



HEALTH PROFESSIONS

NURSING PROGRAM

NUR 151 PHARMACOLOGY IN NURSING COURSE OUTLINE

SPRING 2019



COURSE OUTLINE

Course Number: NUR 151

Course Title: Pharmacology in Nursing

Credits: 3

Hours: 3 lecture hours/week x 15 weeks

Catalog description:

Theoretical approach to pharmacology, expanding basic concepts of drug knowledge to administer medication safely. Emphasizes pharmacology as an integrated science requiring up-to-date information consistent with current nursing responsibilities, technology, and practice. Drug therapies affecting body systems are a major consideration.

Prerequisites: MCCC Nursing Program first year completion, or permission of instructor.

Corequisites: None

Required texts/other materials:

Adams, M., Holland, Jr., N., and Urban, C. (201), *Pharmacology for Nurses – A Pathophysiologic Approach*. (5th ed.) Upper Saddle River, NJ: Pearson Prentice Hall.
(ISBN-13:978-0-13-425516-3)

Last revised: 11/2017

Course faculty: Crystal G. Gadd, MSN, RN, AGCNS-BC

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Spring office hours: Monday: 11:45 am to 12:45 pm

Wednesday: 12:00 pm to 2:00 pm

Thursday: 12:00 pm to 1:00 pm

Please contact me if you need to meet on Thursday

Other hours by appointment

Information resources: Textbook, library sources, nursing program handbook. Course outline, Blackboard course shell

Class materials/lectures: Lecture class notes and other pre-class preparation activity assignments are available on the Blackboard website <https://mccc.blackboard.com/>

Click on NUR 151 Pharmacology in Nursing. Students are responsible to review all online course materials, print as appropriate, and review all online resources.

Course Student Learning Outcomes:

At the end of this course the student will be able to:

Describe the nurse's role in the safe administration of pharmacologic agents.

Compare and contrast common drug classifications used in the therapeutic management of common conditions affecting body systems.

Recognize the potential for adverse interactions among medications, foods, and herbal therapies.

NUR 151 Spring 2018 Class Schedule:

Class meets every Monday 1:00-4:00PM

Class start date: Monday, January 28, 2019

Class end date: Monday May 7, 2019

Exam # 1: Monday February 11, 2019

Exam # 2: Monday March 11, 2019

Exam # 3: Monday April 22, 2019

Teaching Plan: Monday April 29, 2019

Final Exam: TBA

Theory:

Theory sessions are based on learning objectives from the course outline are scheduled for 4 hours per week. Textbook readings and other pre-class activities as specified in the Blackboard course shell are assigned based on weekly learning objectives listed in the course outline and should be completed prior to the class session. Interactive learning activities are an integral part of this course. This course contains 3 theory examinations and 1 cumulative final exam.

Evaluation of Student Learning:

GRADING

Course Requirements:

1. Unit Exams (3)
2. Final Exam
3. Teaching Plan

Grading –

Unit Exams	20% each = 60%
Final Exam.....	30%
Teaching Plan.....	10%
Total.....	100%

A	93%-100%
A-	90%-92.99%
B+	87%-89.99%
B	83-%86.99%
B-	80%-82.99%
C+	77%-79.99%
C	70%-76.99%%
D	60%-69.99%
F	59.99% or below

Student must achieve a minimum grade of 77 to pass this course. There will be no rounding of grades according to nursing program policy.

Method of Evaluation:

Unit Exams: Three (3) unit exams, each contain 50 multiple choice or multiple response questions. Each unit exam counts as 20% of the grade for a total of 60% of the grade.

Final Exam will be cumulative multiple choice or multiple response question exam. Final exam counts as 30% of the final grade.

Teaching Plan: A paper detailing medication teaching for a newly discharged patient will be submitted by each student. Grading will be through the teaching plan rubric.

