

Concepts of Pharmacology in Nursing Practice
NURS 3813
Fall 2021

Location

Tuesday 1300-1550, Centennial Hall 304

Faculty/Course Coordinator

Stephanie Baker, DNP, MSN, BS, RN

Office

Centennial Hall N440F

Office: (940) 397-6371

Cell: (919) 648-3228

stephanie.baker@msutexas.edu

Office Hours

By Appointment

Prerequisites

NURS 3803: Introduction into Health Care Systems; NURS 3811: Health Assessment Competencies Clinical; NURS 3812: 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

Co-requisites

NURS 3853: Concepts in Caring for the Adult Client; NURS 3863: Concepts in Caring for the Pediatric Client; NURS 3873: Concepts in Mental Health Care; NURS3882: Service Learning 1; NURS 4123: Data analysis

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.

Credit Hours

Three (3) credit hours.

Learning Experiences

Reading assignments, multi-media, case studies, and other learning activities

AACN Essentials

For further information regarding the AACN Essentials identified for each course objective, refer to [the Baccalaureate Essentials on the AACN website here.](#)

DEC Competencies

In the DEC Competencies below, the following designations apply: I: Provider of Patient Centered Care, II: Coordinator of Care, and III: Patient Safety Advocate and IV: Member of a Health Care Team. For further information regarding the competencies identified for each course objective, refer to [TX BON Differentiated Essential Competencies](#).

Course Objectives	AACN Essentials	DEC Competencies
1. Discuss the historic development, terminology, and ethical/legal implications associated with pharmacology.	I, IX	I: A, B, II: E III: D
2. Relate the pharmaceutic, pharmacokinetic, and pharmacodynamics phases of pharmacotherapeutics for IFGCS across the lifespan.	I, III, VI, IX	I: D II: A, C, D, F, G III: B, C
3. Describe predictable and unpredictable responses of individuals to drug therapy.	I, II, III, VI, VII, IX	I: B, C, D II: A, B, C, D, 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 II: A, B, C, D, E, F, G III: B,C IV: A, B, C, D
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

Grading Scale Letter Grade	Grading Scale Numerical Conversion
A	90-100
B	80-89
C	74-79
D	65-73
F	≤64

Required Textbooks (Electronic Textbooks may be used)

Karch, A.M., (2016). Focus on Nursing Pharmacology (7th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. (ISBN-13: 978-1496318213; ISBN-10: 1496318218)

Recommended Textbooks

Incredibly Easy Series (2012). Nursing Pharmacology Made Incredibly Easy (3rd ed.). Philadelphia PA: Lippincott Williams & Wilkins.

Hogan, M. A., (2012). Comprehensive review for NCLEX-RN. (2nd ed.). Upper Saddle River, NJ: Pearson Education, Inc. (ISBN 13: 978-01326-2107-6)

Evaluation Methods

*The final course grade will be calculated in the following manner:

Evaluation Components	Percentage of Final Grade
• *Exam: Unit I	20%
• *Exam: Unit II	20%
• *Exam: Unit III	20%
• *Exam: Unit IV	20%
• **vSims	10%
• **In Class Participation (TopHat)	5%
• **thePoint PrepU Quizzes	5%
• ***Total	100%

*There will be no rounding of grades.

**Per the BSN Student Handbook: Students must score at least a 74% average on the five objective exams in the course (4 Module exams) to successfully complete the course. If students score less than a 74% average on the five objective exams, the average of the five objective exams will be the final grade for the course.

***Once the student has scored at least a 74% average on the four objective exams, the average of the other grading components will be added representing 20% of the final grade.

Exams

1. There are four unit exams covering the content in the Karch textbook, assigned readings and in-class exercises. Each exam will take 75 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 are required.

Exam 1: Tuesday, September 21, 2021

Exam 2: Tuesday, October 19, 2021

Exam 3: Tuesday, November 16, 2021

Exam 4: Tuesday, December 7, 2021

Testing Development and Effectiveness

If students make a grade of less than 74% on a unit exam, it is recommended that students meet with the course faculty for exam review/remediation strategies at least one [1] week prior to the next scheduled exam.

Should the student be absent from an exam, arrangements must be made per the procedure found in the B.S.N. Student Handbook. Specifically, it is the student's responsibility to notify the course coordinator.

Failure to comply with this policy will result in a "0" for the exam missed. Any make-up exam may be different to the original exam and may include multiple choice, essay, short answer, true/false, and/or matching questions.

Computer testing using Exam Soft

1. Exam Soft requires loading Examplify application for taking course exams (Exam Soft must be purchased on-line at the start of every semester). See Exam Soft tab on course D2L Course Content site for hyperlink.

