

Course Outcomes Guide Spring 2014
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Course/Program Title: PHR 101 Introduction to Pharmacy Technology

Date: 5/8/14

Spring 2014 Semester

Course/Program Team: Jessie Lindner

Expected Learning Outcomes:

1. Recognize basic aspects of professionalism in the pharmacy setting.
2. Discuss duties of the pharmacy technician in a variety of settings.
3. Explain the process of purchasing, inventory control and reimbursement for pharmaceuticals.
4. Perform basic mathematic skills essential to the duties of a pharmacy technician.
5. Explain how technology and pharmacy procedures are utilized to ensure medication safety, regulatory compliance and provide overall quality assurance.

Assessment:

Course completion: Number passing at 75% or greater.

Course Outcomes: Common Final Exam

CO #1	Multiple Choice Questions # 53-54	True/False Questions # 11-12
CO #2	Multiple Choice Questions # 1, 46, 65	True/False Question # 4
CO #3	Math Question #6 (Purchasing)	
CO #3	Multiple Choice Question #70	(Inventory Control)
CO #3	Multiple Choice Question #39	(Reimbursement)
CO #4	Math Question #2 and #5	(General Math Skills)
CO #4	Day Supply Questions # 1-3	(Day Supply)
CO #4	Quantity Dispensed Questions #1-2	(Quantity Dispensed)
CO #5	Multiple Choice Question # 31	(Medication Safety)
CO #5	Multiple Choice Questions #36 &41	(Regulatory Compliance)
CO #5	Multiple Choice Question #59, T/F # 1	(Quality Assurance)

Validation:

Course Completion:

Completion of course with an average grade of 75% or higher.

Course Outcome 1	Common Final Exam Questions:	75% will get > 75% correct
Course Outcome 2	Common Final Exam Questions:	75% will get > 75% correct
Course Outcome 3	Common Final Exam Questions:	75% will get > 75% correct
Course Outcome 4	Common Final Exam Questions:	75% will get > 75% correct
Course Outcome 5	Common Final Exam Questions:	75% will get > 75% correct

Results:

Course Completion:

75 % (6/8 students) Completed the course with a grade of 75% or higher.

25 % (2/8 students) Completed the course with a grade of less than 75%. Of these, 1 was a “walk-away” F grade.

Course Outcomes: (Common Final Exam Questions) (Number of Students Assessed was 7)

Course Outcome #1:	75% will get > 75% correct	
Multiple Choice Questions # 53-54, True/False Questions # 11-12		100%
Course Outcome #2:	75% will get > 75% correct	
Multiple Choice Questions # 1, 46, 65, True/False Question # 4		96.43%
Course Outcome #3:	75% will get > 75% correct	
Math Question #6 (Purchasing)		28.57 %
Multiple Choice Question #70 (Inventory Control)		85.71%
Multiple Choice Question #39 (Reimbursement)		71.43%
Course Outcome #4:	75% will get > 75% correct	
Math Question #2 and #5 (General Math Skills)		85.71 %
Day Supply Questions # 1-3 (Day Supply)		57.14 %
Quantity Dispensed Questions #1-2 (Quantity Dispensed)		85.71 %
Course Outcome #5:	75% will get > 75% correct	
Multiple Choice Question # 31 (Medication Safety)		100 %
Multiple Choice Questions #36 &41 (Regulatory Compliance)		64.29 %
Multiple Choice Question #59, T/F # 1 (Quality Assurance)		100 %

Follow-up:

Students did not meet outcome #3 regarding purchasing and reimbursement.

Instructor will spend more lecture time on topic. Incorporate more problems in homework and in-class exercises. Instructor will also have more in class discussion of the importance of online adjudication.

Students did not meet outcome #4 regarding the calculation of day supply. Instructor will spend more lecture time on topic. Incorporate more worksheets on calculating day supply. Incorporate more questions on topic in homework exercise.

Students did not meet outcome #5 regarding regulatory compliance. Instructor will spend more lecture time on topic. Incorporate more questions on regulatory guidelines on homework exercises.

Budget Justification:

None at this time.