



PHARMACOLOGY FOR NURSING

COURSE SYLLABUS

NUR 2140

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GENERAL CLASS & COURSE INFORMATION

Course number: NUR 2140

Class Reference Number: Multiple

Term: 2013-1

Course title: Pharmacology for Nursing **Credit/Contact hours:** 3 Credits

Course Description:

This course begins the nursing student's education on the concepts of Pharmacotherapeutics, establishing a knowledge base that applies to patient care and education. At the completion of this course the student will understand the major drug classifications, through the use of prototypes and understand the five concepts of human functioning emphasizing Pathophysiology structured on the steps of the Nursing process.

Course Learning Outcomes: As a result of taking this course, the student will be able to:

1	Cite historical perspectives contributing to the development of pharmacology through the present.
2	Utilize the nursing process and the five concepts of human functioning to assess appropriate/inappropriate responses to therapy.
3	Identify the roles of the professional nurse in relation to medication administration and education in both acute care and community health settings.
4	Explain the correct measures to ensure the prevention of medication errors.
5	Employ critical thinking skills to determine the effectiveness of medication administration on client care outcomes.
6	Predict potential drug-drug interactions and drug-food interactions based on physiologic responses to pharmacological agents and apply critical thinking skills for appropriate intervention.
7	Recognize differences in physiology and pathophysiology that must be considered in assessing correct dosages administered to "at risk" populations such as the fetus, infant, child, pregnant woman, and the frail elderly.
8	Describe the legal and ethical principles related to research and practice of medication administration in nursing.
9	Relate the differences in Pharmacology use and its effects across the lifespan, when administering medications to culturally diverse populations commonly occurring diseases.
10	Define the pharmacological terminology pertinent to specific categories and classifications of medications in relation to drug effects on commonly occurring diseases.
11	Identify major classifications of pharmacotherapeutics by prototypes as used in the treatment of commonly occurring health challenges.
12	Interpret effective communication in reports of the action, rationale for use, common and/or life-threatening side effects, nursing implications, and client teaching issues for each major classification of medications.

[Course Outline for NUR2140 - PHARMACOLOGY FOR NURSING](#)

Textbooks information:

1. Adams, P., Holland, L. & Urban, C. (2011). Pharmacology for Nurses: a pathophysiologic approach. (3rd Ed) New Jersey: Prentice Hall. ISBN 13-978-0-13-508981-1.
2. Pearson. (2011): www.mynursingkit.com
3. Wilson, B. et al (2012). Nurse's drug guide 2012 New Jersey: Prentice Hall. ISBN-10: 0-13-259867-X or ISBN-13: 978-0-13-255867-9
4. Palm Beach State College Syllabus for [NUR 2140 Syllabus](#) is posted online.

You may purchase your textbook(s) at any one of Palm Beach State College's campus bookstores or [online](#).

The Electronic [Essential Nursing Resources \(ENR\)](#) Video list is recommended & available in [MTIS](#) (Media Technology and Instructional Services) located on the first floor of the LLRC.

Web Content Information: This course has an Internet Component which is on the [BlackBoard Learn eLearning Campus](#). **To pass this course, you must be able to access this web site.**

It is the student's responsibility to have accessed this site no later than **the semester start date**. The web site has a security system which requires a *Sign on* and a *Password*. Only registered students will be able to access the course. On-line students are not permitted to attend "live lecture classes".

To login to the course web site:

User Name & Password: Use your PantherWeb sign on information.

Your Palm Beach State College Student ID Number can be found on the back of your student ID card. If you do not have a student ID card, you **MUST** obtain one in the bookstore at Lake Worth campus. For obtaining a student ID card on other campuses, check with each campus directly.

What do I do if I forget my password or need assistance with Blackboard?

[E-mail the Blackboard administrator](#). You can also email the Palm Beach State College [Student Help Desk](#) or contact them by phone at (561)868-4000. Be sure you have the following information available:

- your full name
- your Palm Beach State College Student ID number
- course with the reference number
- details of the assistance needed and any error messages

The [Student Help Desk Hours of Operation](#) are posted on the web page:

On hours and days that the Help Desk is closed, the student may leave a voice message or an e-mail and the issue will be addressed the next business day.

"Netiquette Rule" requirements

Refer to the web site for network application. The faculty expectation is for student adherence to the same standards of behavior online that you follow in real life.

PROFESSOR'S CONTACT INFORMATION

<p><u>Carol Alexander, MSN, RN</u> Professor II BA 121 (561) 868-3425 <u>Email</u></p>	<p><u>Louise Aurelien, EdD, MS, RN</u> Professor II AH 316 (561) 868-3697 <u>Email</u></p>
<p><u>Deborah Marshall, MSN, RN</u> Professor II AH 107, (561) 868-3440 <u>Email</u></p>	
<p>Faculty Office Hours are Posted on Faculty Web Pages and Outside Office</p>	

CLASS REQUIREMENTS

Assignments: NUR 2140 will have six exams, a cumulative final exam, a written paper; assigned case studies; and class participation. See grading scale for details. All students are encouraged to participate fully in classroom activities. All readings, classroom discussions, AV material, and guest speakers are testable material.

