Course Description

PTN0003 | Introduction to Pharmacy Practice and Medical Terminology | 3 credits

This course is an orientation to the overall functions and services of the hospital and retail pharmacies. Students will learn medical abbreviations, terminology, chemical symbols, formulas, and incompatibilities.

Course Competencies

Competency 1: The student will demonstrate an overall working knowledge of drug dosing and dispensing, including the accurate use of drug references and the importance of avoiding medication errors by:

- Explaining the use of tall man lettering for look-alike and sound alike drug names
- Utilizing the online drug references, such as, the Micromedex®, *Facts & Comparisons*, and the Orange Book.
- Demonstrating initial patient contact and point of sale transactions at the register via lab simulations.

Learning Outcomes

- Formulate strategies to locate, evaluate, and apply information
- Use computer and emerging technologies effectively
- Solve problems using critical and creative thinking and scientific reasoning
- Communicate effectively using listening, speaking, reading, and writing skills

Competency 2: The student will be familiar with medical terms, abbreviations, and symbols essential to prescribing, dispensing, administering, and charting medications correctly by:

- Interpreting handwritten and electronic prescriptions
- Entering patient, practitioner, and prescription information in the pharmacy computer system
- Identifying the key parts of a prescription
- Identifying the key parts on a medication label
- Identifying the key parts on an insurance card

Learning Outcomes

- Use computer and emerging technologies effectively
- Communicate effectively using listening, speaking, reading, and writing skills

Competency 3: The student will be able to perform basic pharmaceutical measurements and calculations by:

- Calculating day's supply
- Calculating IV flow rates
- Calculating pediatric dosages
- Calculating drug dosages
- Calculating the amount to dispense

Learning Outcomes

- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning