

COURSE OUTLINE
HEED-118
Introduction to Pharmacology
1 Semester Hour

HOWARD COMMUNITY COLLEGE

Description

This course introduces the student to the important basic concepts of pharmacology. Major drug classifications will be described. The focus will be the discussion of applications of drug therapy. (1 hour weekly)

Overall Course Objectives

Upon completion of this course the student will be able to:

1. Assess various factors that affect how drugs act in the body.
2. Identify drugs according to the current schedule of the Controlled Substance Act.
3. Identify the major drug classifications and summarize the important actions and effects of each.
4. Give specific examples of drugs for each classification.
5. List the responsibilities of drugs for each classification.

Major Topics

- I. Introduction to pharmacology
 - a. drug classification and regulation
 - b. drug actions and interactions
- II. Drugs affecting the central nervous system
 - a. pain control
 - b. sedatives and hypnotics
- III. Drugs affecting the autonomic nervous system
- IV. Drugs affecting the cardiovascular and renal systems.
- V. Drugs affecting the respiratory system.
- VI. Antimicrobials and antineoplastics.
- VII. Hormones and endocrine drugs.
- VIII. Drugs affecting the GI tract.

Course Requirements

Grading/Exams

Grading procedures will be determined by the individual faculty member, but will include the following:

Final grades will be based upon exams.

The course includes a comprehensive final.