



**St. Luke's Hospital School of Nursing  
at Moravian College**  
Bethlehem, Pennsylvania



**Nursing 331.2: Pharmacology I  
Fall Semester 2011 Junior Level**

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Office Hours: As posted at office and by appointment

**Class:** Wednesday 7:30-8:40, Friday (problem solving session) 7:30-8:40 **PPHAC 101**

**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.

**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, 311); **Co-requisites:** NURS 310, 312)

**Required Textbooks**

ATI Products.

Kee, J., Hayes, E., & McCuiston, L. (2006). *Pharmacology: A nursing process approach*. St. Louis: Elsevier.

Kee, J., Hayes, E., & McCuiston, L. (2006). *Pharmacology: A nursing process approach study guide*. St. Louis: Elsevier.

Additional readings as announced.

## Course Requirements:

1. Classroom attendance is necessary to promote the learning of the theoretical component of the curriculum and to enrich and expand the application of the clinical learning process. Students are expected to attend all classroom activities. An instructor may lower a student's grade because of a class absence. If absences occur, it is the student's responsibility to make up whatever work has been missed. Permission to make up assignments, quizzes, and periodic tests may be granted at the discretion of the instructor. Authorization to make up a final examination is given only by the Office of Academic Affairs.
2. **If unable to attend a class**, please contact the course faculty 30 minutes **prior** to class session to be missed or immediately after the class session via phone or email. Students are responsible for obtaining any notes, handouts, or other class items from classmates. Tardiness is a distraction to the class and will not be tolerated. Students are expected to arrive promptly and engage fully in the class.
3. Plagiarism is the intentional use of another's words or ideas as your own. Plagiarism can range from using another individual's direct words or changing the words slightly (paraphrasing) without the appropriate citation and purchasing a paper from the Internet or a professional writing service. Evidence of plagiarism or academic dishonesty will be handled according to the policy on academic honesty established by Moravian College. Copies of the academic honesty policy are available in the nursing department.
4. Statement for Disability Support: Students who wish to request accommodations in this class for a disability should contact Mr. Joe Kempfer, Assistant Director of Learning Services for Disability Support, 1307 Main Street (extension 1510). Accommodations cannot be provided until authorization is received from the office of Learning Services.

## Methods of Evaluation:

1. Five exams	65 %
2. Pharmacology case studies*	10%
3. Medication Calculation Exam	10%
4. Final Exam	15%

\*\* 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.

Nursing 331.2 supports each student's development based on the core components:

<u>Community</u>	<u>Holism</u>	<u>Inquiry</u>	<u>Professionalism</u>
Individual, Vulnerable Populations, Health Care Economics	Health Promotion	Assessment Critical Thinking	Accountability Communication Advocate, Educator

## Grading Policy:

1. Papers must be typed according to APA style.

2. Assignments are expected on or before their due dates. Five points per day will be deducted from the grade if assignments are handed in late. The grading scale is as follows:

A = 93-100	B- = 80-82	D+ = 67-69
A- = 90-92	C+ = 77-79	D = 63-66
B+ = 87-89	C = 73-76	D- = 60-62
B = 83-86	C- = 70-72	F = <60

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

**Please note while the instructor will try to hold to the flow of the course outline, it may change over the course of the semester. Students will receive notification of syllabus changes in class or through electronic communication.**

<b>Week</b>	<b>Topic</b>	<b>Readings</b>	<b>Assignments/Exams</b>
Week 1: 8/31/11 9/2/11	Course introduction, drug action, nursing process, principles of medication administration,	Chapters 1, 2, 3 ATI- Chapters 1, 2	
Week 2: 9/7/11 9/9/11	Calculations, approval process	Chapters 4, 5 ATI- Chapters 3, 4	<b>Exam 1 Friday 9/9/11</b>
Week 3: 9/14/11 9/16/11	Transcultural & Genetic, Interactions & OTC medications, research	Chapters 6, 7, 13	<b>ATI Session Friday 9/16/11</b>
Week 4: 9/21/11 9/23/11	Endocrine, antidiabetic agents	Chapters 50, 51 ATI- Unit 11	Friday- Student Case Presentations (4)
Week 5: 9/28/11 9/30/11	Cardiac glycosides, antianginals & antidysrhythmics	Chapters 41 ATI- Unit 6 (265-280)	<b>Exam 2 Friday 9/30/11</b>
Week 6: 10/5/11 10/7/11	Diuretics, antihypertensive	Chapters 42, 43 ATI- Unit 6 (241-264)	Friday- Student Case Presentations (4)
Week 7: 10/12/11 10/14/11	Anticoagulants, antilipemics & peripheral vasodilators	Chapters 44, 45 ATI- Unit 6 (281-289) Unit 7 (296-310)	
Week 8: 10/19/11 10/21/11	Anticancer, targeted therapies	Chapters 36, 37	<b>Exam 3 Friday 10/21/11</b>
Week 9: 10/26/11	Biologic response modifiers <b>Sipple Lecture:</b>	Chapters 38	Friday- Student Case Presentations (4)

10/28/11	<b>Mandatory Attendance</b> <b>Dr. McClure 5:30-8:30</b> <b>Foy Hall</b>		
Week 10: 11/2/11 11/4/11	Vitamin & mineral replacement, F&E, Nutritional	Chapters 14, 15, 16	Friday- Student Case Presentations (4)
Week 11: 11/9/11 11/11/11	GI tract, antiulcer	Chapters 46, 47	<b>Exam 4 Friday 11/11/11</b>
Week 12: 11/16/11 11/18/11	Disorders of eye & ear	Chapter 48	<b>Calculation Exam Friday 11/16/11</b>
Week 13: <b>11/23/11 OFF</b> <b>11/25/11 OFF</b>	<b>OFF</b>		<b>OFF</b>
Week 14: 11/30/11 12/2/11			<b>Exam 5 Wednesday 11/30/11</b>  <b>Final Exam Review Friday 12/2/11</b>
Week 15: 12/7/10	Child bearing women (Lecturer Professor Taylor Grube)	Chapters 52, 53, 54	
<b>Final Exam</b>	<b>12/9/11 8:30AM corrected</b>  <b>8/31/11</b>  <b>Final Exam</b>  <b>12/15/11 8:30AM</b>		