



## **Nursing 332.2: Pharmacology II**

**Faculty:** Jennifer A. Specht, RN, PhD

**Email:** Jennifer.Specht@Moravian.edu

**Phone:** (610) 625-7720

**Office:** 205 Hamilton

**Office Hours:** Wednesday 845 – 1015a and 1130a – 3p; and Friday by appointment

**Class:** Wednesday 10:20 - 11:30

Friday (problem solving sessions as scheduled/additional as needed) 10:20 - 11:30

**Location:** PPHAC 102

### **Course Description:**

This nursing course exams the pharmacological process utilized by nurses including knowledge of medications, administration of medications, and medication calculations in patients throughout the lifespan. Pharmacological issues, over the counter medications, and herbal medication use will be examined. Reactions, compliancy, and other patient responses to pharmacological therapies will be discussed. This course will be built upon prior nursing knowledge and coordinate with current required nursing courses.

### **Program Philosophy:**

The process of learning involves accountability, diversity, mutual respect, openness, honesty and a reality base. The core components for the curriculum are Community, Holism, Inquiry & Professionalism (CHIP). These core components provide the foundation for the program and learning outcomes and are detailed in the Student Handbook. <http://home.moravian.edu/public/Nursing/HandbooksPage.html>

### **Course Objectives:**

1. Examine the pharmacological process utilized in the safe administration of medications to client.
2. Explore pharmacological issues related to client care.
3. Analyze ethical and legal principles associated with medication administration.

### **Course Credits/Unit/Hours:**

Course Units: 0.5

Theory Hours: 1.5

**Prerequisites:** All required sciences; all required nursing courses (NURS 115, 212, 310, 311, 312); **Co-requisites:** NURS 339, 314

## Required Textbooks:

ATI Products

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

Karch, A. M. (2013). Study guide for focus on nursing pharmacology (6th ed.). Philadelphia: Lippincott Williams & Wilkins.

## Required Supplements:

*iClicker™ v6.1 Student Response System* ~ iClickers are required for all students and will be used during class time. Students are required to bring their iClickers to class with them. It is the students' responsibility to make sure that their iClickers are working and that battery life is sufficient.

At any time during class periods, students may be asked to respond to questions using their electronic iClickers. Students may not share, borrow, or exchange iClickers with each other or risk paying the penalty for cheating (refer to a later discussion on "Academic Honesty").

Students will earn points for in-class quizzing. If a student misses class, there will be no opportunity to make up missed items. Students who miss a class for a verifiable serious illness, emergency, educational trip, or varsity sporting event may not be held liable for missed points on those days. Please note that these cases must be verified as appropriate. Whether or not the absence is considered excusable is left to the discretion of the course faculty.

## Grading Policy:

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 = 64-66.99
B- = 80-82.99	D- = 60-63.99
C+ = 77-79.99	F = Below 60

Please note that it is within the instructor's purview to apply qualitative judgment in determining grades for evaluation and for the final course grade.

## Methods of Evaluation:

Exams (3) - Individual grade	10%
Exams (3) - Group grade	10%
Final Exam – Individual grade only	20%
ATI	10%
Group work (in-class)	25%
Group presentation (work outside class)	15%
iClickers/NCLEX Review	10%

**Group Presentations:**

Students will work with their assigned groups outside of class to develop a group presentation. The expectation is that the group will develop a short (7-10 minutes) roll-playing scenario where students highlight the roles of the health care team, as well as the patient and his/her family (nurse, prescriber, patient, family member, narrator as suggestions). The presentation will focus on important aspects related to medication administration, pharmacological issues and trends, or patient teaching and compliance.

**Course Requirements:**

1. Class attendance is an expectation. Students are expected to be prepared for all class meetings. The student should have completed assignments prior to attending class. Students are responsible for obtaining materials available on Blackboard **prior** to class.
2. Academic honesty in all course-related assignments is an expectation of the course faculty. Students who cheat on iClicker responses, quizzes or other examinations will receive a zero for that day's activities/assignments.