Testing Procedure:

- All belongings, including but not limited to backpacks, books, purses, edibles and liquids, cell phones, and electronic devices are to be placed in the front of the classroom.
- Seating during the exam is at the discretion of the instructor or exam proctor.
- All coats and hats are to be removed during the exam period. Please refer to nursing program testing policy in the Nursing Program Handbook.
- All tests are scored on Scantron forms. The Scantron sheet stands as the formal grade. Please have #2 pencils available for testing.
- All cell phones must be turned off and stored with student belongings during testing.
- After testing, all Scantron forms are secured in sealed envelope, and returned to the nursing office for processing and storage.
- Please refer to the nursing program testing policy in your program handbook for more information on testing.
- In order to successfully pass this course, point scores for the calculation of tests must be **77%** or higher.

Courtesy of Office of First 30:

First Semester Students A coach has been assigned to assist you with navigating your first semester in college. Coaches help with understanding how Mercer works, finding appropriate help with course work, and establishing academic goals. Visit www.mccc.edu/coaching to find your coach or Contact: Arlene Stinson, LB217, 570-3451, SOAR@mccc.edu

Academic Advising after your first semester Faculty advisors provide help with completing your major after your first semester. Meet your faculty advisors! Contact the division of your major to find out who is your faculty advisor.

Liberal Arts Division:	Debbie Stotland,	LA162, 570-3378,	Stotland@mccc.edu
Business Division:	Doris Geck,	BS134, 570-3482,	Geckd@mccc.edu
Math, Science, Health:	Barbara Pieslak,	MS126, 570-3383,	pieslakb@mccc.edu
Undecided major:	Michael Glass	SC201, 570-3530,	glassm@mccc.edu

Use your “MyMercer” Portal! Your “MyMercer” portal contains your MercerMail, financial information, class schedule, grades, and other information. Check your “MyMercer” portal every day! Visit www.mccc.edu/mymercer to access your portal.

Tutoring support Academic support services are free and available for all students. Drop in or contact the following to make arrangements:

Arlene Stinson (WWC), LB 217, 570.3422, stinsona@mccc.edu
Joann Mia (TC), KC311, 570-3128, miaj@mccc.edu

Reasonable Accommodations for Students with Documented Disabilities The Office of Special Services (OSS) provides continued support to students with documented disabilities. Support staff are available to help students with differing abilities make a smooth transition to college as well as to succeed throughout their college experience. Contact:

Arlene Stinson, LB 217, 570-3525, stinsona@mccc.edu

Career and Transfer Center Planning to go to work or to transfer to a 4-year college after completing your Mercer degree? Contact the Career and Transfer Center for support and advice.

Laurene Jones (WWC transfer services), SC201, 570-3307, jonesl@mccc.edu
Michael Glass (WWC career services), SC201 570-3530, glassm@mccc.edu
Kimberley Bowser (TC transfer and career), KC216, 570-3110, bowserk@mccc.edu

Counseling Services Are you experiencing personal challenges, feeling overwhelmed? Are you having stress and anxiety? Counseling services are available free of charge. Contact:

Dorothy Gasparro, SC239, 570-3354, gasparrd@mccc.edu

Veteran’s Services If you are military, veteran, or family member, we offer free support for you. Contact: Drew Daddio, SC220, 570-3240, vets@mccc.edu

Academic Integrity Statement:

ACADEMIC INTEGRITY OMB 210

Mercer County Community College is committed to Academic Integrity -- the honest, fair and continuing pursuit of knowledge, free from fraud or deception. This implies that students are expected to be responsible for their own work, and that faculty and academic support services staff members will take reasonable precautions to prevent the opportunity for academic dishonesty.

The college recognizes the following general categories of violations of Academic Integrity, with representative examples of each. Academic Integrity is violated whenever a student:

A. Uses or obtains unauthorized assistance in any academic work.

- copying from another student's exam.
- using notes, books, electronic devices or other aids of any kind during an exam when prohibited.
- stealing an exam or possessing a stolen copy of an exam.

B. Gives fraudulent assistance to another student.

- completing a graded academic activity or taking an exam for someone else.
- giving answers to or sharing answers with another student before, during or after an exam or other graded academic activity.
- sharing answers during an exam by using a system of signals.

