foundations in Clinical Concepts and Competencies Clinical; NURS 3503: Nursing Research

**Credit Hours**

Three (3) credit hours.

**Course Objectives**

AACN Essentials: For further information regarding the AACN Essentials identified for each course objective, refer to [AACN BSN Essentials 2008](#)

DEC Competencies: In the DEC Competencies below, the following designations apply: I: Provider of Patient-centered Care, II: Coordinator of Care, III: Patient Safety Advocate, and IV: Member of the Health Care Team. For further information regarding the competencies identified for each course objective, refer to [Texas Board of Nursing DEC's 2021](#)

Upon completion of this course the student should be able to:	AACN	DEC
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1. Discuss the historic development, terminology, and ethical/legal implications associated with pharmacology.	I, IX	I. A, B II. D, E III. D
2. Relate the pharmaceutical, pharmacokinetic, and pharmacodynamics phases of pharmacotherapeutics for IFGCS across the lifespan	I, III, VI, IX	I: B II: A, C, D, F, G III: B, C IV: A
3. Describe predictable and unpredictable responses of individuals to drug therapy.	I, II, III, VI, VII, IX	I: B, D II: A, B, C, D, E, F, G III: B, C IV: A
4. Explore cultural and psychosocial factors influencing and the use of drug and complementary therapies.	I, II, III, VII, VIII, IX	I: B, D II: A, B, C, D, E, F, G III: B, C IV: A
5. Discuss the use of the nursing process as the framework used by the nurse when administering drugs.	I, II, III, VI, VII, VIII, IX	I: C, D II: A, B, C, D, E, F, G III: B, C IV: A

### **Textbook & Instructional Materials**

Focus on Nursing Pharmacology (CoursePoint+) (ISBN-13: 978-1-9751-30532-7) (e-book may be used)

Karch, A.M., (2020). Focus on Nursing Pharmacology (8th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. (ISBN-13: 978-1-1751-0096-4)

### **Learning Experiences**

Students are expected to be self-directed in the acquisition of basic nursing knowledge. Learning activities available to the students include but are not limited to:

1. Reading assignments
2. Group presentations
3. Self-study modules
4. Online learning assignments

## Student Handbook

Refer to: [BSN Student Handbook](#) and [MSU Student Handbook](#)

### Academic Misconduct Policy & Procedures

This course adheres to the MSU Code of Conduct. In particular, academic dishonesty, however small, creates a breach in academic integrity. A student's participation in this course comes with the expectation that his or her work will be completed in full observance of the MSU Code of Student Conduct. A student should consult the current Student Handbook for answers to any questions about the code.

Students are encouraged to take full advantage of many resources available including online Desire 2 Learn course resources, Internet sites, other textbooks and journals, faculty, and peers when accomplishing objectives. This interactive collegial learning environment is conducive for life-long learning.

However, all components of the course are designed to represent the efforts of each student individually or each group of students individually when completing a group project and are not to be shared, copied, or plagiarized from other sources. When students submit their efforts for grading, they are attesting they abided by this rule.

Academic dishonesty includes cheating, collusion, plagiarism or the acquisition of tests or test questions and other academic materials such as test banks without the permission of the faculty. Cheating, collusion, or plagiarism is defined as: (1) cheating - intentionally using or attempting to use unauthorized materials, information, equipment, or study aids in any academic exercise; (2) collusion - the unauthorized collaboration with another person in preparing work offered for credit; (3) plagiarism - intentionally representing the words or ideas of another as one's own in any academic exercise.

Academic dishonesty (cheating, collusion, plagiarism, etc.) will not be tolerated in this class. Whenever a student is unsure of whether a particular situation will be interpreted as academic dishonesty, he or she should ask the instructor for clarification.

Any student found to be academically dishonest as defined above and under each assignment will automatically receive a grade of "0" on the assignment.

### Grading

Table 1: Course Grade

*Assignments	Percentage
**Exam: Unit 1	12.5%
**Exam: Unit 2	12.5%

*Assignments	Percentage
**Exam: Unit 3	12.5%
**Exam: Unit 4	12.5%
**Exam: Unit 5	12.5%
**Cumulative Final Exam	12.5%
***In-class assignments & Quizzes	15%
***thePoint	10%
Total	100

Table 2: Course Grade Calculation

*The final course grade will be calculated in the following manner:
*There will be no rounding of grades except as necessary to accommodate the electronic testing and grade book limitations.
**Students must score at least a 74% average on exams to pass the course. This is called the exam average.
**Students that do not achieve a 74% exam average will receive a final grade that reflects the exam average earned.
***Students who earn at least a 74% exam average will have the remaining assignment grades calculated as weighted in the table above as the course and clinical grade.

