



The Medication Learning Company
Update. Inform. Educate.



PHARMACY
TECHNICIANS
UNIVERSITY
CSPT™ EXAM
PREPARATION

PREPARE YOUR TECHS FOR SUCCESS ON
THE PTCB STERILE COMPOUNDING EXAM

The *Pharmacy Technicians University (PTU) CSPT™* (Compounded Sterile Preparation Technician) Exam Preparation program provides an efficient and affordable program to prepare your PTCB-certified techs to pass the PTCB CSPT™ exam. The *PTU CSPT™* online program, which includes didactic and simulation courses on the essential compounding knowledge standards, is convenient, interactive, and easy to use.



BENEFITS

- * **PTCB-Recognized:** By completing this program, trainees can sit for the CSPT™ Exam with just 1 year of experience in compounded sterile preparation (reduced from standard 3-year requirement)
- * **High-Quality:** Curriculum aligned with PTCB's high standards for CSPT™ certification
- * **Comprehensive:** Courses covering compliance requirements for USP <797> and USP <800>

pharmacy
technicians
university® 

Now, currently-practicing, nationally-certified pharmacy technicians can participate in the *PTU CSPT™* Exam Preparation program, saving you money and saving your technicians time. Plus, you'll be better prepared for Board of Pharmacy audits and reviews.

The program curriculum includes 29 didactic hours and 32 simulation hours. See reverse for complete curriculum list.

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<https://trchealthcare.com/contact-us>

CSPT™ EXAM PREPARATION PROGRAM CURRICULUM

BASIC PHARMACEUTICS

- * Parenteral Dosage Forms
- * Ratios
- * Proportions

DOSAGE CALCULATIONS

- * Pediatric Dosages
- * Dosing Tables and Adult Dosages
- * Dosage Calculations: Parenterals
- * Dosage Calculations: Milliequivalents and Units

COMPOUNDING CALCULATIONS I

- * Compounding Calculations
- * Percentage Calculations
- * Drug Concentration Calculations
- * Dilution Calculations

COMPOUNDING CALCULATIONS II

- * Infusion Calculations
- * Alligation Calculations

PHARMACOLOGY REFERENCES

- * CSPT™ Medications List
- * Anti-Infectives Part I - Antibiotics
- * Anti-Infectives Part II - Antivirals and Antifungals
- * Gastrointestinal Agents
- * Cardiology Part I - Cholesterol Agents
- * Cardiology Part II - Antihypertensives
- * Cardiology Part III - Antiarrhythmics and Antithrombotics
- * Musculoskeletal Agents
- * Reproductive System
- * Central Nervous System Agents Part I
- * Central Nervous System Agents Part II
- * Endocrine System
- * Cancer Agents
- * Injectable Anticoagulants
- * Dispensing Insulin and Other Injectable Medications

MEDICATION SAFETY

- * Safety Data Sheets

INSTITUTIONAL PHARMACY PRACTICE

- * Hospital: Medication Preparation
- * Hospital: Medication Delivery
- * Medication Disposal in the Hospital
- * Dispensing Medications for Surgeries
- * Medication Delivery in the Hospital
- * Using Barcodes
- * Hospital: Patient Safety Practices

STERILE COMPOUNDING I

- * Sterile Compounding
- * Inpatient Emergencies
- * Sterile Compounding: Personal Protective Equipment
- * Sterile Compounding: Aseptic Handwashing
- * Simulation: Aseptic Hand Washing
- * Sterile Compounding: The Laminar Flow Hood
- * Laminar Flow Hood Simulation

STERILE COMPOUNDING II

- * Sterile Compounding: Syringes and Needles
- * Sterile Compounding: Supplies and Equipment
- * Preparation of Sterile Compounds
- * Using Aseptic Technique for Sterile Compounding
- * Quality Standards and Requirements
- * Maintaining Environmental Processes for Sterile Compounding
- * Simulation: IV Fluid Preparation
- * Simulation: IV Piggyback
- * Simulation: IV Push
- * Simulation: Manipulate Ampules
- * Simulation: Reconstitute Lyophilized Powder
- * Simulation: Parenteral Nutrition

CHEMOTHERAPY COMPOUNDING

- * Chemotherapy Overview
- * Chemotherapy Prep
- * Simulation: Chemotherapy Agent Preparation

DRUG INFORMATION RESOURCES

- * Package Inserts Part I
- * Package Inserts Part II
- * Drug Information Resources

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