Course Outcomes Guide (COG)

Course: PHR-113 and PHR 113L Pharmacy Operations & Trends & Lab **Date**: Spring, 2018

Course Team: Christina Nguyen, PharmD

Expected Learning Outcomes

1. Demonstrate the understanding of the rules and regulations of pharmacy practice;
2. Demonstrate a strong proficiency in understanding common medical terminology, medical abbreviation, and pharmacy abbreviation;
3. Demonstrate the understanding of proper workflow in community pharmacy and the important roles pharmacy technician plays in assisting the pharmacist;
4. Identify the duties that pharmacy technician can and cannot perform in community and institutional settings;
5. Demonstrate understanding basic pharmacy calculations;
6. Demonstrate understanding of inventory control and management in community and institutional pharmacies;
7. Demonstrate proficiency in prescription processing with data entry, calculation, and identifying key information required for claims processing;
8. Demonstrate basic understanding of sterile and non-sterile compounding using USP 797 and USP 795 guidelines;
9. Identify key concepts in team building, professionalism, and cultural competency in pharmacy settings. Including mock-interviews and resume workshop; and
10. Identify the importance of proper drug disposal in the pharmacy and proper drug disposal for patients.

Assessment: Assessments include homework assignments (15% of overall grade), attendance and participation point questions and answers (10% of overall grade), midterm exam (30% of overall grade) and case studies (10% of overall grade). Students were also given a final exam (30% 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: These results are based, on two students who were enrolled in the course during the spring, 2018 semester.

Assessments	Course Average
Quizzes & Assignments	85.71%
Project	100.00%
Chapter Exams	77.39%
Attendance	95.45%
Lab	86.93%
Overall Course Grade	86.05%

Follow-up: Re-evaluation of course textbook will be made for next semester. The current software available for the classroom was not working appropriately. Additional software technology will be required for this course in the future.

Budget Justification: This course requires some computer programming to simulate the retail prescription processing and hospital pharmacy medication orders processing.