2. Laptop computer which meets Wilson SON system requirements (refer to handout entitled "Technology Requirements" on course D2L site, Course Content section, Exam Soft tab) for computer testing. Must have battery use for at least 1.5 hours when testing (extra charged battery; portable battery charger; etc). Suggest power cord and extension cords/power strips, but please understand that electrical outlets in the classroom are scarce.

3. Each unit exam will be comprised of 50 questions and will be worth 100 points. As well, during final's week, a two-hour timeframe will be provided for the comprehensive final exam consisting of 50 questions which will be worth a total of 100 points.

4. All exams will be administered using Exam Soft and Examplify on students' personal laptop computers. Exam Soft will provide students with user IDs, initial passwords, and instructions on how to load Examplify. **Students must maintain ready access to user IDs 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 the grade of "0." Please bring laptops to class on that date with Exam Soft and Examplify loaded beforehand.

Course Attendance

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

thePoint vSims (10% of Course Grade)

Students are required to complete vSims (which correlate with the chapters covered in the textbook this semester). These vSims are not timed, students have unlimited access, and the best score will be posted. Students are required to complete the pre-sim quiz, vSim, and post-sim quiz only.

The percentage scores posted for these vSims in the thePoint gradebook will be averaged and posted as a total of 10% of the student's course grade as long as the student's exam average for the semester is 74% or higher.

The class code for NURS 3813 for Fall 2021 is: **A56C1BE9**

Top Hat

We will be using the Top Hat (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.

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 is **980331**

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), the in app support button, or by calling 1-888-663-5491.

thePoint Quizzes (5% of Course Grade)

Students are required to take practice quizzes (which correlate with the chapters covered in the textbook this semester). These quizzes are not timed, students have unlimited access, and the best score will be posted.

The percentage scores posted for these quizzes in the thePoint gradebook will be averaged and posted as a total of 5% of the student's course grade as long as the student's exam average for the semester is 74% or higher.

Average Time Commitment

This course requires three (3) lecture hours weekly. Standard university out of class preparation calculations are three (3) hours of preparation for every credit hour. Therefore, the average student can expect to spend 9 hours a week reading in preparation for class work and doing out of class assignments.

It is expected that students attend and prepare for class. In-class assignments will be graded. If the student has an unexcused absence, the in-class assignment will not be available for make-up. If there is an excused absence for a University related event, the assignment will be available for make-up as long as the student notifies the faculty before the date of the absence.

Course Communication

Please e-mail within Desire2Learn (D2L), listed under communication tools, if you want to contact the professor for this course. If that isn't possible, then use the professor's office e-mail listed at the top of this syllabus. I (Stephanie Baker) will respond to your email within 48 hrs of receipt Monday-Friday 8-5 pm.

Additional Course Requirements

1. If a student is to be absent from an exam, he/she must notify the course instructor at least two hours prior to the exam. Make-up exams will be administered twice during the semester. Failure to comply with this policy will result in a "0" for the exam. Make up exams may be constructed differently than the unit test.
2. Exam review will be available by individual appointment with the faculty who constructed the exam. Students have two weeks from administration of the exam to review the exam.
3. Faculty reserves the right to make changes to this syllabus at any time.

Disruptive Behaviors

Electronic Devices: All beepers, phones, and other electronic communication devices are to be turned OFF during class and exams, unless it is being used for a faculty-directed in-class assignment. Students found to be wearing Bluetooth devices or phones on their person or in the vicinity of their workspace during exams or other course evaluations will receive a zero "0" for that exam/evaluation. If a student's phone rings or buzzes during exams/evaluations, that student will earn a zero for that evaluation.

Timeliness to Class

Students are expected to be in their seats, ready to start class at the official class start time. Please have your outlines printed prior to the start of class. The clock in the classroom will be used to determine tardiness. A student will not be allowed to enter the classroom during exams after the official class start time. Students who are late to exams will be required to make-up the exam on the scheduled exam make-up dates.

Late Assignments

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.

Administrative Failure Policy

The faculty reserves the right to recommend withdrawal of a student from the nursing program for health, legal, or academic reasons, particularly if patient care is jeopardized to the Program Chair and Dean. In addition, the student must perform within the ANA Standards of Practice and Code of Ethics.

Professionalism

1. All students are expected to be punctual for all classes. Students may be excluded from the classroom if unprofessionally late to class. As stated above, students will not be allowed to take exams after the official class start time.
2. Class attendance and participation are expected. Assignments should be read or viewed in advance of class to facilitate learning. Students will be held responsible for lecture/discussion content, all assigned readings and audiovisual materials on written exams. When the lecture material is more current than the textbook, lecture material takes precedence.

Honor System

Students enrolled in this course will/must adhere 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.

Many components of this course are designed to be highly interactive with students helping each other learn. Students are encouraged to take full advantage of many resources available including online D2L course resources, Internet sites, other textbooks and journals, faculty, and peers when answering objectives. This interactive collegial learning environment is conducive for life-long learning.

