KENNEDY
PHARMACY INNOVATION CENTER

Introductory Training in Sterile Compounding Aseptic Technique

This course will be held on the following dates:

- ~~**Thursday, December 17 – Friday, December 18, 2026**~~ **| CANCELLED**
- **Thursday, March 4 – Friday, March 5, 2027 |** Registration link

Registration Deadline: fourteen (14) days before the event or when capacity is met

Course Description: This 22-hour is designed to introduce and prepare pharmacy technicians, pharmacists, and healthcare personnel to perform foundational sterile compounding in compliance with USP <797>. Through a blend of pre-course home study and in-person training, participants develop essential knowledge in aseptic technique, cleanroom practices, environmental monitoring, and sterile compounding principles. During the in-person experience, participants practice and demonstrate core sterile compounding skills in a simulated cleanroom environment, including hand hygiene and garbing, environmental cleaning and disinfection, gloved fingertip test sampling, media fill testing, and preparation of compounded sterile preparations (CSPs).

Participants will demonstrate competency through structured practice and formal assessment, gaining the skills and confidence needed to pursue roles in sterile compounding settings. Upon successful completion of the program requirements, participants are eligible to receive a digital badge recognizing their achievement in foundational sterile compounding.

Target Audience: This course is designed to provide training for pharmacists, pharmacy technicians, and other health care professionals. This course is ACPE accredited for Pharmacists and Pharmacy Technicians.

Participation Requirements: Successfully complete the 10–hour home study before attending the live, in-person class. The participant must physically be able to stand for a minimum of 1 hour.

Location of Event: The 12–hour in-person training will be at the Aseptic Compounding Experience (ACE) Lab, located in the University of South Carolina College of Pharmacy: 715 Sumter Street Columbia, SC 29208.

Program Faculty:

Richard Capps, PharmD Pharmacy Manager Prisma Health Oconee Memorial Hospital	**Carl Dunn,** RPh Clinical Instructor University of South Carolina, College of Pharmacy
Katie Olsen, PharmD, BCPS Clinical Pharmacy Specialist – Pharmacotherapy, Ambulatory Care, Medical University of South Carolina Health	**Tenissa Ray,** CPhT Education and Compliance Technician Supervisor Prisma Health System
George Smith, PharmD, BCPS, BCSCP System Sterile Compounding Services Specialist Prisma Health System	

Disclosure Statements:

Disclosures: George Smith reports the following disclosures: honoraria from ARL Bio Pharma, honoraria from Pharmacy Purchasing Product Magazine, and a Pharmacy Consultant for ARxIUM.
All other faculty, planners, reviewers, staff, and CPE committee report no financial or personal relationship with any ineligible company that produces, markets, resells, or distributes a product or service that appears in this program. There is no commercial support for this program.

Program Registration Fees, Cancellation and Refund Policies

Registration: To register, visit http://cop.sc.learningexpressce.com/

Registration Fees: Overall Course: $1,000*[T]

**Please note that fees will show as "Learning Express" on your credit card statement.*

[T] includes a $200 non-refundable course fee.

Registration is limited and will be taken on a first come first served basis. Fee includes: training (home study and on-site), food (as mentioned below), digital versions of the educational materials, ACPE continuing education credit (CPE), and ACPE Certificate Program recognition with successful completion of the requirements.

For the two-day live training program breakfast, lunch, coffee, and snacks will be provided. Please inform us via the registration question and/or email if you have any dietary restrictions/lifestyles, or food allergies.

Travel Information:

- Registrants are responsible for any travel expenses. A list of nearby hotels is provided in the "Course Material(s)" section after registration.
- Columbia Metropolitan Airport (CAE) is the nearest airport.

Handouts/Slides: Will be available to all participants to download/print prior to the course in the "Course Material(s)" section when they are available (this section is only accessible after registration).

Cancellation/Refund Policy:

- Policy applies to self-pay, third-party billing (including coupon codes), and voluntary transfers.
- To cancel the course and receive a refund (minus the $200 non-refundable course fee), you must email the request to CE@cop.sc.edu on or before **thirty (30) days before the live program date**. All refund requests submitted after that deadline will be denied.
- If you enroll in the course after that deadline, you will NOT be eligible to receive a refund. Similarly, if you voluntarily transfer to a later course date, you will not be eligible to receive a refund.
- USC COP reserves the right to cancel the entire program. In the event of a conference cancellation, each participant will be notified via phone and/or email at least 14 days prior to the live program date and a full tuition refund will be made or transfer to a later course date.
- In the event of inclement weather, the decision to cancel a course will be made no later than 9:00 am Eastern time the day before the program.

