



# BAKER COLLEGE

## STUDENT LEARNING OUTCOMES

HSC 2610 Basic Pharmacology  
3 Credit Hours

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### Student Learning Outcomes and Enabling Objectives

#### **SLO 1. Identify the therapeutic classification of drugs based upon body systems**

- a. Discuss medications that affect the Skeletal/Muscular System
  - i. Distinguish Musculoskeletal and Anti-inflammatory Medications
- b. Discuss medications that affect the Nervous System
  - i. Distinguish Autonomic Nervous System Medications
  - ii. Distinguish Analgesics, Sedatives, and Hypnotic Medications
  - iii. Distinguish Psychotropic Medications
  - iv. Distinguish Anticonvulsants, Antiparkinsonian, and Alzheimer's Medications
- c. Discuss medications that affect the Respiratory System
  - i. Distinguish Respiratory System Medications
- d. Discuss medications that affect the Cardiovascular System
  - i. Distinguish Cardiovascular Medications
- e. Discuss medications that affect the Lymphatic/Endocrine System
  - i. Distinguish Lymphatic/Endocrine Medications
- f. Discuss medications that affect the Digestive System
  - i. Distinguish Gastrointestinal Medications
- g. Discuss medications that affect the Urinary System
  - i. Distinguish Urinary System Medications
- h. Discuss medications that affect the Reproductive System
  - i. Distinguish Reproductive System Medications
- i. Discuss medications that can affect all body systems
  - i. Distinguish Antineoplastic Medications
  - ii. Distinguish Anti-infective Medications
  - iii. Distinguish Vitamins, Minerals and Herbs effects on the body

#### **SLO 2. Describe the advantages and disadvantages of different dosage forms and routes of drug administration.**

- a. Identify factors that influence drug dosages
- b. Distinguish between pediatric, adult, and geriatric drug dosages
- c. Identify the most common routes of drug administration

#### **SLO 3. Describe the different methods of drug administration.**

- a. Identify medications administered orally
- b. Identify medications administered by nasogastric/gastric tubes
- c. Identify medications administered rectally
- d. Identify medications administered via sublingual and buccal
- e. Identify medications administered via transcutaneous delivery

- f. Identify medications administered via inhalation
- g. Identify medications administered by injection
  - i. Distinguish intradermal injections
  - ii. Distinguish subcutaneous injections
  - iii. Distinguish intramuscular injections
- h. Identify medications administered via skin, mucous membranes, and eyes

**SLO 4. Recognize the distinction between drugs in the five controlled substance schedules.**

- a. Identify CI through CV scheduled drugs

**SLO 5. Evaluate the responsibilities of drug administration.**

- a. Identify ethical, moral and legal issues of drug administration