Table 3: Grading Scale

Grade	Points
A	90-100
B	80-89
C	74-79
D	65-73
F	Less than 64

### Midterm Progress

In order to help students keep track of their progress toward course objectives, the instructor for this course will provide a Midterm Progress Report through each student's WebWorld account. Midterm grades will not be reported on the student's transcript; nor will they be calculated in the cumulative GPA. They simply give students an idea of where they stand at midpoint of the semester. Students earning below a C at the midway point should schedule a meeting with the professor and seek out tutoring through the Tutoring & Academic Support Programs (link to the website <https://msutexas.edu/academics/tasp/>).

### Assignments

1. **TopHat:** This course will use the Top Hat ([www.tophat.com](http://www.tophat.com)) classroom response system in class. You will be able to submit answers to in-class questions using Apple or Android smartphones and tablets, laptops, or through text message. Attendance, Assignments, and Quiz Questions will be used

throughout the lecture and are relevant to the content covered in class. If a student is absent, there will not be an opportunity to makeup credit at another time. Students are responsible for being logged in, timely, and engaged to earn credit.

You can visit the Top Hat Overview ([TopHat Overview](#)) within the Top Hat Success Center which outlines how you will register for a Top Hat account, as well as providing a brief overview to get you up and running on the system.

An email invitation will be sent to you by email, but if don't receive this email, you can register by simply visiting our course website: Unique Course URL  
Note: our Course Join Code for NURS 3813 Fall 2022 is 306838

Should you require assistance with Top Hat at any time, due to the fact that they require specific user information to troubleshoot these issues, please contact their Support Team directly by way of email ([support@tophat.com](mailto:support@tophat.com)), the in app support button, or by calling 1-888-663-5491.

**2. Lippincott CoursePoint+:** Preclass assignments including pre-lecture PrepU quizzes, Animations, Picmonics, and Interactive Case Studies as well as vSims will be completed as assigned by the due dates listed in the course calendar or on thePoint website. Our Class Code for NURS 3813 Fall 2022 is 6CF7C4D7

If students do not already have access to Lippincott CoursePoint+ for Karch: Focus on Nursing Pharmacology: Eighth Edition., redeem your **ACCESS CODE** and complete registration at <http://thePoint.lww.com/activate>

Once you have redeemed your Access Code and are logged in to thePoint, from the **"My Content"** page, click **Launch CoursePoint** for Lippincott CoursePoint+ for Karch: Focus on Nursing Pharmacology: Eighth Edition.

On the content homepage, select **"Join a Class"** and enter your **CLASS CODE: 6CF7C4D7**, and click **"Join this Class"**

If you experience any problems, check the code again and re-enter it. If it does not work, contact Lippincott Online Product Support at 1.800.468.1128 or [techsupp@lww.com](mailto:techsupp@lww.com) for assistance.

All assignments completed via thePoint/CoursePoint+ must be completed to at least a 75% to receive credit. In the vSims, only the pre-simulation quiz, vSim, and post-simulation quiz are required to be completed. All assignment grades will be averaged and entered into the Gradebook under thePoint.

## **Exams**

1. There are five unit exams and a final exam covering the content in the Karch textbook, assigned readings and in-class exercises. Each unit exam will take 75 minutes. The final exam will take 120 minutes.
2. Unit objectives are found at the beginning of each assigned chapter. These objectives will help you focus on what to study for each exam. Required readings are found on the course calendar.
3. All exams (including the final exam) are required.

## **Exam Policy**

1. Answer each of the 50 questions.
2. You have 75 minutes to complete the exam.
3. The exam will timeout after 75 minutes.
4. Using resources other than your own memory will be considered academic dishonesty and result in an automatic zero on the exam.
5. Taking exam questions from the classroom will be considered academic dishonesty and result in an automatic zero on the exam.
6. Presence of a device capable of making a call, texting, or recording either text or voice in the classroom during the testing period will be considered academic dishonesty and result in an automatic zero on the exam whether the device was on or off and whether you had submitted the exam.
7. Grades will be sent with content references for the questions missed after item analysis has been performed.
8. Students are required to upload the exam prior to leaving the classroom.
9. Close your computer prior to leaving the classroom.
10. Failure to return the scrap paper with your name on it prior to leaving the classroom will be considered academic dishonesty and result in an automatic zero on the exam.

## **Final Exam**

The final exam will be scheduled per the University Final Exam Schedule. The final exam will consist of 50 cumulative questions that covers the contents of the entire semester. 120 minutes will be provided to complete the exam.