C. Knowingly represents the work of others as his/her own, or represents previously completed academic work as current.

- submitting a paper or other academic work for credit which includes words, ideas, data or creative work of others without acknowledging the source.
- using another author's words without enclosing them in quotation marks, without paraphrasing them or without citing the source appropriately.
- presenting another individual's work as one's own.
- submitting the same paper or academic assignment to another class without the permission of the instructor.

D. Fabricates data in support of an academic assignment.

- falsifying bibliographic entries.
- submitting any academic assignment which contains falsified or fabricated data or results.

E. Inappropriately or unethically uses technological means to gain academic advantage.

- Inappropriately or unethically acquiring material via the Internet or by any other means.
- using any electronic or hidden devices for communication during an exam.

Each instructor and academic support service area is authorized to establish specific guidelines consistent with this policy.

CONSEQUENCES FOR VIOLATIONS OF ACADEMIC INTEGRITY

For a single violation, the faculty member will determine the course of action to be followed. This may include assigning a lower grade on the assignment, assigning a lower final course grade, failing the student in the course, or other penalty appropriate to the violation.

In all cases, the instructor shall notify the Chair of the Academic Integrity Committee of the violation and the penalty imposed.

When two (or more) violations of academic integrity are reported on a student, the Academic Integrity Committee (AIC) may impose disciplinary penalties beyond those imposed by the course instructors. The student shall have the right to a hearing before the AIC or a designated AIC subcommittee.

APPEALS

The student has a right to appeal the decision of the instructor or the Academic Integrity Committee. Judicial procedures governing violations of Academic Integrity are contained in the Student Handbook.

Approved by the MCCC Board of Trustees March 18, 2004

ADA Statement: Accessibility Statement

Mercer County Community College is committed to ensuring the full participation of all students in its programs. If you have a documented differing ability or think that you may have a differing ability that is protected under the ADA and Section 504 of the Rehabilitation Act, please contact Arlene Stinson in LB 216 email: stinsona@mcccc.edu for information regarding support services.

If you do not have a documented differing ability, remember that other student resources are available to all students on campus including academic support through our Learning Center located in LB 214.

Weekly Course Outline

Week	Conditions/Medications	Assessment
1 – January 28, 2019	Introduction Regulation/Development Principles of Administration Physical Process Nurse/Patient Relationship Lifespan Considerations/ Complementary Therapy	
2 – February 4, 2019	Cholinergic Medications Adrenergic Medication Seizure Medications Degenerative Neurological Disorders Neuromuscular Disorders	
3 – February 11, 2019	Anxiety and Insomnia Medications Emotional, Mood, Behavioral Medications Psychoses	Exam 1
4 – February 18, 2019	Pain Local/General Anesthesia Substance Abuse	
5 – February 25, 2019	Lipid Disorders Hypertension Diuretic Therapy/Renal Failure Fluid Balance, Electrolyte, Acid-Base	
6 – March 4, 2019	Shock Heart Failure Angina Pectoris & Myocardial Infarction Dysrhythmias	
7 – March 11, 2019 Spring Break March 18 th - 24 th	Coagulation Disorders Hematopoietic Disorders Neoplasia	Exam 2
8 – March 25, 2019	Inflammation and Fever Immune Modulation Viral Infections Fungal, Protozoan, & Helminthic Infection	
9 – April 1, 2019	Bacterial Infection Allergic Rhinitis & Common Cold Asthma and Other Pulmonary Disorders	
10 – April 8, 2019	Peptic Ulcer Disease Bowel Disorders Other Gastrointestinal Disorders Nutritional Disorders	

11 – April 15, 2019	Pituitary, Thyroid, & Adrenal Disorders Diabetes	
12 – April 22, 2019	Female Reproductive Conditions & Disorders Male Reproductive Conditions & Disorder	Exam #3
13 – April 29, 2019	Bone & joint Disorders Skin Disorders Eye & Ear Disorders	Client Teaching Plan
14 – May 6, 2019	Client Teaching Plan Presentations Content Review	
May 13, 2019		Final Exam (Date may change after exam schedule is released)

Weekly course outline, test and assignment dates are subject to change at instructor's discretion.

