



MORAVIAN COLLEGE

NURSING 332.2: PHARMACOLOGY II

COURSE FACULTY: Paulette Dorney PhD, RN, CCRN

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Office Hours: Mondays and Wednesdays: 1300-1500, and by appointment

CLASS TIME AND LOCATION:

Class: Wednesday, 7:40AM – 8:40AM

Problem Solving Session: Friday, 7:30AM – 8:30AM

Moravian College, Priscilla Payne Hurd Academic Complex (PPHAC) 102

COURSE DESCRIPTION:

This nursing course examines the pharmacological process utilized by nurses including knowledge of medications' actions and effects in clients throughout the lifespan. Pharmacological issues and trends, over the counter medications, and herbal supplement use will be explored. This course will be built upon prior nursing knowledge and concepts gleaned from this course will be utilized throughout the nursing curriculum.

COURSE CREDITS/UNITS:

Course Unit: 0.5

COURSE OBJECTIVES:

1. Examine the pharmacological process utilized in the safe administration of medications to clients.
2. Discuss reactions, compliancy, and other client responses to pharmacological therapies.
3. Analyze ethical and legal principles associated with medication administration.

REQUIRED TEXTBOOK / RESOURCES:

Hinkle, J. L. & Cheever, K. H. (2014). *Brunner & Suddarth's textbook of medical-surgical nursing* (13th ed.). Philadelphia: Lippincott Williams & Wilkins. (**Smeltzer 2 Volume Set** ISBN: 9781469854335)

Karch, A. M, (2013). *Focus on nursing pharmacology* (6th ed.). Philadelphia: Lippincott Williams & Wilkins.

The Point @ <http://thepoint.lww.com/activate>, Focus on Nursing Pharmacology, 6th edition, Student Resources

Kaplan Resource Package and Textbook Resources

REQUIRED TECHNOLOGY/SOFTWARE:

BlackBoard® (BB)-Each student must enroll in the course on the course-specific virtual classroom.

RECOMMENDED TEXTBOOKS:

Deglin, J. H. & Vallerand, A. H. (2014). *Davis's drug guide for nurses* (14th ed.). Philadelphia: F. A. Davis Company. (or access to any pharmacology guide...Micromedix or epocrates applications on mobile devices)

ADDITIONAL LEARNING RESOURCES: As assigned.

COURSE REQUIREMENTS:

1. Class attendance is an expectation. Students are expected to be actively engaged in their learning processes, which includes, but are not limited to, preparation for class and active participation in classroom activities. Absences without written verification will be considered as unexcused and the instructor will use her discretion to penalize any unexcused absence(s) or lateness. Deductions from the final course grade will reflect five tenths (0.5) of a point for each unexcused absence, and three incidences of lateness will equate to 1 unexcused absence. Students are responsible for obtaining any notes, handouts, or other class items from classmates. College policy will be followed relative to inclement weather. Please check blackboard course site for any announcements relative to weather and the cancellation of class.
2. Academic Honesty: Students are expected to maintain academic integrity in the completion of all assignments. **Integrity** is a hallmark of Professional Nursing Ethics. Examples of academic dishonesty include: plagiarism, looking at another test, positioning your paper so that others can see the answers on a test, photographs of tests, text messaging test answers, substitution, and stealing.
3. Plagiarism is the intentional use of another's words or ideas as your own. This can range from using another individual's direct words or changing the words slightly (paraphrasing) without the appropriate citation to purchasing a paper from the

Internet or a professional writing service. Evidence of plagiarism or academic dishonesty will be handled according to the college policy on academic honesty. Copies of the statement on academic dishonesty are published in the Student Handbook.

4. All examinations are to be taken at the scheduled time, unless the instructor is notified of a competing previously scheduled scholastic or athletic activity. Any individual who is not at the scheduled examination based on a claim of illness is required to provide appropriate medical documentation of a valid medical reason for absence. An alternate examination may be determined by the course faculty
5. Completion and satisfactory achievement of all curriculum requirements including standardized Kaplan focused and customized reviews.
6. Reading assignments stated on the course outline of this syllabus are to be completed prior to class time.
7. Professional behavior is an expectation.
8. Communication between instructor & student can be facilitated through the use of email. Students are expected to check their email every day.
9. Students who wish to request accommodations in this class for a disability should contact the Academic Support Center, located in the lower level of Monocacy Hall, or by calling [610-861-1401](tel:610-861-1401). Accommodations cannot be provided until authorization is received from the Academic Support Center.
10. It is within the instructor's purview to apply qualitative judgment in determining grades for an assignment or for a course.
11. Texting and using cell phones are not allowed during class time (unless there are exceptional circumstances). Cell phones and personal belongings will be placed in front of room during examination period.
- 12. The syllabus and course schedule may be subject to change at the discretion of the faculty. All changes will be communicated to the students in writing.**

METHODS OF EVALUATION:

Some learning activities will be non-graded but designed to facilitate thought and/or processes involved in achieving learning outcomes.

	Total Percentage
1. Theoretical Examinations (3) 20% each	60%
2. Kaplan Pharmacology Integrated Examination	10%
3. Homework Assignments	15%
4. Kaplan Focused Reviews	5%
• Pharmacological Therapy A	
• Pharmacological Therapy B	
• Pharmacological Therapy C	
5. Group Case Study Presentation	10%

Examinations:

Three examinations and a comprehensive Kaplan Pharmacology Integrated Examination will be administered in class. Examinations will be timed.

