

CCR'S Sterile Compounding In-person Training

Continuing Education Units: 16.5 hours



Critical Compounding
Resources

Agenda Items (Module 1 Sterile Non-HD Compounding)

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	<p>Practical Knowledge Check: Certification (Lab 2)</p> <p>Group 1: In the cleanroom learning the basics about all the different certification tests and tools used to perform them. (30 mins)</p> <p>Group 2: In the classroom reviewing a certification report and the CAG documents. (30 mins)</p> <p>And then switch.</p>
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	<p>Closing statements and questions</p> <p>**Dinner provided by CCR**</p>

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	<p>Practical Knowledge Check: Applying Contamination Control Principles in the Cleanroom (Lab 5)</p> <p>Group 1: In the cleanroom performing all CCP elements with smoke feedback to identify good aseptic technique (both cleanrooms)</p> <p>Group 2: In the classroom watching case study videos and discussing first air and potential issues and how to improve first air.</p> <p>45 mins each activity then switch</p>
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

CCR'S Hazardous Drug Compounding In-person Training Continuing Education Units: 10.5 hrs.



Agenda Items (Module 2 Sterile HD Compounding)

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.**