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
1	<p>Core Concepts in Pharmacology -Introduction to Pharmacology: Drug Regulation & Approval -Drug Classes & Schedules -Principles of Drug Administration -Pharmacokinetics -Pharmacodynamics</p> <p>Pharmacology & the Nurse-Client Relationship -The Nursing Process in Pharmacology -Drug Administration throughout the Lifespan -Medication Errors & Risk Reduction -Psychosocial, Gender, & Cultural Influences on Pharmacotherapy -Substance Abuse</p> <p>The topic of herbal medications will also be discussed with each system</p>	<ul style="list-style-type: none"> • Demonstrate understanding of the role of pharmacokinetics and pharmacodynamics in medications administration. • Relate the ethical aspects of drug administration and the nurse's role. • Apply the function and purposes of the nursing process as related to drug therapy. • Apply the influence of age on the effects of medications for a client. • Demonstrate the importance of client education in the administration of medications. • Apply correct techniques for medication administration. <ul style="list-style-type: none"> • Compare and contrast the effects of herbal medication and their possible drug interactions 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 1 - 10 • Please review blackboard resources (PowerPoint(s), and video link(s)).

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
2	<p>Drugs Affecting the Autonomic Nervous System -Adrenergic Agonists -Adrenergic Blocking Agents</p> <p>-Cholinergic Drugs -Cholinergic-Blocking Drugs</p> <p>Seizure Drugs</p> <p>Drugs for Degenerative Diseases of the Nervous System -Drugs for Parkinson's Disease</p> <p>-Drugs for Alzheimer's Disease</p> <p>-Drugs for Neuromuscular Disorders</p>	<ul style="list-style-type: none"> • Review the sympathetic nervous system as related to drug therapy with adrenergic agents. • Discuss the nurse's role in assessment of the effects of adrenergic agonists, adrenergic antagonists, cholinergic, and cholinergic blocking drugs. • Break down the function of cholinergic receptors with contrast of stimulation versus blocking of these receptors. • Identify the mechanisms of action, dosage forms, routes of administration, cautions, contraindications, drug interactions, adverse effects, patient tolerance, toxicity and patient education with the use of cholinergic blocking drugs. • Describe strategies to enhance compliance in the patient taking antiepileptic drugs • Discuss the pathophysiology related to Parkinson's disease. • Compare and contrast the different classes of medications used in the treatment of Parkinson's disease including the first and second line drugs used in therapy. • Analyze the mechanisms of action, dosage forms, routes of administration, cautions, contraindications, drug interactions, adverse effects, patient tolerance, toxicity and patient education with the use of anti-parkinsonian drugs. • Explain the goals of pharmacotherapy for Alzheimer's disease and the efficacy of existing medications. • Categorize drugs used in the treatment of Alzheimer's disease. • Compare and contrast the various drugs used to treat neuromuscular disorders 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 12, 13,15,20,21 <p>Please review blackboard resources (PowerPoint(s), video link(s), and any case studies.</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
3	<p>-Drugs for Anxiety and Insomnia</p> <p>-Drugs for Emotional and Mood and</p> <p>-Behavioral Disorders</p> <p>Drugs for Psychoses</p>	<ul style="list-style-type: none"> • Compare and contrast the various drugs in the following classes of psychotherapeutic agents: antianxiety agents, antidepressants, antimanic agents, antipsychotics. • Identify the mechanism of action, indication, therapeutic effects, adverse effects, toxic effects, drug interactions, contraindications and cautions associated with various psychotherapeutic drugs. • Develop a nursing plan of care that includes all phases of the nursing process related to administration of psychotherapeutics. • Develop client education for this population of clients. <p>(Exam 1 will be given first hour of lecture class)</p>	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 14, 16, 17 <p>Please review blackboard resources (PowerPoint(s), video link(s), and, case studies.</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
