



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



**Nursing 332.2: Pharmacology II**  
**Spring Semester Junior Level**

(Revised January 22, 2013)

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Office Hours: As posted at office and by appointment

**Class:** Wednesday 10:20- 11:30, Friday (problem solving session) 10:20-11:30 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, (2011). Focus on nursing pharmacology. Philadelphia: Lippincott Williams & Wilkins.

Karch, A. M. (2011). Study guide for focus on nursing pharmacology (5th ed.). Philadelphia:

Lippincott Williams & Wilkins.

### **Required Supplements:**

*Iclicker™ v6.1 Student Response System* (available for purchase at the Moravian College Bookstore register). I-clickers are required for all students and will be used during class time. Students are required to bring their I-clickers to class with them. It is the student's responsibility to make sure that the I-clicker is working and that battery life is sufficient. I-clickers will be used in several ways to:

- Monitor Attendance.
- Serve as a method for in-class quizzing. Two to five random questions will be asked during class times that supports course readings. These 'quiz' questions will be scored and used towards the participation grade. Each student who answers a question will receive 1 point; 2 points will be awarded for each correct answer.
- Ask 'On the fly' questions. This is a way to actively participate in classroom learning. No points will be awarded for these questions.
- Poll the audience by 'survey'. These questions are not graded but will serve as a method for polling content understanding.

### **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. **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.
4. The Writing Center is located in a building that is not accessible to persons with mobility impairments. If you need the services of the Writing Center, please call 610-861-1392

**Methods of Evaluation:\*\***

1. Four exams	52 %
2. Paper on Pharmacology topic	10%
3. Drug class presentation	10%
4. ATI Proctored Exam	10%
5. Quizzes, I-clicker activities	3%
6. 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.

**Grading Policy:**

1. Papers must be typed according to APA style (5<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

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

**ATI Assessments (See ATI Directive)**

(10%)

All students are required to take the Pharmacology online practice assessment and focused reviews of missed topics prior to the Pharmacology proctored assessment in order to remediate in low performing areas. The online Pharmacology practice assessment Form A and focused reviews of the practice assessment **must be completed by Wednesday April 10, 2013.**

All students are required to complete the ATI Proctored Pharmacology Assessment on **Friday April 12, 2013: Proficiency level 2** is the benchmark set by the nursing faculty.

If this benchmark has not been achieved, students will be required to complete:

- focused reviews on the ATI website
- ATI on-line Pharmacology Practice Assessment Form B (which has rationale statements).
- Repeat the Fundamental Proctored assessment

This remediation must be completed by **Wednesday April 24, 2013.** Hard copy confirmation of completion must be given to instructor at that time.

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.

\*Please note that Moravian College encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact the event sponsor, or call 610-861-1408 at last one week prior to the event.\*

<b>Week</b>	<b>Topic</b>	<b>Readings</b>	<b>Assignments/Exams</b>
Week 1: 1/16/13 1/18/13	Course introduction review course materials - -Anti-infectives  -Antibiotics	Chapters 8, 9  ATI- Unit 12	Class
Week 2: 1/23/13 1/25/13	- Antiviral  - Antifungals	Chapters 10, 11  ATI-Unit 12	Class
Week 3: 1/30/13 2/1/13	- Antiprotozoal  - Antihelminitics	Chapters 12, 13  ATI- Unit 12	<b>Exam #1 (Friday)</b>
Week 4: 2/6/13 2/8/13	Pain and Inflammation  -Antiinflammatory Agents  -Nonopioid and Opioid Analgesics	Chapters (15), 16, 26  ATI- Unit 9	<b>Drug Class Presentation (Friday)</b>
Week 5: 2/13/13 2/15/13	-Adrenergic Agonists  -Adrenergic Blocking Antagonists	Chapters (29), 30, 31  ATI- Unit 2	<b>Drug Class Presentation (Friday)</b>  <b>Identify paper topic</b>
Week 6: 2/20/13 2/22/13	-Cholinergic Agonists (Alzheimer's)  - Anticholinergic Agents	Chapters 32, 33  ATI- Unit 2	<b>Exam #2 (Friday)</b>
Week 7: 2/27/13 3/1/13	-Anti-seizure Agents  -Antiparkinsonism Agents	Chapters 23, 24  ATI- Unit 2	<b>Drug Class Presentation (Friday)</b>
Week 8: no class  <b>3/5 &amp; 3/7/13</b>	<b>Break</b>	<b>Break</b>	
Week 9:	<b>Paper Due and Presentation</b>		<b>Complete Presentations</b>

3/13/13			<b>(Friday)</b>
3/15/13			
Week 10: 3/20/13 3/22/13	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>Drug Class Presentations (Friday)</b>
Week 11: 3/27/13 3/29/13	-Neuromuscular Disorders: MG, MS and muscle spasms	Chapters 25, 28	<b>Break No Class (Friday)</b>
Week 12: 4/3/13 4/5/13	Psychiatric Medications- Guest- Dr. Adamshick -Antipsychotics and Anxiolytics  -Antidepressants and Mood Stabilizers	Chapters 20, 21, 22	<b>Exam #3 (Friday)</b>
Week 13: 4/10/13 4/12/13	- Respiratory Agents -Drugs for Upper -Drugs for Lower	Chapters (53), 54, 55 ATI- Unit 3	<b>ATI Proctored Exam Location TBA (Friday)</b>
Week 14: 4/17/13 4/19/13	-Drugs for Urinary Tract Disorders  -Drugs for Derm	Chapter 52 Appendix B ATI- Unit 12	<b>Drug Class Presentation (Friday)</b>
Week 15: 4/24/13 4/26/13	<b>Exam # 4 (Wednesday)</b>		<b>Review Final Exam (Friday) *Classes end 4/27/13</b>
Week 16: <b>Finals 4/29/13 5/3/13</b>			<b>Final Exam Tuesday 4/30/13 8:30 AM</b>

**\*This syllabus is subject to change\***