## **ExamSoft**

1. Exam Soft requires loading Examplify application for taking course exams. Exam Soft is purchased online each semester.
2. The desks in Centennial Hall do not provide electrical outlets. It is the student's responsibility to provide an alternative charging source to ensure computer battery remains charged. Students are responsible for having a compatible computer or tablet on which to participate in the course activities and take the exams.
3. Exam unit exam will be comprised of: The dates are located on the course calendar.
4. All exams are comprehensive.
5. Exam Soft will provide students with user identity codes, initial passwords,

and instructions on how to load Exemplify. Students must maintain ready access to user identity codes and passwords on exam days. If these access codes are not available for use, the student runs the risk of not taking an exam and earning a grade of zero. If these access codes are not available for use or the exam cannot be accessed for any reason, the student runs the risk of not taking an exam and earning a grade of "0". Please ensure the testing device is prepared to take the exam prior to every exam.

6. If a student misses any exam, the student may take the Make-up Exam scheduled on the course calendar.

### **Extra Credit**

It is the policy of the nursing program to not accept extra credit.

### **Late Work**

No credit will be awarded if an assignment is submitted after the due date. There are no opportunities for extra credit given for any assignment. If you have a question or concern about a grade, you must contact the faculty within 24 hours of the due date to dispute the grade. Once 24 hours after the due date has lapsed, no further changes will be made on any grade.

### **Make Up Work/Tests**

Should the student be absent from an exam, it is the student's responsibility to notify the course coordinator at least two hours prior to the exam or as soon as possible if an emergency is the cause of missing the exam. Students may make-up exams on the make-up exam session as documented on the course calendar.

Failure to comply with this policy will result in a zero for the exam(s) missed. Any make-up exam may be different from the original exam and may include multiple choice, essay, short answer, true and false, and/or matching questions.

### **Nursing Program Failure Policy**

1. Students must meet all course requirements or a grade of F will be assigned.
2. Students are expected to pass both clinical and classroom components of the course. Failure in either clinical or classroom will result in failure in both. Clinical failure results in a course and clinical grade of F. Classroom failure results in the grade earned in the classroom for both course and clinical.
3. A student who withdraws/drops or receives a D or an F in two nursing courses must seek reentry to the nursing program to be eligible to continue in the program.
4. The faculty reserves the right to recommend to the School of Nursing Chair and College of Human Services and Health Sciences withdrawal of a student from the nursing program for health, legal, or academic reasons, particularly if client care is jeopardized. In addition, the student must perform within the ANA Standards of Practice and Code of Ethics.

## **Withdrawal Deadlines**

Last Day to drop with a grade of "W:" October 24, 2022

Refer to: [Drops, Withdrawals & Void](#)

## **Desire-to-Learn (D2L)**

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

## **Attendance**

Students are encouraged to attend all lectures. Students may be dropped from the course for excessive absences per University policy.

## **Instructor Drop**

An instructor may drop a student at any time during the semester for excessive absences, for consistently failing to meet class assignments, for an indifferent attitude, or for disruptive conduct. The instructor must give the students a verbal or written warning prior to being dropped from the class. An instructor's drop of a student takes precedence over the student-initiated course drop of a later date. The instructor will assign a grade of either WF or F through the 8th week of a long 45 hours semester, the 6th week of a 10 week summer term, or the 11th class day of a 4 or 5 week summer term consisting of 20 days. After these periods, the grade will be an F. The date the instructor drop form is received in the Office of the Registrar is the official drop date. Refer to page 27 at <https://msutexas.edu/student-life/assets/files/handbook.pdf>.

## **Computer Requirements**

Assignments and exams in this course are administered electronically. It is the student's responsibility to have access to a suitable device to complete the assignments and exams. Computer failure is not a suitable excuse for missing assignment dates. If the student's computer is not functioning at exam time, the student may elect to take the make-up examination at the date scheduled in the course calendar.

## **Instructor Class Policies**

1. **Timeliness** is expected in all aspects including being on-time for class, exams, and submission of assignments.
2. **Respect** for faculty and peers is expected at all times. Distracting behaviors such as talking, texting, working on other assignments during class, or inattentiveness will not be tolerated and you may be asked to leave the classroom.
3. Students must take an **active role** in their learning and demonstrate **accountability** including evidence of commitment, responsibility, and communication.



### **Change of Schedule**

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the ***Schedule of Classes*** each semester.

### **Refund and Repayment Policy**

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants, loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs. As described below, two formulas (federal and state) exists in determining the amount of the refund. (Examples of each refund calculation will be made available upon request).

### **Disability Support Services**

Midwestern State University is committed to providing equal access for qualified students with disabilities to all university courses and programs, and by law all students with disabilities are guaranteed a learning environment that provides reasonable accommodation of their disability. This guarantee is provided through Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. The ADA reads: "No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subject to discrimination by any such entity." The Director of Disability Support Services serves as the ADA Coordinator and may be contacted at (940) 397.4140, TDD (940) 397.4515, or 3410 Taft Blvd., Clark Student Center 168.

### **College Policies**

#### Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

#### Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

#### Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees

are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

### **Grade Appeal Process**

Students who wish to appeal a grade should consult the Midwestern State University [Undergraduate Catalog](#)

### **Campus Carry**

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit [Campus Carry](#).