Late Assignment Policy: All late assignments will lose 5% for each day beyond the scheduled due date unless prior arrangements have been approved by the instructor.

Nursing Department Grading Scale and Policy

90 - 100 = A
83 - 89 = B
75 - 82 = C
Below 75 = F

The minimum score to pass the course is 75%.

All students must achieve an average grade of 75% on all tests before grades for assignments, journal critique, and class participation will be added for a final grade. An end of course grade of 75% is required to pass this course.

Tests, Quizzes And Final Examination - Your course grade will be determined by the following:

Test 1	=	10%
Test 2	=	10%
Test 3	=	10%
Test 4	=	10%
Test 5	=	10%
Test 6	=	10%
Final Exam	=	20%
Paper/Journal Article	=	5%
Class participation	=	10%
<u>Assignments/Discussions</u>	=	<u>5%</u>
Total		100%

Make-up Exam Policy:

Please see [Nursing Student Handbook](#) for standard Nursing policy related to Essay Make-up Exams.

CLASS POLICIES AND METHODOLOGY

Attendance: Professors are required to take attendance. **Students are expected to attend all classes.** Students who are actively involved in their learning are more successful. Students are expected to complete all class work and homework and participate in structured class discussions. .

ALL students are expected to attend all classes. In the event of an absence due to extenuating circumstances, the student is expected to notify the appropriate faculty member.
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Electronic Device Use: Laptops and Hand-held devices are allowed in class for note-taking purposes, only. The use of Hand-held devices that are IPOD capable are encouraged to facilitate downloadable information as learning strategies and study tools. Cell phones must be turned off in class and are prohibited in the campus Testing Centers.

Email Policy: All students have access to a college email account. It is the responsibility of the student to activate this account in order to be kept current with college, program and course information. This course has a web component that has email within the course. Course email should be used for all course-related communications with faculty.

Faculty will contact students via college and course email, so be certain to check these email accounts twice weekly for any updates or changes to coursework.

Equipment & Supplies: Required text books; access to a computer with active Internet service; word processing and printing capabilities are essential to be successful in this class.

Professor's Expectations: The student will participate in discussions; will observe "Netiquette"; will read the assigned chapters; will make an appointment with the faculty member at the first indication of a test grade below 75%, for faculty mentoring and remediation plans.

Methods of Instruction:

1	Selected reading	8	Student group work
2	Lectures	9	Written Paper
3	Demonstrations	10	Study Guides
4	Discussions	11	Interactive Educational Activities
5	Audiovisuals	12	Internet – Blackboard Learning System
6	Interactive video software programs	13	Student Lead Presentation
7	Computer-Assisted Instruction	14	Critical Thinking Exercises

Classroom Strategies

- A. Class Discussion
- B. Media Presentations: Video, Transparencies, PowerPoint
- C. Group Presentations/Case Scenarios
- D. Critical Thinking Exercises

Evaluation Methods

- A. Group/Individual Activities
- B. Critical Thinking Assignments
- C. Class Attendance/Participation
- D. Periodic Exams, Final Examination
- E. Critique of a Journal Article/written paper

Unique Requirements of the Class: This course has an Internet Component which is on the [BlackBoard Learn](#) eLearning Campus.

To pass the course, you must be able to access this web site.

Although Nursing is a limited access program and as such maintains policies and procedures specific to Nursing Department needs, all students enrolled in a nursing course will adhere to the Palm Beach State College policies as stated in the Palm Beach State College Student Handbook.

All students enrolled in a Nursing course must maintain compliance with the policies and procedures published in the Nursing Student Handbook in addition to those established for the general college population by Palm Beach State College.

Please refer to the following documents:

- Palm Beach State [College Student Handbook](#):
- Palm Beach State College [Nursing Student Handbook](#):
- [PantherWeb](#) Student Information:

COLLEGE POLICIES AND WEB INFORMATION

Academic Dishonesty

Academic dishonesty includes the following actions, as well as other similar conduct aimed at making false representation with respect to the student's academic performance:

(1) Cheating on an exam, (2) Collaborating with others on work to be presented, if contrary to the stated rules of the course, (3) Submitting, if contrary to the rules of the course, work previously submitted in

another course, (4) Knowingly and intentionally assisting another student in any of the above actions, including assistance in an arrangement whereby work, classroom performance, examination, or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed, (5) Plagiarism.