4	<p data-bbox="226 302 552 375">-Drugs for the Control of Pain</p> <p data-bbox="226 634 552 708">-Drugs for Local and General Anesthesia</p> <p data-bbox="226 781 552 813">-Substance Abuse</p>	<ul data-bbox="615 302 1465 854" style="list-style-type: none"> • Compare and contrast the difference between an opioid agonist, agonist-antagonist, and antagonist • Identify the mechanisms of action, dosage forms, routes of administration, cautions, contraindications, drug interactions, adverse effects, patient tolerance, toxicity and patient education with the use of pain control drugs • Identify the role of the nurse in promoting client compliance with drug therapy for pain control • Identify the role of the nurse in assessment of the effects of local/general anesthesia and the different drugs. • Identify the role of the nurse in the assessment and care of clients with substance abuse disorders 	<p data-bbox="1476 302 1934 326">Pharmacology for Nurses:</p> <ul data-bbox="1476 367 1934 391" style="list-style-type: none"> • Chapters: 18, 19, 22 <p data-bbox="1476 464 1934 553">Please review blackboard resources (PowerPoint(s), video link(s), and case studies).</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
5	<p>The Cardiovascular & Urinary Systems -Drugs for Lipid Disorders -Drugs for Hypertension</p> <p>-Diuretic Therapy & --- Drugs for Renal Failure</p> <p>- Drugs for Fluid Balance, Electrolyte and Acid-Base Disorders</p>	<ul style="list-style-type: none"> • Identify the various antilipemic agents commonly used to treat hyperlipidemia. • Discuss and define hypertension, with comparison of primary and secondary hypertension and their related manifestations. • Discuss protocol for treating hypertension. • Discuss the most recent guidelines; compare the various drugs used in the pharmacologic management of hypertension with regard to mechanism of action, specific indications, adverse effects, toxic effects, cautions, contraindications, dosages and routes of administration. • Discuss the normal anatomy of the renal system. • Discuss the impact of the renal system on hypertension. • Discuss how diuretics work in the renal system. • Discuss indications for the use of diuretic therapy • Compare and contrast the use of colloids and crystalloids in fluid replacement therapy. 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 23, 26, 24,25 <p>Please review blackboard resources (PowerPoint(s), video link(s), ticket to class), case studies, My Nursing Lab</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
6	<p data-bbox="226 248 457 280">-Drugs for Shock</p> <p data-bbox="226 435 447 508">-Drugs for Heart Failure</p> <p data-bbox="226 662 520 768">-Drugs for Angina Pectoris & Myocardial Infarction</p> <p data-bbox="226 922 415 995">-Drugs for Dysrhythmias</p>	<ul data-bbox="615 248 1444 1393" style="list-style-type: none"> • Compare and contrast the types of shock. • Explain the mechanism of action, primary actions, and important adverse effects in each of the classes of drugs used in the treatment of shock. • Use the Nursing Process to care for clients who are receiving drug therapy for shock. • Discuss and describe the effects of cardiac glycosides and other positive inotropic drugs on the failing and/or diseased heart. • Discuss the pathophysiology of myocardial ischemia and the subsequent experience of angina. • Discuss the various factors that may precipitate angina and measures to decrease the occurrence. Discuss the differences in the major classes of antianginal drugs with regard to their mechanisms of action, dosage forms, routes of administration, cautions, contraindications, drug interactions, adverse effects, patient tolerance, toxicity and patient education. • Compare and contrast rapid versus slow digitalization including nursing consideration, food interactions and laboratory tests. • Identify significant drugs, laboratory tests, and food interactions associated with positive inotropic agents. • Compare and contrast the differences between inotropic, chronotropic, and dromotropic terms. • Compare, contrast and then discuss the various dysrhythmias with regard to their basic characteristics, the impact on the structure of the heart and related symptoms. • Identify the various classes of antidysrhythmic agents as determined by their mechanism of action. 	<p data-bbox="1480 248 1770 280">Pharmacology for Nurses:</p> <ul data-bbox="1480 313 1837 345" style="list-style-type: none"> • Chapters: 29, 27, 28, 30 <p data-bbox="1480 410 1896 500">Please review blackboard resources (PowerPoint(s), video link(s), and case studies)</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
