



## **Nursing 331.2: Pharmacology I**

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**Office:** Hamilton Hall (first floor)

**Office Hours:** and by appointment

**Classroom:** Memorial 302

**Hours:** Fridays 1020-1205

### **Course Description:**

This nursing course examines 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, side effects, adherence, and other patient responses to pharmacological therapies will be discussed. This course will build on prior nursing knowledge and current required nursing courses.

### **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.

### **Required Textbooks:**

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

### **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 = 63-66.99
B- = 80-82.99	D- = 60-62.99
C+ = 77-79.99	F = Below 60

**Methods of Evaluation:**

Quizzes (1-9) - Individual grade 10 questions	25%
Exams (1-4) - Individual grade 25 questions	60%
Final Exam – Individual grade 50 questions (cumulative)	15%

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.

**Examinations:**

Eight quizzes, five examinations and a cumulative final examination will be administered. Quizzes and examination will be administered at the beginning of class. Students will be allotted 20 minutes to complete each quiz, 50 minutes to complete each exam and the entire scheduled time to complete the final exam. Students who are late for a quiz or examination will not be allotted additional time.

**Course Requirements:**

1. Classes will begin promptly at their assigned times.
2. Students are expected to attend class.
3. Classes may consist of group work, assignments, and quizzes or exams that will count toward students' course grades. Students are expected to review assigned concepts prior to class in preparation for class.
4. Students who experience course-related difficulty should consult the course faculty in a timely and constructive manner.
5. Students must refrain from texting, e-messaging, emailing and talking amongst one another during class.
6. Academic honesty in all course-related assignments is an expectation of the course faculty. Academic dishonesty includes but is not limited to cheating on exams. Students who are found cheating on a quiz or examination will receive a zero for the quiz or examination. 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 exams. In addition, students found cheating will be disciplined in accordance with policies outlined in the Moravian College Student Handbook.
7. If a student is unable to take the exam, the student must notify the instructor, via the instructor's office phone, at least one hour before a quiz or examination is scheduled to begin or the student will receive a zero for that day's quiz or examination. Generally, valid excuses for missing a quiz or exam include a documented personal illness (from a licensed healthcare provider) or family emergency.

8. Students who arrive late for a quiz or examination and who have not contacted the instructor at least one hour beforehand will not receive additional time to complete that day's quiz or examination.
9. Students who need to make up a quiz or examination will receive an alternative quiz or examination at the instructor's discretion. Make-up quizzes or examinations must be completed before the next scheduled class.
10. Students have 72 hours from the end of class on the day of a quiz or exam, to notify the instructor should they wish to review a quiz or examination.
11. Students may not copy or photograph quizzes or exams.
12. Students may not discuss the content of a quiz or exam with students who has not taken the quiz or exam.
13. The use of recording devices is at the discretion of the instructor.
14. Written assignments must be printed and given to the instructor in person by the end of class. Electronic copies will not be accepted.
15. Late assignments will receive a 10 point deduction for every day past the due date. The deduction will be applied each day at 5:00 PM past the date and time due. Late assignments must be printed and given to the instructor in person or handed in at the nursing office. Electronic copies will not be accepted.
16. Students who wish to request accommodations in this class for a disability must contact the Academic Support Center located on the first floor of Monocacy Hall (extension 1401). Accommodations cannot be provided until authorization is received from the Academic Support Center.
17. Students who require accommodations will take quizzes or exams immediately prior to or after class. The Moravian College nursing program is accredited by the Commission on Collegiate Nursing Education. As part of the accreditation process the program must provide evidence of assignments completed by students. Any of the methods of evaluation used in this course, may be used as evidence of student assignments during the accreditation process.

**The syllabus is subject to change at the discretion of the instructor.**

### Course Topical Outline

<b>Week</b>	<b>Class Day (Wednesday) Topic</b>	<b>Readings</b>	<b>Quiz/Exam</b>
Week 1: Friday 9/4 1020 to 1240	Course Introduction  Developing our approach to pharmacology	(Chapters 1 – 2)	
Week 2: Friday 9/11 1020 to 1240	Developing our approach to pharmacology	(Chapters 3 - 4)	Quiz 1
Week 3: Friday 9/18 1020 to 1240	Drugs acting on the Endocrine System	(Chapters 34 – 35)	Exam 1 45 minutes
Week 4: Friday 9/25 1020 to 1240	Drugs acting on the Endocrine System	(Chapters 36 – 37)	Quiz 2 20 minutes
Week 5: Friday 10/2 1020 to 1240	Drugs acting on the Endocrine System	(Chapter 38)	Quiz 3 20 minutes
Week 6: Friday 10/9 1020 to 1240	Drugs acting on the Cardiovascular System	(Chapters 42 – 43)	Exam 2 45 minutes
Week 7: Friday 10/16 1020 to 1240	Drugs acting on the Cardiovascular System	(Chapters 44 - 45)	Quiz 4 20 minutes
Week 8: Friday 10/23 1020 to 1240	Drugs acting on the Cardiovascular System	(Chapters 46 - 47)	Quiz 5 20 minutes

Week 9: Friday 10/30 1020 to 1240	Drugs acting on the Respiratory System	(Chapters 53 and 54)	Exam 3 45 minutes
Week 10: Friday 11/6 1020 to 1240	Drugs acting on the Respiratory System	(Chapter 55)	Quiz 6 20 minutes
Week 11: Friday 11/13 1020 to 1240	Chemotherapeutic Agents	(Chapters 7 – 8)	Exam 4 45 minutes
Week 12: Friday 11/20 1020 to 1240	Chemotherapeutic Agents  Drugs acting on the Immune System	(Chapters 9 – 10)	Quiz 7 20 minutes
Week 13: Friday 11/27 1020 to 1240	<b>BREAK – NO CLASS</b>	(Chapters 11-12)	<b>BREAK – NO CLASS</b>
Week 14: Friday 12/4 1020 to 1240	Chemotherapeutic Agents  Drugs acting on the Immune System	(Chapters 13-14)	Quiz 8 20 minutes
Week 15: Friday 12/11 1020 to 1240	Chemotherapeutic Agents  Drugs acting on the Immune System	(Chapter 17)	Quiz 9 20 Minutes
Final Exam Friday 12/18	TBA		Cumulative Final 120 minutes Past content = 20 Q New content =30 Q