

PHARMACY TECHNICIAN CERTIFICATE PROGRAM

Blended Delivery – Offered only at SSA

Program Objective:

The Pharmacy Technician program provides students with the technical and practical training necessary for work as an assistant to a licensed pharmacist in a variety of health system settings, including pharmacy chains, hospitals, and skilled-care facilities. Some employment opportunities may require the employee to obtain additional registration or certification; this program should prepare students to take the Pharmacy Technician Certification Examination. Students will perform a variety of pharmaceutical mathematics, and demonstrate an understanding of the concepts of pharmacology within each course. Students will also demonstrate aseptic technique, medication preparation, sterile and non-sterile compounding, the handling and preparation of hazardous products, inventory and billing procedures, and quality customer service. Students will have the opportunity to practice experiential activities in at least two different types of contemporary pharmacy settings, one of which must be a dispensing pharmacy (e.g., hospital, community).

Program Requirements: Applicants to the Pharmacy Technician Program are required to have a High School Diploma or GED. All entrants must take and pass the Scholastic Level Exam with a minimum score of 14. The participant should also be able to read and write English, have good coordination and be neat and professional at all times.

- CHCP will run a 3rd party criminal background check, prior to enrollment. A Student must be fingerprinted within the first 30 days of class. If fingerprints are not submitted, the student's enrollment is subject to cancellation.

- All students must register with the Texas State Board of Pharmacy as a pharmacy technician. Registration will be completed under the supervision of the Pharmacy Technician Program Chair prior to the end of the second week of class. If any unpaid fines or background issues arise from this registration, student may be withdrawn from school. Links to online registration applications for pharmacy technician trainees, as well as important information including answers to common questions, can be found at www.texaspharmacyboard.org

Please note: Registrants must register as a pharmacy technician within two years of registering as a trainee.

CHCP will pay for the background check, registration and fingerprinting.

Certification Requirements:

- Take and pass the Pharmacy Technician Certification Board's National Certification Examination in order to register as a pharmacy technician (The National Certification Examination fee is \$129 and the fee to register as a pharmacy technician is \$54)

**Fees are accurate as of the time of this publication. Fees for the exam and registration are not controlled by CHCP and are subject to change without notice to the school.*

- The state of Texas requires pharmacy technicians to be registered in order to practice in the state. Passage of the PTCB certification exam is required for state licensure (Green Card). State licensure/registration and/or PTCB certification may be required to practice in other states. CHCP does not control state licensure/registration requirements, and cannot guarantee that graduates will be eligible to work as pharmacy technicians in Texas or any other state, at all or at any specific time, regardless of their eligibility status upon enrollment.

Program Length: The total length of this program is 900 clock hours and 36 weeks.

Method of Delivery: Blended Classroom Delivery

		LECTURE HOURS	LAB HOURS	EXTERN HOURS	TOTAL HOURS	SEMESTER CREDITS
MODULE I						
MSS130	Master Student/Study Skills	8	0	0	8	.5
HIP130	HIPAA / OSHA / Infection Control	10	0	0	10	.5
OAPT130	Overview of Anatomy, Physiology and Medical Terminology	48	0	0	48	3.0
Total Module I		66	0	0	66	4.0
MODULE II						
PHM101	Intro to Pharmacy, Ethics & Patient Safety	88	8	0	96	5.5
Total Module II		88	8	0	96	5.5
MODULE III						
PHM102	Institutional Pharmacy	48	48	0	96	4.5
Total Module III		48	48	0	96	4.5
MODULE IV						
PHM103	Community Pharmacy	48	48	0	96	4.5
Total Module IV		48	48	0	96	4.5
MODULE V						

PHM104	Pharmacy Calculations	64		32	0	96	5.0
	Total Module V	64		32	0	96	5.0
MODULE VI							
PHM105	Pharmacy Techniques and Practice	72		24	0	96	5.0
	Total Module VI	72		24	0	96	5.0
MODULE VII							
PHM106	Sterile Compounds, Parenteral and IV Admixtures	72		24	0	96	5.0
	Total Module VII	72		24	0	96	5.0
MODULE VIII							
CSP201	Customer Service/Professionalism and Career Preparation	30		18	0	48	2.5
CPT313	Cert Prep for Pharmacy Technicians	15		15	0	30	1.5
PHX300	Pharmacy Technician Externship	0		0	180	180	4.0
	Total Module VIII	45		33	180	258	8.0
Total Hours/Credits		503		217	180	900	41.5

Total Program Hours = 900/ 41.5 Semester Credits

Note: Upon successful completion of all course work, typing requirements, externship, and fulfillment of all financial obligations to the school, the student is awarded a certificate of completion. Successful completion of course work is defined as completing the program with a minimum cumulative GPA of 2.0.

COURSE DESCRIPTIONS:

Course descriptions include the course number, title, and synopsis, a listing of lecture, laboratory, externship hours, total clock hours and academic credits. For example, the listing "15/30/0/45/2.0" indicates that the course consists of 15 hours of lecture, 30 hours of laboratory, 0 externship hours, 45 total clock hours and 2.0 academic credits.

Note: Students must successfully complete all prerequisite courses in sequence before advancing. Other courses may not be offered in the sequence listed below. Module I is a prerequisite for all other modules.