Homework Assignments

NCLEX style take home quizzes in the form of an assignment will be distributed in class and returned by each student the following week based on the broad topics of medications discussed (see course outline for due dates).

Homework Assignments will be distributed one week prior to the due date.

Kaplan Focused Reviews

The Focused Review Tests are un proctored practice tests. Students are to complete the (3) Pharmacology Focused Review Tests and remediate a minimum of one minute per question prior to the Comprehensive Integrated Pharmacology Exam scheduled for 4/22/16. Each Focus Review Test has a mixture of content taught in Pharmacology I and Pharmacology II. A list of medications covered in each focused review practice test is listed in a document labeled (PHARMACOLOGY GUIDE – Kaplan located on Blackboard under Course Information).

Kaplan Focused Reviews may be paused, resumed, and taken multiple times; however the **highest exam** scored between your first and second attempt will be utilized to calculate 5% of your course grade.

Group Case Study Presentation:

Students will work with their assigned groups outside of class to develop a group presentation of a patient case study (role play scenario, “rap”, simulation – Be creative). Students should use their clinical experiences to develop a fictitious patient that can be loosely based on one or more patients they have encountered on the clinical unit.

General diagnoses/co-morbidities of the ‘patient’ (cancer, diabetes, heart failure, asthma, etc....) should be discussed with and approved by course faculty to ensure minimal overlap of the medications presented.

See Directive and Evaluation Rubric on Blackboard under Course Information.

GRADING POLICY:

1. Where applicable, class homework assignments are to be submitted on due dates. At the discretion of the instructor, five points per day may be deducted from the grade if assignments are handed in late.
2. Students are required to maintain an overall cumulative GPA of 3.0 and a nursing cumulative GPA of 3.0 in order to progress in the nursing major.
3. Kaplan Pharmacology Integrated Exam Grade is based on the Percentile rank achieved. See Kaplan Policy.
4. Course grades are based on the following numerical equivalencies:

A = 93-100	C = 73-76.99
A- = 90-92.99	C- = 70-72.99
B+ = 87-89.99	D+ = 67-69.99
B = 83-86.99	D = 63-66.99
B- = 80-82.99	D- = 60-62.99
C+ = 77-79.99	F = Below 60

Course Weekly Schedule		
Course Schedule	Course Outline / Readings (Karch Textbook)	Assignments (Distributed in Class)
Week 1 1/20 & 1/22 (PS)	Course Introduction Drugs Acting on the Renal System <ul style="list-style-type: none"> • Chapter 51 - Diuretic Agents • Chapter 52 - Affecting the Urinary Tract and Bladder 	Renal System Homework Assignment due 1/29
Week 2 1/27 & 1/29 (PS)	Continuation Chapters 51/52	
Weeks 3 & 4 2/3 & 2/5 (PS) 2/10 & 2/12 (PS)	Drugs Acting on the Autonomic Nervous System <ul style="list-style-type: none"> • Chapter 30 - Adrenergic Agonists • Chapter 31 - Adrenergic Blocking Agonists • Chapter 32 - Cholinergic Agonists • Chapter 33 - Anticholinergic Agents 	ANS Homework Assignments due 2/12
Week 5 2/19	Exam 1 - February 17 NO PS - Work on Group Project	
Week 6 2/24 & 2/26 (PS)	Drugs Affecting Blood Coagulation - Chapter 48	Anticoagulant Homework Assignment due 3/2
Week 7 3/2 & 3/4 (PS)	Drugs Acting on the Immune System <ul style="list-style-type: none"> • Chapter 16 - Anti-Inflammatory, Antiarthritis, and Related Agents 	
Spring Break - Week of March 6		
Weeks 8 & 9	Drugs Acting on the Nervous System <ul style="list-style-type: none"> • Chapter 23 - Anti seizure Agents 	Anti-seizure, Anti parkinsonism, Muscle

3/16 & 3/18 (PS) 3/23 & 3/25 (PS)	<ul style="list-style-type: none"> Chapter 24 - Anti parkinsonism Agents Chapter 27 - Muscle Relaxants 	Relaxants Homework Assignment due 3/25
Week 10 3/30 & 4/1 NO PS - Kaplan Focused Reviews	Exam II - March 30 Kaplan Focused Reviews: (Total 90 questions) Parenteral Therapy A / Parenteral Therapy B / Parenteral Therapy C	
Week 11 4/6 & 4/8 (PS)	Drugs Acting on the Nervous System Guest Speaker – Dr. Pamela Adamshick <ul style="list-style-type: none"> Chapter 20 - Anxiolytic and Hypnotic Agents Chapter 21 – Antidepressants Chapter 22 – Psychotherapeutic Agents 	
Weeks 12 4/13 4/15 (PS)	Drugs Acting on the Gastrointestinal Systems <ul style="list-style-type: none"> Chapter 57 – Drugs Affecting Gastrointestinal Secretions Chapter 58 – Drugs Affecting Gastrointestinal Motility Chapter 59 – Antiemetic Agents 	GI System Homework Assignment due 4/20
Week 13 4/20 & 4/22	4/20 - Review 4/22 – Kaplan Integrated Pharmacology Test (Class Starts @ 7:15AM – 90 minutes to complete exam)	Ticket to Test: Completion of Kaplan Pharmacology A, B, C by 4/21/16
Week 14 4/27 & 4/29	Group Presentations	
Week 15	Exam III – FINALS WEEK - TBA	