



Course Description

HSC1149 | General Pharmacology for Health Care Professions | 3.00 credits

This course will provide learners with a basic introduction to pharmacology concepts and principles associated with management of common diseases and treatment options. It presents information on major drug classifications, indications for use of common medications, and potential contraindications adversely affecting medical care outcomes.

Course Competencies:

Competency 1: The student will explain the basic principles of pharmacology by:

1. Describing drug nomenclature: chemical, generic, and trade names
2. Comparing and contrasting the various routes of drug administration

Competency 2: The student will demonstrate knowledge of commonly prescribed drugs and their uses by:

1. Identifying commonly prescribed drug categories and indications for their use
2. Describing side effects, potential adverse reactions, and contraindications of commonly prescribed drugs
3. Explaining appropriate action plans to address potential complications

Competency 3: The student will demonstrate adherence to ethical and legal standards of health care professionals about the management of drug inventory by:

1. Identifying the state and federal guidelines applicable to the use of pharmacologists in medical facilities
2. Explaining the concepts of professional negligence and its application to the administration of pharmaceutical agents
3. Explaining the legal and ethical implications of substance abuse by health care providers
4. Demonstrating professional liability, privacy, and security concerning drug administration
5. Developing a management plan for storing and dispensing medication typically found in a medical office

Learning Outcomes:

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society