PTEC 114 Pharmacology 2

Credit Hours: 3 HRS

Scheduled hours per week

Lecture: 3 HRS
Lab: 0 HRS
Other: 0 HRS

Catalog Course Description: This course, designed for Pharmacy Technician students continues the study of the properties, reaction, and therapeutic value of the primary agents in the major drug classes. This includes understanding of pharmaceuticals for the major body systems. Students will develop knowledge of brand names as well as generic names of drugs.

Pre-requisites: PTEC 101, PTEC 112, MATH 120

Co-requisites: PTEC 102, PTEC 111, PTEC 121

Course Learning Outcomes:

1. Recognize drug brand/generic names.
2. Identify the requirements for drug product storage and handling.
3. Understand the skills necessary to maintain clear communications regarding drug products.
4. Identify drugs that are controlled substances.
5. Recognize actions, indications, strengths/dosages, and dosage forms of specific drug classifications.

Topics to be studied:

1. Continuation of pharmaceuticals used in major bodily systems
2. Preparation of Sterile Compounded Products
3. Preparations of Cytotoxic and Hazardous Medication Products
4. Identification of patients for counseling and possible abuse
5. Medication safety
6. Monitoring medication therapy
7. Maintenance of equipment and facilities

Relationship of course to program outcomes:

The Course Learning Outcomes for PTEC 114 are congruent with, and derived from, the five (5) core competencies designated by the Pharmacy Technician Program: Professional Role, Knowledge and skills, Legal/ethical principles, and Communication. These core competencies are directly reflected in the Pharmacy Technician Program Educational Outcomes.

Relationship of Course to General Education Learning Outcomes:	
Composition and Rhetoric Students illustrate a fundamental understanding of the best practices of communicating in English and meet the writing standards of their college or program-based communication requirements.	X
Science & Technology Students successfully apply systematic methods of analysis to the natural and physical world, understand scientific knowledge as empirical, and refer to data as a basis for conclusions.	
Mathematics & Quantitative Skills Students effectively use quantitative techniques and the practical application of numerical, symbolic, or spatial concepts.	X
Society, Diversity, & Connections Students demonstrate understanding of and a logical ability to successfully analyze human behavior, societal and political organization, or communication.	X
Human Inquiry & the Past Students interpret historical events or philosophical perspectives by identifying patterns, applying analytical reasoning, employing methods of critical inquiry, or expanding problem-solving skills.	X
The Arts & Creativity Students successfully articulate and apply methods and principles of critical and creative inquiry to the production or analysis of works of art.	
5/3/2016	

Special projects or requirements of the course:

- None

Additional information:

- Computer and internet access is required

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