MSS130	MASTER STUDENT/STUDY SKILLS	8/0/0/8/0.5
Students will become familiar with basic study and learning skills to include learning styles, goal setting, memorization techniques, reading comprehension, note taking, test taking, critical thinking, effective communication diversity, and technology. Prerequisite: None.		
HIP130	HIPAA/OSHA/INFECTION CONTROL	10/0/0/10/0.5
Students will learn about the Health Information Portability and Privacy Act (HIPAA). This course will identify rights for individuals and the processes that health care providers must implement to support individual rights. Students must demonstrate knowledge of the rules for the use and disclosure of information. Students will learn about transmission of disease, hand washing techniques and gloving. This course will ensure that students are aware of biohazards and airborne pathogens, including infection control procedures and laboratory safety. Students must demonstrate infection control procedures and laboratory safety. Prerequisite: None.		
OAPT 130	OVERVIEW OF ANATOMY, PHYSIOLOGY AND MEDICAL TERMINOLOGY	48/0/0/48/3.0
Students will learn and Identify basic structures, functions and dysfunctions of the body, as well as medical terminology, abbreviations and symbols that are necessary tools for building a medical vocabulary. This course covers general treatment of the sensory, skeletal and muscular, nervous, endocrine, digestive, respiratory, Circulatory, Urinary and reproductive, and integumentary systems. Prerequisite: None.		
PHM101	INTRO TO PHARMACY, ETHICS & PATIENT SAFETY	88/8/0/96/5.5
This course focuses on essential skills and responsibilities of the pharmacy technician, as they assist the pharmacist in direct patient care and retail pharmacy operations. Student will also learn about other pharmacy settings. Students will examine regulatory laws and agencies, as well as ethical issues for the pharmacy technician, patient safety, pharmacological terminology, and licensing and career requirements. This course will also focus on basic mathematics. Prerequisite: Module I.		

PHM102	INSTITUTIONAL PHARMACY	48/48/0/96/4.5
<p>This course focuses on the role of the pharmacy technician in institutional and other pharmacy practice settings. Students will learn pharmacy technician duties, including aseptic technique, sterile compounding, parenteral medications, IV admixtures, with a focus on general and specific IV procedures and the role of the pharm technician. Chemotherapeutic therapy will also be discussed. Students will also learn computerized medication information databases, along with the patients' rights to the concept of proprietary business. Prerequisite: Module I.</p>		
PHM103	COMMUNITY PHARMACY	48/48/0/96/4.5
<p>This course focuses on retail pharmacy operations. The student will be oriented in the everyday workplace dynamics of the pharmacy, with a focus on medication preparation, prescription interpretation and filling, data entry, billing and collection practices, student will utilize pharmacy software, patient education will also be reviewed. Students will also become familiar with over-the-counter drugs. Prerequisite: Module I</p>		
PHM104	PHARMACY CALCULATIONS	64/32/0/96/5.0
<p>The course examines dosage calculations, medication administration, and systems of measurement and conversion used in the pharmacy setting. General mathematics and common and specialized medication preparations are reviewed, such as apothecary, household, and metric systems. Students will develop accuracy and skill in reading and transcribing prescriptions and drug labels. Prerequisite: Module I</p>		
PHM105	PHARMACY TECHNIQUES AND PRACTICE	72/24/0/96/5.0
<p>This course focuses on procedures related to assisting the pharmacist in screening, authenticating and processing the physician's medication orders. Students will also focus on techniques used to assist the pharmacist and prepare sterile and non-sterile compounds. Students will examine various aspects of pharmacy equipment, microbiology, pharmacology, and communication. Students will demonstrate knowledge and skills in the following areas of anatomy/physiology and pharmacology: Integumentary, ophthalmic, optic, nervous, the digestive, respiratory, reproductive, skeletal, and endocrine and muscular systems. Drug classifications, medications, drug actions, including responding to the emergency situations, and medication preparation for these systems are covered. Prerequisite: Module I.</p>		
PHM106	STERILE COMPOUNDS, PARENTERAL AND IV ADMIXTURES	72/24/0/96/5.0
<p>This course explores the preparation and use of sterile compounds, parenteral medications, and intravenous admixtures, with a focus on general and specific IV procedures and the role of the pharmacy technician. Chemotherapeutic therapy and experimental drug trials are discussed. Students will demonstrate knowledge and skills in the following areas of anatomy/physiology and pharmacology: cancer and chemotherapy, fluids and electrolytes, anesthetics, nutrition. Prerequisite: Module I.</p>		
CSP201	CUSTOMER SERVICE/PROFESSIONALISM AND CAREER PREPARATION	30/18/0/48/2.5
<p>This course will teach the student about professionalism, including work-place behaviors that result in positive business relationships. Students will learn goal-setting, stress-management, time-management, professional dress, etiquette, diversity in the work place relationships, excellent customer service, communication at work, conflict management, job search skills, building resumes, and interview techniques. Prerequisite: Modules I-VII.</p>		
CPT313	CERT PREP FOR PHARMACY TECHNICIANS	15/15/0/30/1.5
<p>This course provides a review of clinical skills and content learned throughout the program. Students will also prepare for certification examination. Prerequisite: Modules I-VII.</p>		
PHX300	PHARMACY TECHNICIAN EXTERNSHIP	0/0/180/180/4.0
<p>This course provides students with work experience in a professional pharmacy setting. Students are required to complete the externship under the direct supervision of qualified pharmacy personnel. Prerequisite: All previous course work.</p>		