All components of this course are designed to represent the efforts of each student INDIVIDUALLY 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.

Cheating includes, but is not limited to, (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or completing other assignments; or (3) the acquisition of tests, test banks or other

academic materials on the web or those belonging to the university faculty or staff without permission.

Plagiarism includes, but is not limited to, the use of, by paraphrase or direct quotation without correct citation in the text and on the reference list, the published or unpublished works of another person. Reference or use of other authors' works will be cited according the 6th edition of the APA Publication Manual. Students may NOT submit papers and assignments that they have previously submitted for this or other courses. The use of materials generated by agencies engaged in "selling" term papers is also plagiarism. Students are encouraged to review the tutorials and suggested websites for more information about plagiarism.

Academic dishonesty (cheating, 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/she should ask the instructor for clarification. If students are guilty of academic dishonesty, a grade of zero (0) will be given for the quiz, assignment, etc. Cases may also be referred to the Dean of Students for possible dismissal from the university.

PLEASE NOTE

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. Specifically, faculty may submit student papers and assignments to an external agency to verify originality and authenticity, and to detect for plagiarism. For further information regarding cheating and any subsequent actions to be taken, please refer to the policy statement in the BSN Student Handbook.

MIDWESTERN STATE UNIVERSITY STUDENT HONOR CREED

"As an MSU Student, I pledge not to lie, cheat, steal, or help anyone else to do so." As students at MSU, we recognize that any great society must be composed of empowered, responsible citizens. We also recognize universities play an important role in helping mold these responsible citizens. We believe students themselves play an important part in developing responsible citizenship by maintaining a community where integrity and honorable character are the norm, not the exception.

Thus, We, the Students of Midwestern State University, resolve to uphold the honor of the University by affirming our commitment to complete academic honesty. We resolve not only to be honest but also to hold our peers accountable for complete honesty in all university matters.

We consider it dishonest to ask for, give, or receive help in examinations or quizzes, to use any unauthorized material in examinations, or to present, as one's own work, work or ideas which are not entirely one's own. We recognize that any instructor has the right to expect that all student work is honest, original work. We accept and acknowledge that

responsibility for lying, cheating, stealing, plagiarism, and other forms of academic dishonesty fundamentally rests within each individual student.

We expect of ourselves academic integrity, personal professionalism, and ethical character. We appreciate steps taken by University officials to protect the honor of the University against any who would disgrace the MSU student body by violating the spirit of this creed.

Written and adopted by the 2002-2003 MSU Student Senate

American Disability Act (ADA)

Midwestern State University does not discriminate on the basis of an individual's disability and complies with section 504 and the Americans with Disabilities Act in its admissions, accessibility, and employment of individuals in programs and activities. MSU provides academic accommodations and auxiliary aids to individuals with disabilities, as defined by the law, who are otherwise qualified to meet academic employment requirements. For assistance, call (940) 397-4618 or (940) 397-4515, TDD. Please see the instructor outside of class to make 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 their individual instructors to determine any reasonable accommodations that may be required.

Senate Bill 11

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at [MSU Campus Carry Policy](#).

COVID-19 (SARS-COV-2)

All students will need to monitor their health and if they believe they have been exposed to COVID-19 or are exhibiting symptoms related to COVID-19, they will need to self-report on the [MSU Texas Report COVID-19 Website](#). Students will then need to follow any instructions regarding quarantine or isolation as given to them by the Vinson Health Center.

Midwestern State University is not mandating any COVID-19 or influenza vaccination presently for any students. However, there are clinical facilities which may require one or both vaccinations as a condition of student attendance at the facility. Many facilities have recently been requiring vaccinations. Once assigned to a clinical facility, the student will need to comply with any vaccination requirements in order to remain at the facility. This includes both primary and rotational clinical assignments. If a student cannot or will not receive the required vaccination(s), the student may request a new clinical assignment at a facility not requiring the vaccination. The student's program will attempt to relocate the student to a new clinical facility. However, relocation cannot be

guaranteed and if the program and the University are unable to relocate the student, then the student must withdraw from the clinical course. If the student is successfully relocated to another facility, any associated costs to the student shall be the student's responsibility. The program, University, or clinical facility will not be responsible for any relocation costs.

Students at clinical facilities will be required to observe any personal protective equipment (PPE) policies of the facility. Students unable or unwilling to comply may request relocation to another facility subject to the above conditions. Relocation is never guaranteed, and students unable to be relocated will have to withdraw from the clinical course.

In accordance with University policy, on-campus students are not mandated to wear masks in most circumstances BUT students are strongly encouraged to wear them indoors. The student is required to wear a paper mask during lab and simulation experiences.

Students are encouraged to visit the [MSU Texas Coronavirus Update page](#). If students have any questions about the COVID-19 policy for their program, they should contact their department chair.