Please refer to the **Palm Beach State [College Student Handbook](#)**

Classroom Etiquette and Student Behavior Guidelines

Students will demonstrate respect for professors and fellow students. Behavior that is disruptive to a positive learning environment reported by the professor will result in a warning on the first instance; the second instance might result in expulsion from the course or campus.

Computer Competency Component

Each student will, to the satisfaction of the professor, demonstrate a fundamental understanding of basic computer operations through various professor-determined exercises and/or assignments.

Disability Support Services

Students with disabilities are advised, in compliance with federal and state laws, that accommodations and services are available through the office of [Disability Support Services](#) (DSS). It is the student's responsibility to contact [Disabled Student Services Advisors](#) and to submit appropriate documentation prior to receiving services.

Eating, Drinking and Smoking

Eating and drinking are confined to areas designated on the campus. Smoking is not permitted in any College building and only in areas designated at each campus.

Student Responsibility Policy

When a student attends the College, s/he becomes subject to its jurisdiction. Students are expected to conduct themselves in a responsible manner, in all areas of campus life. By enrolling, they pledge to obey the rules and regulations of the College and are responsible for observing all College policies and procedures as published in the student handbook, the College catalog and other College publications. The student will be responsible for preparing for class, participating in class, and completing assignments on time.

Palm Beach State [College Websites Of Interest](#)

Withdrawal Policy for Individual Courses: The last day to withdraw from a College course with a "W" grade in this course is posted on the college academic calendar. It is the responsibility of the student to use the PantherWeb system or visit a campus Registrar's office to withdraw. An official withdrawal entitles the student to a grade of "W" in the class.

DEPARTMENT CONTACT INFORMATION

Kellie Bassell, MSN, EdS, RN
Nursing Program Director
AH 110 (561) 868-3412
Fax (561) 868-3452

[Email](#)

GETTING STARTED

1. Make sure you have all the computer system requirements as listed in the Computer Requirements section of this syllabus.
2. Obtain course materials. The textbook(s) can be purchased at the Palm Beach State College campus bookstore or [online](#).
3. Log onto the course web site [BlackBoard Learn eLearning Campus](#). Use your PantherWeb logon information.
4. Once inside the course website, read the "Mandatory Online Orientation" and complete the *Orientation Quiz*.
5. Explore the different parts of the website. Be sure you print the syllabus, course calendar or class schedule, and assignment sheet so that you know what is expected of you during the semester.
6. Begin completing your assignments as listed on the course calendar and/or class schedule.
7. Print the note-taking handouts for each section of content.

Have fun!

Disclaimer

Changes may be made to the syllabus at any time during the term by announcement of the professor. It is the responsibility of the student to make any adjustments as announced.

CRITIQUE DIRECTIONS AND GRADING TOOL

**NUR2140 OPINION PAPER/ JOURNAL ARTICLE CRITIQUE
GRADING RUBRIC**

Graded Element	Possible Points	Actual Points Earned
1. <i>Printed copy of article or typed source of assigned media attached to critique</i>	<i>5 points</i>	
2. <i>APA format with 3 Refs</i>	<i>10 points</i>	
3. <i>Opening Summary Paragraph</i>	<i>10 points</i>	
4. <i>Opinion of media topic /Analysis of article</i>	<i>40 points</i>	
5. <i>Impact on Nursing Statement Conclusion</i>	<i>25 points</i>	
6. <i>Appropriate spelling & grammar</i>	<i>10 points</i>	
<i>Total Score</i>	<i>100 points</i>	

Note: Paper must be submitted by due date to be graded. Late papers will not be accepted unless prior arrangements have been made with instructor. If accepted, a late paper will lose 5 points for every day it is late. **This paper is mandatory and must be submitted in order to receive a grade for this course**

Please note the following directions:

This paper must be written on assigned media or article from the list provided, not chosen randomly.

Papers should not exceed 2 pages, plus the Title page and Reference page.

Title page must include the student's name; course and number; the day and time of class; and the title of the article read.

Submit a copy of this rubric for grading and comments.

COURSE CONTENT BY CONCEPTS

UNIT I: PROFESSIONALISM - PHARMACOLOGY FOR NURSING

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 2. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Drug Regulation and Approval B. Drug Classifications and Schedules C. Emergency Preparedness in the 21st Century D. Principles of Drug Administration, E. Drug Therapy Considerations Throughout the Lifespan F. Herbal and Alternative Therapies G. Nursing Process H. Client Teaching Including Transcultural Consideration I. Legal and Ethical Issues Related to Drug Administration J. Biosocial Aspects of Pharmacotherapy Including Substance Abuse 	<p>Required Reading: Adams, Holland & Urban text Chapters 1-12</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT II & III: SENSORY, PERCEPTION, COGNITION – DRUGS AFFECTING THE NERVOUS SYSTEM

