



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



**NURSING 396: PHARMACOLOGY  
Special Topics Course  
Fall 2010**

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**Class: Monday and Wednesday  
8:55-10:05  
PPHAC Room 116**

**Catalog: Course Description:**

This nursing elective 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.

**Course Objectives:**

1. Exam 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 Text:**

Kee, J. L., Hayes, E. R. & McCuistion, L. E. (2009). *Pharmacology: A nursing process approach* (6<sup>th</sup> ed.). St. Louis: Elsevier.

Kee, J. L., Hayes, E. R. & McCuistion, L. E. (2009). *Study guide pharmacology: A nursing process approach* (6<sup>th</sup> ed.). St. Louis: Elsevier.

**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. 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.
3. Students with disabilities who believe they may need accommodations in this class are encouraged to contact Mr. Joe Kempfer, Assistant Director of Learning Services as soon as possible to enhance the likelihood such accommodations are implemented in a timely fashion. Mr. Kempfer's office is located at 1307 Main St., and his extension is 1510.
4. Attendance is a requirement for class. Faculty members will use their discretions to deduct points from the final grade for any unexcused absence(s). Five tenth (.5) of a point will be deducted for each unexcused absence.

#### **Methods of Evaluation:**

1. Five exams	55 %
2. Paper on Pharmacology topic	10%
3. Case study/Presentation	10%
4. Medication Calculation Exam	10%
5. Final Exam	15%

#### **Grading Policy:**

1. Papers must be typed according to APA style (6<sup>th</sup> Ed.).
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

**It is within the instructor's purview to apply qualitative judgment in determining the grades for an assignment or for a course. Please also note while I will try to hold to the flow of the syllabus it is subject to change over the course of the semester.**

#### **Miscellaneous:**

Cell phones are not to be used in class for any purpose. No texting allowed in class. Emergency type situations should be discussed with the teacher prior to class. If you have an emergency situation, you should dismiss yourself from class. Anyone texting in class will be asked to leave the room.

Each student should have their own calculators for their exams. Medication problems will be on every exam. In addition, a medication exam will be given near the end of the semester. No sharing of calculators will be allowed.

If you suspect unethical behavior in this classroom, it is your responsibility to report it to the instructor. These issues will be handled with confidentiality.

The **CHIP** concepts pertaining to this course are listed below and are further described in the Resources and References section of the Student Hand book.

<b>Community</b>	<b>Holism</b>	<b>Inquiry</b>	<b>Professionalism</b>
Family	Caring	Assessment	Accountability
Individual	Health	Critical Thinking	Advocate
Vulnerable Populations	Health Promotion	Health Care Technology	Communication
Health Care Economics			Coordinator
			Educator

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<u><b>Date</b></u>	<u><b>Topic</b></u>	<u><b>Assignments</b></u>
<u>Week 1</u> August 30	Introduction to class Drug Approval Process Transcultural and Genetic Considerations Drug Research	Chapters 5 & 6, 13
September 1	Drug Action Nursing Process & Client Teaching Principles of Drug Administration	Chapters 1, 2, & 3
<u>Week 2</u> September 6	<b>Labor Day Holiday</b>	
September 8	Medications and Calculations Fluid and Electrolytes Nutritional Support	Chapter 4, 15, 16
<u>Week 3</u> September 13	Drug Interaction & OTC Drugs Drugs of Abuse Herbal Therapy	Chapters 7, 8, 9
September 15	<b>Test 1</b>	<b>Chapters 1 -9, 13, 15, 16</b>
<u>Week 4</u> September 20	Pediatric Pharmacology Geriatric Pharmacology Community Settings Diuretics	Chapters 10, 11, 12, 42
September 22	Cardiac Glycosides Antihypertensive Drugs Anticoagulants	Chapters 41, 43, 44 <b>Pharmacology Paper Topic Due</b>
<u>Week 5</u> September 27	Antilipidemics GI agents	Chapters 45, 46, 47
September 29	CNS Stimulants, Depressants Pain Management	Chapters 19, 20, 24, 25

<u>Week 6</u> October 4	<b>Test 2</b>	<b>Chapters 10 – 12, 19, 20, 24, 25, 41 - 47</b>
October 6	Anticonvulsants Neurological/ Neuromuscular Disorders	Chapters 21, 22, 23
<u>Week 7</u> October 11	<b>Fall Break</b>	
October 13	Immunological Agents	Chapters 34 & 35
<u>Week 8</u> October 18	Antibacterial/Anti-infective Agents	Chapters 28, 29, 31
October 20	Antibacterial/Anti-infective Agents	Chapters 30, 32, 33
<u>Week 9</u> October 25	<b>Test 3</b>	<b>Chapters 21 – 23; 28 - 35</b>
October 27	Endocrine Agents	Chapters 50 & 51
<u>Week 10</u> November 1	Respiratory Agents	Chapters 39 & 40
November 3	<b>Papers DUE</b>	<b>Discussion</b>
<u>Week 11</u> November 8	Eye, Ear, & Skin Agents	Chapters 48 & 49
November 10	<b>Test 4</b>	<b>Chapters 39, 40, 48 - 51</b>
<u>Week 12</u> November 15	Cancer Agents	Chapters 36 - 38
November 17	Autonomic Nervous System Agents	Chapters 17 & 18
<u>Week 13</u> November 22	Psychiatric Agents	Chapters 26 & 27
November 24	<b>Thanksgiving Holidays</b>	

Week 14

November 29

Emergency Agents

Chapter 58

December 1

**Test 5**

**Chapters 17, 18  
26, 27, 36 – 38, 58**

Week 15

December 6

**Medication Exam**  
Women and Men's Health  
STDs

Chapter 55 - 57

December 8

Reproductive Agents

Chapters 52 - 54

**Final Exam Wednesday 12/15/10 at 1:30PM**