It will be assumed that students who text or use smart/cell phones during exams are cheating. For this reason, students will place all of their personal belongings, including cell phones, against the outer walls of the classroom and away from the testing seats during quizzes/exams. Students found using technology during exams will receive a grade of zero on the quiz or examination. In addition, students who cheat will be prosecuted in accordance with policies outlined in the *Moravian College Student Handbook*.

3. **Statement for Disability Support:** Students who wish to request accommodations in this class for a disability should contact Elaine Mara, assistant director of learning services for academic and disability support at 1307 Main Street, or by calling 610-861-1510. Accommodations cannot be provided until authorization is received from the Academic Support Center.

### Course Topical Outline

<b>Week</b>	<b>Class Day (Wednesday) Topic</b>	<b>Readings</b>	<b>Problem Solving (Friday)</b>
Week 1: January 15 <sup>th</sup> /17 <sup>th</sup>	Course introduction and review of course	None	In-class group work
Week 2:	-Anti-infectives -Antibiotics	Chapters 8, 9 ATI- Unit 12	
Week 3:	- Antiviral - Antifungals	Chapters 10, 11 ATI-Unit 12	
Week 4: February 5 <sup>th</sup> /7 <sup>th</sup>	- Antiprotozoal - Antihelminitics	Chapters 12, 13 ATI- Unit 12	
Week 5:	Pain and Inflammation -Antiinflammatory Agents -Nonopioid and Opioid Analgesics	Chapters (15), 16, 26 ATI- Unit 9	Exam 1 Review (optional)
<b>**Week 6:**</b>	<b><u>FRIDAY 2/21</u></b> -Adrenergic Agonists -Adrenergic Blocking Antagonists	Chapters (29), 30, 31 ATI- Unit 2	<b><u>WEDNESDAY 2/19</u></b> <b>EXAM 1</b>
Week 7:	-Cholinergic Agonists (Alzheimer's) - Anticholinergic Agents	Chapters 32, 33 ATI- Unit 2	
Week 8: March 5 <sup>th</sup> /7 <sup>th</sup>	SPRING BREAK	<b>NO CLASS</b>	<b>NO CLASS</b>
Week 9:	-Anti-seizure Agents -Antiparkinsonism Agents	Chapters 23, 24 ATI- Unit 2	Exam 2 Review (optional)

<b>**Week 10**:</b>	<b>FRIDAY 3/21</b> Reproductive and Gender -Drugs for Women's Health & Reproductive Disorders  -Drugs for Men's Health and Reproductive Disorders	Chapters 40, 41 ATI- Unit 7	<b>WEDNESDAY 3/19</b> EXAM 2
Week 11:	-Neuromuscular Disorders: MG, MS and muscle spasms	Chapters 25, 28	<b>Group Presentations</b>
Week 12: April 2 <sup>nd</sup> /4 <sup>th</sup>	Psychiatric Medications- <b>Guest- Dr. Adamshick</b> -Antipsychotics and Anxiolytics  -Antidepressants and Mood Stabilizers	Chapters 20, 21, 22	
Week 13:	-Respiratory Agents -Drugs for Upper -Drugs for Lower	Chapters (53), 54, 55 ATI- Unit 3	<b>ATI Proctored Exam</b> <b>Location TBA</b>
Week 14:	-Drugs for Urinary Tract Disorders -Drugs for Derm -Exam 3 review	Chapter 52 Appendix B ATI- Unit 12	<b>EASTER BREAK</b> <b>NO CLASS</b>
Week 15:	<b>EXAM 3</b>		<b>Review Final Exam</b> (optional)
Week 16:			<b>Final Exam</b> <b>Wed. 4/30 at 130p</b>

**\*\*syllabus is subject to change at the discretion of the instructor\*\***