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 3. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Central Nervous System Stimulants B. Antidepressant and Antipsychotic agents C. Antianxiety, Sedative, Hypnotic agents D. Psychotherapeutic agents E. Autonomic Nervous System Agents F. Anesthetic agents G. Analgesic (Pain Management) agents H. Anticonvulsant agents 	<p>Required Reading: Adams, Holland & Urban text Chapters 13-19</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT IV: REGULATION & CELLULAR INTEGRITY - DRUGS AFFECTING THE CARDIOVASCULAR & RENAL SYSTEMS

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 4. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Drugs for Heart Failure B. Drugs for Hypertension C. Drugs for Dysrhythmia D. Drugs for Angina, Myocardial Infarction and Cerebrovascular Accident E. Drugs for Lipid Disorders 	<p>Required Reading: Adams, Holland & Urban text Chapters 22-26</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT IV: REGULATION & CELLULAR INTEGRITY - DRUGS AFFECTING THE CIRCULATORY & RENAL SYSTEMS

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 5. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Drugs for Coagulation Disorders B. Drugs for Hematopoietic Disorders C. Anemias D. Diuretics E. Drugs for Fluid, Electrolyte and Acid-Base Disorders <ol style="list-style-type: none"> 1. Fluid replacement agents 2. Acid-Base Balance 	<p>Required Reading: Adams, Holland & Urban text Chapters 27-31</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT V: CELLULAR INTEGRITY - DRUGS AFFECTING THE IMMUNE & RESPIRATORY SYSTEMS

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 6. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Drugs for Immune System Modulation B. Drugs for Inflammation, Fever, and Allergies C. Drugs for Bacterial Infection D. Drugs for Fungal, Protozoan and Helminth Infections E. Drugs for Viral Infections F. Drugs for Neoplasia G. Oxygenation Agents 	<p>Required Reading: Adams, Holland & Urban text Chapters 32-37</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT VI: REGULATION & CELLULAR INTEGRITY - DRUGS AFFECTING THE GASTROINTESTINAL, ENDOCRINE & REPRODUCTIVE SYSTEMS

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 7. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Pituitary and Hypothalamus Disorders B. Adrenal Gland Disorders C. Pancreatic Disorders D. Drugs for Disorders and Conditions of the Female Reproductive System E. Drugs for Disorders and Conditions of the Male Reproductive System F. Drugs for Peptic Ulcer Disease G. Drugs for Bowel Disorders H. Drugs for Nausea and Vomiting I. Drugs for Weight Loss J. Drugs for Nutritional Disorders 	<p>Required Reading: Adams, Holland & Urban text Chapters 40-46</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

**UNIT VII: MOBILITY & CELLULAR INTEGRITY - DRUGS AFFECTING
THE MUSCULOSKELETAL SYSTEM, INTEGUMENT, EYE & EAR**

OBJECTIVES	RELATED LEARNING ACTIVITIES	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 8. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Degenerative disease agents B. Drugs for Degenerative Disease of the Musculoskeletal System <ol style="list-style-type: none"> 1. Drugs for Muscle Spasms and Spasticity 2. Drugs for Bone and Joint Disorders 	<p>Required Reading: Adams, Holland & Urban text Chapters 20-21, 47</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>

UNIT VII: CELLULAR INTEGRITY - DRUGS AFFECTING THE INTEGUMENT, EYE AND EAR

OBJECTIVES	CONTENT	RELATED LEARNING ACTIVITIES
<p>The student will:</p> <ol style="list-style-type: none"> 1. Develop a Pharmacological Profile by Prototype to include: <ol style="list-style-type: none"> a. General uses b. Actions & effects c. Contraindications d. Precautions e. Interactions: <ol style="list-style-type: none"> 1. Drug-Drug 2. Drug-Food 9. Explain the Nursing Role related to implications of Pharmacology through the application of the Nursing Process: <ol style="list-style-type: none"> a. Assessment b. Potential Nursing Diagnosis c. Patient/family teaching d. Evaluation of expected outcomes 3. Identify licensed personnel legally responsible to administer medications. 4. Explain the importance of drug legislation and the role of regulatory bodies. 5. Recognize ethical issues related to drug administration. 6. Describe the role of the professional registered nurse in drug administration related to: <ol style="list-style-type: none"> a. lifespan issues from fetus through geriatric populations b. transcultural beliefs c. safety and the prevention of medication errors d. research and ethics 	<ol style="list-style-type: none"> A. Drugs for Skin Disorders B. Drugs for Eye/Optic Disorders C. Drugs for Ear Disorders 	<p>Required Reading: Adams, Holland & Urban text Chapters 48-49</p> <p>Recommended Activities: www.mynursingkit.com exercises for corresponding chapters.</p> <p>Text companion CD-ROM exercises: Dosage and Calculations Case Study Audio Glossary Toolbox</p>