

Common Course Outline

PAST 242

Pharmacology II

2 Credits

The Community College of Baltimore County

Description

Pharmacology II

Provides specific coverage of drugs affecting the autonomic nervous system, cardioactive drugs, antiarrhythmic, anesthetics, diuretics, antifungal, asthmatics, and drugs used for the treatment of various neurological and psychiatric disorders.

Overall Course Objectives

At the conclusion of the course the student will be able to:

- A. Discuss general principles of pharmacokinetics;
- B. Calculate dosages;
- C. Discuss principles of drug absorption, administration, and metabolism;
- D. List indications and contraindications for the medicines discussed;
- E. Discuss mechanisms of drug action for medication discussed;
- F. Discuss adverse reactions, side effects, and idiosyncratic reactions to drugs discussed;
- G. Discuss drug interactions for the entities discussed; and
- H. Communicate drug therapeutics with other members of the health care team (prescription and order writing).

Major Topics

- A. Pharmacokinetics
- B. Dosage calculation
- C. Prescription writing format
- D. Drug classifications
- E. Primary care pharmacopeia (drugs affecting the autonomic nervous system, cardioactive drugs, antiarrhythmic, anesthetics, diuretics, antifungal, antiviral, antiasthmatics, and drugs used for the treatment of various neurological and psychiatric disorders)

Course Requirements

Methods of Evaluation:

- A. Written Examination

Other Course Information

Methods of Instruction:

- A. Lecture