



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



NURSING 396: PHARMACOLOGY
Special Topics Course
Spring 2009

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Instructor of Nursing
Family Nurse Practitioner
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(610) 625 – 7505
Office Hours: Wednesdays 9a – 1p
By appointment
Comenius 401

Class Meets: Monday and Wednesday
2:20p – 3:30p
Reeves 212

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., & McCuiston, L. E. (2006). *Pharmacology a nursing process approach*. 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 that they may need accommodations in this class are encouraged to contact the Learning Services Office as soon as possible to enhance the likelihood such accommodations are implemented in a timely fashion.
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	50 %
2. Paper on Pharmacology topic	10%
3. Pharmacology case studies	10%
4. Class participation and Homework	5%
5. Medication Calculation Exam	10%
6. Final Exam	15%

Grading Policy:

1. Papers must be typed according to APA style (5th 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.
3. For nursing majors, students are required to maintain a minimum QPA of 3.00 in nursing. Students must achieve a minimum 2.70 overall QPA in order to declare nursing as a major and to register for nursing courses numbered 212 or above.

The grading scale is as follows:

A = 93- 100	B- = 80 – 82
A- = 90 – 92	C+ = 77 – 79
B+ = 87 – 89	C = 73 - 76
B = 83 – 86	

4. It is within the instructor’s discretion to apply qualitative judgment in determining grades for an assignment or for the course.

Portfolio Evidence:

Journals, scholarly papers, and presentations

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.

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

THE SYLLABUS IS SUBJECT TO CHANGE AT THE DISCRETION OF THE INSTRUCTOR.

**NURS 396: Pharmacology
Spring 2009**

<u>Date</u>	<u>Topic</u>	<u>Assignments</u>
<u>Week 1</u>		
January 19	Introduction to class Drug Action Nursing Process & Client Teaching Pharmacology Rules	Chapters 1 & 2
January 21	Principles of Drug Administration Medications and Calculations Drug Approval Process	Chapters 3, 4, & 5
<u>Week 2</u>		
January 26	Transcultural and Genetic Considerations Drug Interactions and OTC drugs Drugs of Abuse	Chapter 6, 7, & 8
January 28	Pediatric Pharmacology Geriatric Pharmacology Medication Admin in Community Drug Research	Chapters 9 – 13
<u>Week 3</u>		
February 2	Test 1 **SIGN UP for Pharmacology Paper Topic** Groundhogs Day	Chapters 1 - 13
February 4	Vitamin and Mineral Replacement Fluid and Electrolytes Nutritional Support	Chapters 14 – 16
<u>Week 4</u>		
February 9	Adrenergics and Adrenergic Blockers Cholinergics and Anticholinergics	Chapters 17 & 18
February 11	Central Nervous System Stimulants Central Nervous System Depressants	Chapters 19 & 20
<u>Week 5</u>		
February 16	Pain Management Anticonvulsants	Chapters 21 & 22

February 18	Test 2	Chapters 14 - 22
<u>Week 6</u>		
February 23	Neurological Disorders Neuromuscular Disorders	Chapters 23 & 24
February 25	Antipsychotics and Anxiolytics Antidepressants and Mood Stabilizers Antiinflammatory	Chapters 25 - 27
	SPRING BREAK March 2 – 6	
<u>Week 7</u>		
March 9	Penicillin, Cephalosporins, Macrolides, Aminoglycosides, Fluoroquinolones Sulfonamides	Chapters 28 – 30
March 11	Antitubercular, Antiviral, Urinary	Chapters 31 - 33
<u>Week 8</u>		
March 16	Test 3	Chapters 23 – 33
March 18	HIV and Vaccines	Chapters 34 & 35
<u>Week 9</u>		
March 23	Anticancer Biological Response Modifiers	Chapters 36 & 37
March 25	Upper Respiratory Disorders Lower Respiratory Disorders	Chapters 38 & 39 Pharm Paper
<u>Week 10</u>		
March 30	Cardiac Glycosides Diuretics	Chapters 40 & 41 Pharm Paper
April 1	Test 4 April Fool's Day	Chapters 34 - 41
<u>Week 11</u>		
April 6	Antihypertensive Anticoagulants Antilipidemics	Chapters 42 – 44 Pharm Paper
April 8	GI tract Disorders & Antiulcer	Chapters 45 & 46 Pharm Paper

*****Easter Break April 10 – 13*****

Week 12

April 15

Eye and Ear
Dermatology

Chapter 47 & 48
Pharm Paper

Week 13

April 20

Endocrine, Antidiabetic

Chapters 49 & 50
Pharm Paper

April 22

Test 5

Chapters 42 - 50

Week 14

April 27

Emergency Drugs
Medication Test

Chapter 57

April 29

Women and Male Reproductive Disorders
Infertility & STDs

Chapters 54 – 56

Week 15

Friday May 8

Final Exam @ 8:30am

Cumulative



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



NURS 331 RN
Holistic Assessment for RNs
Spring 2009

Judy Donnan RN, MSN, FNP-BC
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Office hours: Wednesday 9a – 1p
Also available by appointments

Class meets: Thursday 5:00p – 8:00p
St. Luke's Education Center Room 105

Clinical/Lab: as directed

Catalog/Course Description:

A course designed for the RN student for developing knowledge and techniques for physical, psychosocial, functional, spiritual, and cultural assessments. Assessment techniques will be applied in a laboratory practice environment and will include techniques to be used with individuals and families across the life span during various states of health.