### **Active Shooter**

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit [Safety / Emergency Procedures](#). Students are encouraged to watch the video entitled "Run. Hide. Fight." which may be electronically accessed via the University police department's webpage: ["Run. Hide. Fight."](#)

### *Notice*

Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.

Course Schedule

<b>Week or Module</b>	<b>Activities/Assignments/Exams</b>	<b>Due Date</b> <i>All Assignments due by 2300 on the following dates</i>
Week 1 8/23	Ch. 1 Introduction to Drugs	<input type="checkbox"/> Week 1 Preclass Assignments 8/28
Week 2 8/30	Ch. 2 Drugs & the Body Ch. 3 Toxic Effect of Drugs	<input type="checkbox"/> Week 2 Preclass Assignments 8/28
Week 3 9/6	Ch. 4 The Nursing Process in Drug Therapy and Patient Safety Ch. 6 Challenges to Effective Drug Therapy	<input type="checkbox"/> Week 3 Preclass Assignments 9/11
Week 4 9/13	<b>Exam #1 0900-1015</b> Ch. 16 Anti-inflammatory, Anti-arthritis, & Related Agents	<input type="checkbox"/> Week 4 Preclass Assignments 9/18 <input type="checkbox"/> Anti-inflam (Bear) vSim 9/24
Week 5 9/20	Ch. 9 Antibiotics Ch. 10 Antiviral Agents Ch. 11 Antifungal Agents	<input type="checkbox"/> Week 5 Preclass Assignments 9/25 <input type="checkbox"/> Antibiotics (Hadley) vSim 10/1
Week 6 9/27	<b>Exam #2 0900-1015</b> Ch. 29 Introduction to the Autonomic Nervous System Ch. 30 Adrenergic Agents Ch. 31 Adrenergic Antagonists	<input type="checkbox"/> Week 6 Preclass Assignments 10/2
Week 7 10/4	Ch. 32 Cholinergic Agents Ch. 33 Anticholinergic Agents Ch. 24 Antiparkinsonian Agents Ch. 25 Muscle Relaxants	<input type="checkbox"/> Week 7 Preclass Assignments 10/9
Week 8 10/11	<b>Exam #3 0900-1015</b> Ch. 20 Anxiolytics & Hypnotic Agents	<input type="checkbox"/> Week 8 Preclass Assignments 10/16 <input type="checkbox"/> Antidep (Jones) vSim 10/22
Week 9 10/18	Ch. 21 Antidepressant Agents Ch. 22 Psychotherapeutic Agents Ch. 26 Narcotics, Narcotic Antagonists, & Antimigraine Agents	<input type="checkbox"/> Week 9 Preclass Assignments 10/23 <input type="checkbox"/> Narcotic (Li) vSim 10/29
Week 10 10/25	Ch. 46 Antianginal Agents Ch. 44 Drugs Affecting Blood Coagulation Ch. 45 Antiarrhythmic Agents	<input type="checkbox"/> Week 10 Preclass Assignments 10/30 <input type="checkbox"/> Anticoag (Heidebrink) vSim 11/5
Week 11 11/1	Ch. 43 Drugs Affecting Blood Pressure Ch. 47 Lipid-lowering Agents	<input type="checkbox"/> Week 11 Preclass Assignments 11/6 <input type="checkbox"/> HF (Richards) vSim 11/12

<b>Week or Module</b>	<b>Activities/Assignments/Exams</b>	<b>Due Date</b> <i>All Assignments due by 2300 on the following dates</i>
	Ch. 51 Diuretic Agents	<input type="checkbox"/> BP (Cooper) vSim 11/12
Week 12 11/8	<b>Exam #4 0900-1015</b> Ch. 54 Upper Respiratory Medications Ch. 55 Lower Respiratory Agents	<input type="checkbox"/> Week 12 Preclass Assignments 11/13 <input type="checkbox"/> Respiratory (Xiong) vSim 11/19
Week 13 11/15	Ch. 57 Drugs Affecting Gastrointestinal Secretions Ch. 58 Drugs Affecting Gastrointestinal Motility Ch. 59 Antiemetic Agents	<input type="checkbox"/> Week 13 Preclass Assignments 11/20 <input type="checkbox"/> GI (Morris) vSim 11/26
Week 14 11/22	Ch. 37 Thyroid and Parathyroid Agents Ch. 38 Agents to Control Blood Glucose Levels	<input type="checkbox"/> Week 14 Preclass Assignments 11/27 <input type="checkbox"/> Diabetes (Carlos) vSim 12/3
Week 15 11/29	<b>Exam #5 0900-1015</b>	
<b>Final Exam</b>	<b>Thursday, December 8 1300-1500</b>	