

Course Description

PTN0021 | Drug Classifications | 3.00 credits

This course covers the major classifications of pharmaceuticals, standards for quality and purity of drugs, and authoritative information on dosage and administration. Students will learn about poisons, placebos, and the sources from which medications are produced. Prerequisites: HSC0003, PTN0003, 0006; corequisite: PTN0004

Course Competencies:

Competency 1: The student will demonstrate knowledge of basic pharmaceutical chemistry as it relates to human physiology by:

1. Predicting physical and chemical incompatibilities utilizing chemistry properties
2. Identifying a listing of usual adult doses of medications and respective contraindications
3. Describing electrolyte balances

Competency 2: The student will demonstrate knowledge of basic drug classification as it relates to the human physiology by:

1. Defining the significant classifications of pharmaceuticals
2. Identifying the various poisons and placebos
3. Identifying the sources from which medications are produced

Competency 3: The student will demonstrate knowledge of official and non-official pharmaceutical information by:

1. Identifying the authoritative information on dosage and administration
2. Identifying and comparing the components in the various non-official reference manuals maintained within the facility
3. Describing the two official compendia of standards for quality and purity of drugs

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