7	<p>-Drugs for Coagulation Disorders</p> <p>-Drugs for Hematopoietic Disorders</p> <p>-Drugs for Neoplasia (Cancer)</p>	<ul style="list-style-type: none"> • Identify the indications for and contraindications to the use of coagulation modifiers. • Discuss the administration procedures, laboratory tests, and diet modifications for the various coagulation modifiers. • Explain the nurses role in the pharmacologic management of hematopoietic disorders • Discuss the purpose of Antineoplastic and biologic response modifiers in the treatment of neoplasm. • Identify the three primary therapies for cancer. • Explain the nurses' role in the pharmacologic management of cancer. • Describe the general adverse effects of chemotherapeutic agents. • Use the nursing process to plan care for patients receiving antineoplastic medications. <p>(Exam 2 will be given the first hour of class)</p>	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 31, 32, 38 <p>Please review blackboard resources (PowerPoint(s), video link(s), and case studies)</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
8	<p>The Immune System</p> <p>-Drugs for Inflammation and Fever</p> <p>-Drugs for Immune System Modulation</p> <p>-Drugs for Viral Infections</p> <p>-Drugs for Fungal, Protozoan, and Helminthic Infections</p>	<ul style="list-style-type: none"> • Describe the actions of nonsteroidal anti-inflammatory drugs and Anti-gout agents • Describe effects of the immune system with attention to various types of immunity. • Identify the role of immunosuppressive therapy in the treatment of autoimmune diseases. • Discuss the process of immunosuppression in patients with viral infections, specifically those with HIV. • Identify the teaching needs of clients receiving antifungal medications. • Identify the indications for use of antimalarial and antiprotozoal 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 33, 34, 37, 36 <p>Please review blackboard resources (PowerPoint(s), video link(s), and case studies</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
9	<p data-bbox="226 203 548 267">-Drugs for Bacterial Infections</p> <p data-bbox="226 597 548 665">Drugs Affecting the Respiratory System</p> <p data-bbox="226 673 548 771">-Drugs for Allergic Rhinitis and the Common Cold</p> <p data-bbox="226 779 548 889">-Drugs for Asthma and Other Pulmonary Disorders</p>	<ul data-bbox="615 203 1438 795" style="list-style-type: none"> • Discuss the general principles of antibiotic therapy. • Discuss how they rid the body of infection. • Discuss the pros and cons of antibiotic use with the attention to over use or abuse of antibiotics and the development of drug resistance. • Describe the various antibiotics and the classifications of them. • Identify the first and second line drugs indicated for the treatment of TB. • Identify the mechanisms of actions and indications for the use of antihistamines, decongestants, antitussives and expectorants. • Identify classes of specific agents used in the treatment of lower respiratory tract disease 	<p data-bbox="1480 203 1934 227">Pharmacology for Nurses:</p> <ul data-bbox="1480 267 1785 292" style="list-style-type: none"> • Chapters: 35,39,40 <p data-bbox="1480 332 1934 418">Please review blackboard resources (PowerPoint(s), video link(s), and case studies</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
10	<p>Drugs Affecting the Gastrointestinal System</p> <p>-Drugs for Peptic Ulcer Disease</p> <p>-Drugs for Bowel Disorders and Other Gastrointestinal Disorders</p> <p>-Drugs for Nutritional Disorders</p>	<ul style="list-style-type: none"> • Discuss the physiology influences of various pathologies, such as peptic ulcer disease, gastritis, spastic colon, gastroesophageal reflux disease, and hyperacidity stated on the health of clients and their GI tracts. • Identify various agents used to treat gastric disorders. • Differentiate antidiarrheal, laxative and cathartic drugs. • Develop an educational plan and a plan of care for this population of clients 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 41-43 <p>Please review blackboard resources (PowerPoint(s), video link(s), and case studies</p>

