

Course Outcomes Guide (COG)

Course: PHR-112 and 112L Sterile Medication Prep

Date: Spring, 2018

Course Team: Christina Nguyen, PharmD

Expected Learning Outcomes

1. Demonstrate an understanding of terminology associated with the sterile medication preparation;
2. Interpret prescription/medication orders and fill/prepare for dispensing medications correctly;
3. Demonstrate proficiency in pharmacy calculations;
4. Prepare sterile compounded preparations using aseptic technique and good compounding practices including syringes, mini-bags, TPN, LVP and SVPs, elastomeric, and proprietary IV systems;
5. Describe how USP <797> relates to sterile compounding and best compounding practices;
6. Demonstrate an understanding of hazardous drug handling, preparation, dispensing and destruction;
7. Exhibit an understanding of medication delivery systems, including ambulatory and pole mounted pumps;
8. Describe the process of selecting the appropriate medications for sterile compounding;
9. Demonstrate the correct hand washing and gowning procedures;
10. Describe the procedures and operations relating to the compounding, packaging, and labeling of drugs, including hazardous medications;
11. Manipulate automated compounding devices (ACDs) such as TPN compounders and repeater pumps, in compounding;
12. Exhibit an understanding of the correct manipulation of electronic balances, hot plate/magnetic stirrers, and standard laboratory equipment; and
13. Explain and demonstrate the procedures and techniques relating to aseptic technique;
14. Demonstrate sanitation and maintenance techniques to ensure cleanliness in the pharmacy compounding areas.

Assessment: Assessments include homework assignments and projects (25% of overall grade), weekly quizzes (30% of overall grade), chapter examinations (20% of overall grade) and one cumulative lab practicum (25% of overall grade). Students are required to achieve an overall grade of 75% or better.

Validation: This is didactic course, in which the overall grade is determined by the completion of course assessments with a goal of 100% of students achieving an average of 70% or higher.

By completing this course, students will achieve the objectives as mandated by the accreditation standards for the American Society of Health Systems Pharmacist (ASHP).

Results: There are no results to present, as there were no students registered in the course during spring, 2018 semester.

Assessments	Course Average
Quizzes	No data
Assignments & Projects	No data
Chapter Exams	No data
Cumulative Lab Practicum	No data
Overall Course Grade	No data

Follow-up: No follow-up at this point.

Budget Justification: No changes are needed at this point.