

Course Outcomes Guide (COG)

Course: PHR-101 Introduction to Pharmacy Technician

Date: Spring, 2018

Course Team: Christina Nguyen, PharmD

Expected Learning Outcomes

1. Demonstrate a basic understanding of history of pharmacy;
2. Explain the requirements for pharmacy technician to become nationally certified;
3. Demonstrate an understanding of the basic pharmacy calculations;
4. Demonstrate understanding of the roles of federal agencies and professional pharmacy organizations in regulating pharmacy practice;
5. Identify and explain key important roles pharmacy technician play in maintaining workflow of a pharmacy in community and institution settings;
6. Explain the basic federal and state law principles of pharmacy practice;
7. Demonstrate a basic understanding in prescription processing in the community pharmacy and the requirements for prescriptions and billing;
8. Demonstrate understanding of basic medical terminology, medical abbreviations, and pharmacy abbreviations;
9. Demonstrate a proficiency in identifying brand and generic names of the top 200 drugs along with it's drug classification and regulatory status;
10. Demonstrate knowledge of basic concepts of pharmacokinetics, drug-drug interactions, and medication errors;
11. Identify potential medication errors and demonstrate understanding how to prevent medication errors;
12. Identify routes of administration (parenteral vs enteral); and
13. Demonstrate basic concepts in USP 795, non-sterile compounding; USP 797, sterile compounding; and USP 800 Handling of Hazardous Drug.

Assessment: Assessments include homework assignments (20% of overall grade), quizzes (15% of overall grade), projects (10% of overall grade), chapter examinations (25% of overall grade) and one cumulative final examination (30% of overall grade). Students were also assessed weekly on their top 200 drug list and were required to pass with a 70% or better on each quiz. 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: These results are based, on five students who were enrolled in the course during the spring, 2018 semester.

Assessments	Course Average
Quizzes	69.67%
Assignments	84.76%
Projects	76.02%
Chapter Exams	81.71%
Cumulative Final Examination	84.80%
Overall Course Grade	86.48%

Follow-up: Adjustments will continually be made to link concepts with the practical aspects of pharmacy settings and the role of a pharmacy technician.

Budget Justification: No changes are needed at this point.