

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Drugs and Dosages I
COURSE NUMBER	ALHT 0110
DIVISION	Health Professions
DEPARTMENT	Allied Health
CIP CODE	24.0101
CREDIT HOURS	1
CONTACT HOURS/WEEK	Class: 1
PREREQUISITES	None
COURSE PLACEMENT	Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

COURSE DESCRIPTION

Drugs and Dosages I is an introductory course in pharmaceutical arithmetic that assists students in solving the mathematics of drugs and solutions encountered in the everyday routine of administering medications. Drug actions and interactions on the human body are discussed.

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Basic Arithmetic Skills
 - A. Fractions and Decimals
 - B. Conversions
 - C. Proportions
- II. Conversions – Interpretation and Expression
 - A. Metric
 - B. Apothecary

- C. Household
- III. Equipment
 - A. Recognition
 - B. Selection
 - C. Calibrations
- IV. Medication Orders
 - A. Medical Notation and Administration
 - B. Drug Labels
- V. Drug Dosages
 - A. Tablets, Capsules, and Liquids
 - B. Parenteral
 - C. Reconstitution
 - D. Pediatric Body Weight Method and Safe Dosage

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Demonstrate mastery of basic arithmetic skills.
- B. Perform conversions.
- C. Measure the prescribed dosages using appropriate equipment.
- D. Interpret the medication order.
- E. Calculate drug dosages.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.