

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: HLT 261

Credits: 3

Course Title: Basic Pharmacy I

Course Description: Explores the basics of general pharmacy, reading prescriptions, symbols, packages, and pharmacy calculations. Teaches measuring compounds of drugs, dosage forms, drug laws, and drug classifications. Part I of II. Prerequisite or Co-requisite: MDE 10, HLT 101 and HLT 250. Lecture 3 hours per week.

General Course Purpose: Prepares students for internship experience and Pharmacy National Board Exam

Course Prerequisites and Co-requisites:

Prerequisite or Co-requisite: MDE 10, HLT 101 and HLT 250

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Understand the health care system, how pharmacy fits into this system, and the role of the pharmacy technician and pharmacist;
- b. Demonstrate familiarization with the history of pharmacy;
- c. Discuss the pharmacy technician's role in present and future practice settings;
- d. Discuss and understand pharmacy laws and their origins;
- e. Demonstrate an understanding of who may legally prescribe medications and the requirements of a prescription order and the prescription label;
- f. Identify brand and generic medications and the role of the Virginia Voluntary Formulary;
- g. Relate basic principles of the Control Drug Act;
- h. Familiarize students with recalls, record keeping, and security required for a pharmacy;
- i. Demonstrate knowledge of top 200 drugs, their brand and generic names;
- j. Identify knowledge to find drug information of most frequently used drugs
- k. Explain and demonstrate the use of dosage forms and route of administration; and
- l. Interpret and translate prescriptions using Latin abbreviations.

Major Topics to Be Included:

- a. Introduction to pharmacy
- b. Pharmacy law pertaining to data entry of prescription
- c. Top 200 drugs and most frequently used drugs
- d. Reference sources
- e. Dosage forms
- f. Route of administration
- g. Latin abbreviations
- h. Retail pharmacy calculations

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