

Suggested Sterile Compounding eCurriculum Training Schedule



- To get the most out of the eCurriculum, the following is a suggested schedule. Depending on your subscription, you may not have all the listed eLessons.
- If your organization does not perform nonsterile-to-sterile or hazardous drug compounding, or if other eLessons do not apply, adjust the schedule to one that makes sense for your practice, staff, experience, and needs.
- We suggest you complete our eCurriculum over time. By doing so, the curriculum is more meaningful and not simply viewed as a task. Learning science demonstrates that retention is enhanced by learning and applying a few topics at a time.
- Training required by USP 797 (2008) and USP 800 (2016) is marked with an asterisk (*).

Suggested Sterile Compounding eCurriculum Training Schedule

1st Tier of Required eLessons for a New Hire

1. The History of Compounding and USP Sterile Compounding Chapters
2. Overview of Quality and Responsibilities of Compounding Personnel
3. Primary Engineering Controls: Function, Use, Testing, and Certification
4. Secondary Engineering Controls: Function, Use, Testing, and Certification
5. Personnel Hand Hygiene, Garbing, and Gloved Fingertip Sampling*
6. Proper Material Handling
7. Aseptic Technique and Conduct in Controlled Environments*
8. Use of Syringes, Needles, Vials, Ampules, and Filters
9. Personnel Competency Testing in Aseptic Manipulation*

2nd Tier of Required eLessons for a New Hire

1. General Elements of Documentation
2. Purpose and Effective Use of SOPs
3. Overview of Cleaning and Disinfection of Pharmacy Controlled Environments*
4. Cleaning and Disinfection of Primary Engineering Controls*
5. Cleaning and Disinfection of Secondary Engineering Controls*
6. Master Formulation and Compounding Records
7. Labeling and Packaging
8. Quality Releases and Final Checks of CSPs
9. Use of Automated Compounding Devices
10. Overview of Environmental Monitoring

3rd Tier of eLessons, if HD training is required

1. Hazardous Drug Compounding: Introduction and Overview*
2. Hazardous Drug Compounding: Primary and Secondary Engineering Controls*
3. Hazardous Drug Compounding: Use of Personal Protective Equipment*
4. Hazardous Drug Compounding: Receiving, Storage, Compounding, etc.*
5. Hazardous Drug Compounding: Decontamination, Spills, Staff Training*

4th Tier of eLessons, if advanced training is required

1. Determining Beyond-Use Dating
2. Viable Air and Surface Sampling
3. Investigation and Remediation of Viable EM and Personnel Sampling Excursions
4. Sterile Compounding Outside of SCAs and Cleanroom Suites
5. Sterility Testing Requirements of USP Chapters 71 and 797
6. Bacterial Endotoxin Testing
7. Steam and Dry-Heat Sterilization Methods
8. Sterilization by Filtration