CCR'S Sterile Compounding In-person Training
ACPE Accredited Certificate Program (27.5 hrs)

Agenda Items (Module 1 Sterile Non-HD Compounding - 16.5 hours)

Day 1

1:00 – 1:30 pm	Introduction and Housekeeping Items (non-accredited)
1:30 – 2:30 pm	Overview of Compounding (Lecture 1)
2:30 – 3:30 pm	Quality Assurance (Lecture 2)
3:30 - 3:45 pm	Break
3:45 - 4:45 pm	Training and Competency Assessments (Lecture 3)
4:45 – 5:30 pm	Inventory, Storage, Verification, and Packaging (Lecture 4)
5:30 – 6:30 pm	Assigning Beyond-Use Dates (Lecture 5)
6:30 – 6:45 pm	Closing statements and questions

Day 2

9:00 – 9:15 am	Recap of previous day and questions
9:15 – 9:45 am	Practical Knowledge Check: Quality Assurance and Beyond-use Dates (Lab 1)
9:45 - 11:15 am	Engineering Controls (SEC and PEC) (Lecture 6)
15 mins	Break
11:15 am – 12:15 pm	Practical Knowledge Check: Certification (Lab 2) Group 1: In the cleanroom learning the basics about all the different certification tests and tools used to perform them. (30 mins) Group 2: In the classroom reviewing a certification report and the CAG documents. (30 mins) And then switch.
12:15 am – 1:15 pm	Environmental Monitoring (EM) (Lecture 7)
30 mins	Lunch
1:45 – 2:30 pm	Practical Knowledge Check: Performing Air and Surface Viable Monitoring (Lab 3)
2:30 - 3:15 pm	Practical Knowledge Check: EM Investigation and Remediation (Lab 4)
3:15 – 4:00 pm	Gloved Fingertip Sampling and Media Fill Testing (Lecture 8)
4:00 – 5:00 pm	Cleaning and Disinfecting (Lecture 9)
15 mins	Break
5:15 – 6:15 pm	Contamination Control Principles: Hand Hygiene and Garbing (Lecture 10)
6:15 – 7:00 pm	Contamination Control Principles: Material Handling & Operator Conduct (Lecture 11)
7:00 – 7:15 pm	Closing statements and questions ****Group dinner provided by CCR****

Day 3

9:00 – 9:15 am	Recap of previous day and questions
9:15 – 10:00 am	Contamination Control Principles: Aseptic Technique (Lecture 12)
10:00 – 11:30 am	Practical Knowledge Check: Applying Contamination Control Principles in the Cleanroom (Lab 5) Group 1: In the cleanroom performing all CCP elements with smoke feedback to identify good aseptic technique (both cleanrooms) Group 2: In the classroom watching case study videos and discussing first air and potential issues and how to improve a compounder's aseptic technique. 45 mins each activity then switch
11:30 am – 12:00 pm	Technology in the Cleanroom (Lecture 13)
12:00 – 12:15 pm	Closing Remarks
12:15 – 1 :00 pm	Lunch

Agenda Items (Module 2 Sterile HD Compounding – 11 hours)

Day 3

1:00 – 2:00 pm	Handling Hazardous Drugs and Standards to Prevent Harm (Lecture 1)
2:00 – 2:45 pm	Assessment of Risk (Lecture 2)
2:45 – 3:00 pm	Break
3:00– 4:15 pm	Containment Engineering Controls (Lecture 3)
4:15 - 5:00 pm	Interactive: Problem Solving Downtime Issues with Engineering Controls (Lecture 4)
5:00 – 5:15 pm	End of day and questions

Day 4

9:00 – 9:15 am	Recap from previous day and questions
9:15 – 10:15 am	HD PPE Donning and Doffing (Lecture 5)
10:15 – 10:30 am	Break
10:30 – 11:15 am	Receiving, Material Handling and Transport (Lecture 6)
11:15 am– 12:00 pm	HD Spills and Kits (Lecture 7)
12:00 – 12:45 pm	HD Wipe Sampling (Lecture 8)
30 mins	Lunch
1:15 – 2:00 pm	Medical Surveillance (Lecture 9)
2:00 – 2:45 pm	Practical Knowledge Check: HD Donning and Doffing (Lab 1)
2:45 – 3:45 pm	Decontamination, Cleaning and Disinfecting (Lecture 10)
3:45 – 4:00 pm	Break
4:00 - 5:00 pm	Compounding HDs (Lecture 11)
5:00 – 5:45 pm	Practical Knowledge Check: CSTDs vs. Traditional Compounding (Lab 2)
5:45 – 6:00 pm	Recap of the week and questions and review of the competency assessment for Friday.

Non-accredited activity

Day 5 (8:30 am – 1:00 pm) *time may be adjusted depending on the number of participants*

OPTIONAL FOR THOSE WHO CHOSE TO PARTICIPATE WHEN BOOKING THE CLASS.

Competency assessments by a subject matter expert during the following activities:

- Material transfer
- Hand hygiene and garbing
- Sterile gloves with GFS
- Cleaning and disinfection of the PEC
- Perform a media-fill test followed with a surface sample of the direct compounding area and ongoing GFS.
- Documented visual observation throughout all procedures.

***MFT, SS, GFS are incubated by a third-party accredited lab and read per USP 797 (2023) by a microbiologist and results are shared with individuals once received and reviewed by CCR.**

***MFT are designed and completed depending on the attendees' work practices:**

- **Sterile to sterile compounding**
- **Nonsterile to sterile compounding**
- **HD compounding using CSTDs.**