Registration transfers:

- Individuals attending the course in place of the registered individual will be honored if the request is made at least 7 days before the live program date. Email CE@cop.sc.edu to facilitate.
- Individuals wanting to transfer to a later date must email CE@cop.sc.edu at least 14 days prior to the live program date, no changes can be made less than 14 days.

Registration Deadline:

- **Registration will be accepted up to 14 days prior to the live program or when capacity is met.**

Continuing Education Credit Requirements: To obtain continuing education credit, participants must successfully complete the home study and pass the post-test prior to arrival. Upon arrival, sign-in, have attendance verified, attend the program in its entirety, and successfully demonstrate certificate-based competencies using planned simulations, and competency test, along with fully completing the associated online evaluation before the deadline. Failure to complete the evaluation within 30 days of attendance may result in loss of credit. The NABP CPE Monitor will not accept credit submitted greater than 60 days from the date of attendance.

Accreditation Information: The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education with Commendation. This certificate-based activity has been approved for a total of **22 contact hours (2.2 CEUs), made up of 12 hours of live education and 10 hours of home study continuing education credit, ACPE # 0062-0000-26-107-B07-P/T and Certificate program # 0062-26-002-CP**

Please contact CE@cop.sc.edu or 803-777-9979 with any questions regarding registration!

Program Schedule: All times shown are Eastern (*specifics are subject to change)*

Day 1:

Time	Group	Session
7:30 – 8:00a	Both	Breakfast, & Sign-in,
8:00 – 8:30a	Both	Welcome, Introductions and Course Overview
8:30 – 9:00a	Both	Home Study Review: USP <797>
9:00 – 10:45a	Both	Personal Hygiene, PPE, & Garbing (w/ 15 min break)
10:45 – 11:00a	Both	Home Study Review: Primary (PEC) / Secondary Engineering Controls (SEC) & cleaning
11:00a – 12:30p	1	Personal Hygiene, PPE, Garbing, & PEC/SEC Demo
	2	Introduction to Sterile Compounding & Aseptic Technique
12:30 – 1:15p	Both	Lunch
1:15 – 2:45p	1	Introduction to Sterile Compounding & Aseptic Technique
	2	Personal Hygiene, PPE, Garbing, & PEC/SEC Demo
2:45 – 3:00p	Both	Break
3:00 – 4:00p	Both	Supplies, Equipment, and Calculations
4:00 – 4:15p	Both	Q&A and Wrap-up

Day 2:

Time	Session
8:00 – 9:00a	Recap from Day 1
9:00 – 11:30a	Practice Sessions (w/ 15 min break)
11:30a – 12:00p	Debrief
12:00 – 1:00p	Lunch
1:00 – 4:30p	Final Assessment
4:30 – 4:45p	Wrap-up & Final Questions

Learning Objectives:

*At the conclusion of this activity, the **pharmacist** and **pharmacy technician** will be able to:*

1. Explain USP <797> requirements related to personnel training, competency assessment, and aseptic practice
2. Demonstrate proper hand hygiene and garbing procedures for sterile compounding
3. Identify primary engineering controls (PECs) and secondary engineering controls (SECs) used in sterile compounding
4. Describe ISO classifications and cleanroom design requirements for sterile compounding facilities
5. Perform environmental cleaning and disinfection procedures in accordance with USP <797> standards
6. Discuss environmental monitoring results associated with sterile compounding practices
7. Perform proper materials handling of supplies and equipment used in sterile compounding
8. Demonstrate aseptic manipulation techniques used in sterile compounding, including withdrawal from vials and ampules, reconstitution, and IV admixture preparation
9. Apply principles of first air, critical site protection, and airflow management during sterile compounding
10. Perform basic calculations for compounded sterile preparations (CSP)
11. Incorporate compatibility, stability, and beyond-use date (BUD) considerations into compounding decisions
12. Demonstrate competency in sterile compounding through simulation-based preparation and formal assessment