Week	Conditions/Medications	Weekly Objective	Class Preparation Activities
13	<p>Integumentary systems, eyes, and ears</p> <p>-Drugs for Bone and Joint Disorders</p> <p>-Drugs for Skin Disorders</p> <p>-Drugs for Eye and Ear Disorders</p>	<ul style="list-style-type: none"> • Differentiate drugs for bone and joint disorders. • Discuss the teaching needs of clients receiving bone and joint medications. • Explain the nurses role when assessing and caring for clients receiving pharmacologic management skin disorders • Discuss the administration procedures and education for the client receiving eye and ear medication. 	<p>Pharmacology for Nurses:</p> <ul style="list-style-type: none"> • Chapters: 48, 59, 50 <p>Please review blackboard resources (PowerPoint(s), video link(s), ticket to class), case studies, My Nursing Lab</p>

Week	Concept and Exemplars	Weekly Objective	Class Preparation Activities
14	Teaching Presentations Review	Teaching Plans are going to be discussed in class Review of material for final	Pharmacology for Nurses: <ul style="list-style-type: none"> • Please review any problem areas there will be time available for questions

Medication Teaching Plan Guidelines

This assignment's focus is on teaching a client about a medication he/she is or will be taking. You may use a combination of essay and list formats. Include a drug card (format detailed separately) for the medication about which you are teaching the client.

1. **Background Information:** This section should include the client's initials, occupation, educational level, cultural background and influences, status in the family, support systems, predisposing factors for the present condition, and whether the client recognizes the need for information or change.
 2. **Assessment:** You should report the client's admitting diagnosis, the immediate problem, or the reason for attending the clinic or hospitalization.
 - Observations:** Some subjective and/or objective data to back up your assessments of the client's needs, eagerness for change/information. You may use lab tests, what the client/family stated, or what you observed.
 - Treatment:** Pertains to the diagnosis, medical orders, medications and the nursing orders.
 - Rehabilitation:** What can be changed or improved upon by education? What are the learning needs? What can a nurse teach about and improve in this client's health status with education?
 - Problems:** These would be the barriers that could exist to the educational efforts you are trying to make. These could be both psychological and physical barriers.
 - (Remember, you may use a combination of list or essay for any of these sections)**
 3. **Planning:** The nursing Diagnosis; Knowledge Deficit (most common), Non-Compliance, Self-Care Deficit. Use the three-part Nursing Diagnosis. For example, "Knowledge Deficit R/T lack of information regardingAMB 'I don't want to take that medication.'"
 - Goals should be stated behaviorally, timed and measurable.** Behavior verbs are: Client will *repeat*, will *demonstrate*, will *perform*, will *list*, etc. "Client will understand" is not a measurable goal. Rationale should be a scientific principle from a resource or a research statement of why it would be best for the client to strive for the goal(s).
 4. **Implementation:** What audiovisuals, pamphlets, articles were used? (Include copies of pamphlets/articles used) Did you also use a verbal back-up? Did you reinforce previous teaching and take into account cultural influences and educational level? What were your observations of client expression and behavior during the presentation? What factors aided or hindered the teaching session?
 5. **Evaluation:** Validate if the teaching was successful or not with a statement that describes and proves success or failure of educational presentation. Did you schedule any follow-up sessions?
 6. **Drug Information:** Use the Fundamentals of Nursing Drug Card template for information.
- NOTE: Teaching plans will be typed and approximately three (3) or more pages in length. Please be concise.**

Teaching Plan Grading Criteria

Teaching Plan Grading Rubric

1. Background information - Patient summary of problems to be addressed	10%
2. Assessment - Potential or actual interventions planned - Patient's readiness to learn	15%
3. Teaching plan - What does the patient need to learn	25%
4. Medication Information -drugs ordered; appropriateness to problem; actions, nursing implications, major side effects	25%
5. Evaluation - What are the expected outcomes? Are they measurable and appropriate	15%
6. APA format - Loss of 1 point for every 2 errors	10%

**American Psychological Association.(2010). *Concise rules of APA style*. Washington, DC: Author