Objectives:

1. Gather holistic information about the health status of individuals and families.
2. Analyze and synthesize the holistic data to determine the health status of individuals and families.

Course Credits/Units/Hours:

Course Units:	1
Theory Hours:	3 hours weekly
Laboratory/Projects	1 hour weekly

Prerequisites: None

Required Textbooks:

Dillon, P. M. (2007). *nursing health assessment: A critical thinking, case studies approach* (2nd ed.). Philadelphia: F. A. Davis.

Dillon, P. M. (2007). *Nursing health assessment: Student applications* (2nd ed.). Philadelphia: F. A. Davis.

Selected Readings on reserve:

Badzed, L. (2006). Nursing's ethical commitment to effective communication. *American Nurse Today*, October, 2006, 68 – 70.

Keller, V. & Baker, L. (2000). Communication with care. *RN*, 63 (1), 32-33.

Killian, P. & Waite, R. (2007). Cultural diversity: Best practices. *Advance for Nurses*, 9(29), 29-32.

Weber, J. & Kelly, J. (2003). Community assessment in *Health assessment in nursing*. (2nd ed.). Philadelphia: Lippincott.

Weber, J. & Kelly, J. (2003). Assessment of the family in *Health assessment in nursing*. (2nd ed.). Philadelphia: Lippincott.

Course Requirements:

1. **Class and Clinical attendance is an expectation.** Students are expected to be prepared for all class/clinical meetings.
2. **If unable to attend a class/clinical,** please contact the course faculty prior to the class/clinical session to be missed. Students are responsible for obtaining any notes, handouts, or other class items from classmates.
3. Plagiarism is the intentional use of another's words or ideas as your own. This use 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 Moravian College policy on academic honesty. Copies of this policy are available in the nursing department.
4. Any student who wishes to disclose a disability and request accommodations under the Americans with Disabilities Act (ADA) for this course **MUST** first meet with Mrs. Laurie Roth (610 861 – 1510) in the Office of Learning Services (for learning disabilities and/or ADD/ADHD) or Dr. Ronald Kline (610 861 – 1510) in Counseling Center (for all other disabilities).
5. Attendance is a requirement for class/clinical. The faculty members will use their discretion to deduct points from the final course grade for any unexcused absence(s). Five tenths (.5) of a point will be deducted for any unexcused absence.

6. Lateness: Faculty members will use their discretion to deduct points from the final course grade for any lateness. Four incidences of lateness will equate to 1 absence. Deductions will be made according to the attendance statement.
7. Assignments are expected on or before their due date. Five points per day will be deducted from the grade if assignments are handed in late.
8. Papers must be written according to the style specified by the *APA (5th edition)*. Use of a computer with Internet access and the ability to perform electronic database searches are required.

Failure to obtain a *Satisfactory* clinical evaluation will result in a grade of F for the course.

Learning Assessment/Graded Requirements:

1. Cultural Assessment Presentation	10%
2. Health Promotion Project	10%
3. Taped video of physical exam	10%
4. Theoretical exams (5 exams)	50%
5. Final Exam (Cumulative)	20%
6. Clinical Evaluation	Satisfactory/Unsatisfactory

Grading Criteria:

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

Portfolio:

Portfolio Evidence to support student development based on core components:

Community	Holism	Inquiry	Professionalism
Family	health	critical thinking	professional values
Individual	wellness		
Vulnerable populations			

IT IS WITHIN THE INSTRUCTOR’S PURVIEW TO APPLY QUALITATIVE JUDGEMENT IN DETERMINING THE GRADES FOR AN ASSIGNMENT OR FOR A COURSE.

THE SYLLABUS IS SUBJECT TO CHANGE AT THE DISCRETION ON THE INSTRUCTOR.

Course Outline

Date	Topic	Assignment
January 22	Course Overview Health Assessment and the Nurse The Health History Approach to the Physical Assessment	Chapters 1, 2, 3
January 29	Assessing Pain Mental Health Assessment Teaching the Patient Computer Class	Chapters 4, 5, 6 Genogram Due Badzek; Keller & Baker; Killian & Waite
February 5	Assessing Wellness Assessing Nutrition Spiritual Assessment	Chapters 7, 8, 9 Select Cultural Assessment Topic
February 12	Integumentary System Respiratory System	Chapters 10, 13 Test 1: Chapters 1 – 9 Cultural Reference List & Outline Due
February 19	Head, Face, and Neck Eye and Ear	Chapters 11, 12 Cultural Assessment Due
February 26	Cardiovascular System	Chapter 14 Test 2: Chapters 10- 13
Spring Break March 2 – 6		
March 12	Peripheral – Vascular System Lymphatic System	Chapter 15 Select Health Promotion Topic
March 19	Breast Female GU System	Chapters 16, 18
March 26	Abdomen Male GU System	Chapters 17, 19 Test 3: Chapters 14 – 16; 18 Health Promotion Outline & Reference Due

April 2	Sensory- Neurologic System	Chapter 21 Health Promotion Project Due
April 9	Motor – Musculoskeletal Putting it all together	Chapters 20, 22 Health Promotion Community Presentation
April 16	Mother to be Newborn and Infant Family Assessment Community Assessment	Chapters 23, 24 Test 4: Chapters 17, 19, 20-22 Weber and Kelly
April 23	Toddler and Preschooler School Age & Adolescent	Chapters 25, 26 Head to Toe Taped Physical Due Test 5: Chapt 23, 24, Weber and Kelly
April 30	Assessing the Older Adult Clinical Check offs	Chapter 27
May 7	TBA	Cumulative