



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

**HIT 2610 Pharmacology Applications for Health
Information Professionals**
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

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
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
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
4. Recognize the distinction between drugs in the five controlled substance schedules.
- a. Identify CI through CV scheduled drugs
5. Evaluate the responsibilities of drug administration.
- a. Identify ethical, moral and legal issues of drug administration

These SLOs are not approved for experiential credit.

The HIT program is accredited and students must complete the actual course work at Baker College or another college that offers an accredited HIT program.

Effective: Spring 2021