

I. COURSE INFORMATION

- A. Allied Health NHA 238 Pharmacology for Health Professionals
- B. 3 credit hours
- C. Ballington, Don A., Mary Laughlin & Skye McKennon. *Pharmacology for Technicians*. 6th ed. Colorado: Paradigm, 2017
- D. Prerequisites: None

II. COURSE DESCRIPTION

This course will provide students with a basic understanding of drug classes and the mechanisms of action for many drugs. The course will help prepare students for work in community, institutional and other pharmacy settings.

III. LEARNING OUTCOMES

- A. Demonstrate understanding of the evolution of medicinal drugs
- B. Explain basic concepts of pharmacology
- C. Apply basic principles of pharmacology essential to ensure safe dispensing practices
- D. Understand medical terms, nomenclature and acronyms used in pharmacology
- E. Identify trade and generic names, dosage forms, doses, quantities and directions for use of prescription, non-prescription and herbal medications for treating commonly encountered medical conditions
- F. Correlate names, pharmacological classifications and therapeutic uses of medications with a variety of commonly encountered medical conditions
- G. Identify side effects, adverse effects, and drug interactions related to the pharmacological use of medications for treating commonly encountered medical conditions
- H. Identify appropriate dosage forms, strengths and routes of administration for specific medications

IV. MAJOR CONTENT AREAS

- A. Basic principles of pharmacology
- B. Major issues of pharmaceutical products
- C. Chemotherapy

V. ASSIGNMENTS (may include but are not limited to)

- A. Written assignments
- B. Reading assignments

VI. EVALUATION METHODS (may include but are not limited to)

- A. Quizzes
- B. Exams