

# **NURSING 202: ADVANCED PHARMACOLOGY**

## **UNIT V: PHARMACOLOGICAL TREATMENTS AND NURSING CONSIDERATIONS**

### **UNIT OBJECTIVES**

#### **AT THE COMPLETION OF THE UNIT, THE STUDENT:**

1. Describe major classifications of drugs used in the modern treatment of disease.
2. Describe strategies employed for patient safety during the preparation and administration of medications.
3. Employ critical thinking skills to determine the effectiveness of medication administration on patient outcomes.
4. Define the pharmacological terminology pertinent to specific categories and classifications of medications in relation to commonly occurring diseases.
5. Recognize significant adverse drug reactions, medication side effects, and therapeutic effects.
6. Develop the necessary skills to provide patient education regarding drug therapy.
7. Describe the legal and ethical principles related to medication administration in nursing.
8. Demonstrate competency in performing clinical drug and dosage calculations.



CONTENT/ HOURS	TEACHING STRATEGIES	SUPPORTING ACTIVITIES	EVALUATION METHODS
<ul style="list-style-type: none"> <li>i. ACE inhibitors/Beta-Blockers/Mineralocorticoid Receptor Blockers</li> <li>ii. Loop Diuretics</li> <li>iii. Inotropic Therapy</li> <li>iv. Digoxin</li> <li>v. Aldosterone Antagonists</li> <li>d. Vasodilators</li> <li>e. Anti-Arrhythmics</li> <li>f. Vasopressors</li> <li>g. Aspirin</li> </ul> <p>VII. Endocrine Medications</p> <ul style="list-style-type: none"> <li>a. Insulins</li> <li>b. Biguanides</li> <li>c. Miscellaneous</li> <li>d. Diabetic Devices</li> </ul> <p>VIII. Antibiotics</p> <ul style="list-style-type: none"> <li>a. Antibiotics that affect bacterial cell wall</li> <li>b. Antibiotics that affect protein synthesis</li> <li>c. Appropriate utilization of antibiotic therapy</li> <li>d. Evaluating/monitoring client response</li> </ul> <p>IX. Respiratory Medications</p> <ul style="list-style-type: none"> <li>a. Corticosteroids</li> <li>b. Bronchodilators</li> <li>c. Anticholinergics</li> <li>d. Mucolytics</li> <li>e. Nicotine Therapy</li> </ul> <p>X. Pharmacology Review</p>	<p>Interactive Lecture: Guest Speaker Chris Steele, Respiratory Director</p> <p>Game Based Learning: Jeopardy Review</p>		