

SYLLABUS
HLT 250 GENERAL PHARMACOLOGY (3 CREDITS)

DIVISION: Workforce Services

Revised: January 2015

CURRICULUM IN WHICH COURSE IS TAUGHT: Pharmacy Technician

COURSE NUMBER AND TITLE: HLT 250, General Pharmacology

CREDIT HOURS: 3

HOURS WEEK LECTURER: 3

HOURS WEEK LAB: N/A

LECTURE/LAB COMBINATION: 3 (0)

I. CATALOG DESCRIPTION: Emphasizes general pharmacology for the health related professions covering general principles of drug actions/reactions, major drug classes, specific agent within each class, and routine mathematical calculations needed to determine desired dosages.

II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES IN WHICH IT IS TAUGHT.
A curriculum objective is for students to define major drug classes and their respective pharmaceutical agents, to recognize brand and generic names of commonly used drugs, and to perform basic prescription calculations.

III. REQUIRED BACKGROUND: None.

IV. COURSE CONTENT:
Introduction to OTC and Rx Drugs
Drug Schedules, Routes & Formulations, Labeling, NDCs
Analgesics, Antipyretics
Antibiotics, Antivirals, Antifungals
Antihistamines, Decongestants, Antitussives, Expectorants
Gastrointestinal Agents
Cardiovascular Agents, Antihyperlipidemics
Rx Calculations

V. LEARNER OUTCOMES:

VI. EVALUATION:

Recognize the various OTC and Rx Drug classes and schedules.	Class participation, homework, tests, and final exam
Know the federal and state requirements for OTC and Rx labels.	Class participation, homework, tests, and final exam
Know the brand and generic names for some of the most commonly used pharmaceutical agents.	Class participation, homework, tests, and final exam

Know the various indications and adverse effects of popular pharmaceutical agents.	Class participation, homework, tests, and final exam Class participation, homework, tests, and final exam
Calculate prescription quantity, days, supply, and dosage amounts.	Class participation, homework, tests, and final exam
Recognize prescription errors.	Class participation, homework, tests, and final exam

VII. The course supports the following general goals/objectives:

DCC Educational Objectives

- Communication
- Critical Thinking
- Cultural and Social Understanding
- Information Literacy
- Personal Development
- Quantitative Reasoning