

Course Code: PTH100

Course Name: Pharmacy Technician

Certification: Certified Pharmacy Technician (NHA/PTCB – CPhT)

Duration: 6 months

Tuition: \$3995.00

Course Description:

Pharmacy technicians are healthcare professionals who perform a variety of duties that assist the pharmacist. These include filling prescription requests, ensuring that patient needs are met, gathering and entering patient information into databases, maintaining proper inventory and stock, and ensuring proper storage and security of medications. This program will provide students with the ability to develop knowledge and skills in communication and customer service, pharmacy law and ethics, pharmacy mathematics and dosage calculations, pharmacology, medical terminology as related to the pharmacy setting, preparation of medication, and processing prescriptions. Students will review best practices for inventory management as well as health insurance and billing procedures.

Introduction to Pharmacy

This module is designed to familiarize the student with the specific knowledge and skills needed to pursue a career as a pharmacy technician. This module introduces the responsibilities of a pharmacy technician and common pharmacy practices and settings. In addition, the module will cover effective communication skills, interpersonal and time management skills, and the laws, regulations, and standards that apply to the field of pharmacy.

Pharmacology

This module introduces the science of pharmacology, pharmacodynamics, and pharmacokinetics and will expand the students' knowledge base on a variety of drugs and interactions. Topics covered include methods of drug classification, over-the-counter and prescription medications, medication dosage routes and formulations.

The Dispensing Process

This module discusses the specific roles and responsibilities of the pharmacy technician in the prescription dispensing process. Throughout this module, students will be introduced to the various calculations, techniques, equipment and tools used to perform sterile and non-sterile compounding as well as the operational roles in the pharmacy setting, including inventory management and business-related calculations.

Medication Safety and Quality Assurance

This module discusses how the safety and quality of medications are ensured in the pharmacy setting as well as best practices for maintaining patient compliance. Students will develop an understanding of how and why medication errors happen, what strategies can be employed to help prevent them, and which organizations directly support medication error prevention. Additional topics covered include preventing the spread of infections in the healthcare setting, safe handling of hazardous drugs, and improving patients' medication adherence.

Pharmacy Practice Areas and Employment

This module describes various pharmacy settings and the role of the pharmacy technician within each, including the business and technical skills required and the importance of career preparation and development. This module also introduces students to the basics of medical billing and provides a general understanding of medical insurance and the various payers.

Pharmacy Technician Certification Preparation

Professional certification is a way to measure a person's competency to complete a specific job and can set you apart from others in your field when it comes to employment opportunities. If you wish to become a certified pharmacy technician, you will need to take and pass one of two exams: the National Healthcareer Association's (NHA) ExCPT exam or the Pharmacy Technician Certification Board's (PTCB) exam, known as the PTCE. This module provides a comprehensive review of the concepts you will need to know to successfully complete and pass these certifications.