

MoSTEMWINS

Overview Table of Course Components: Course Objectives, Module/Unit Objectives, Activities and Assessments

Complete one table for each program course developed or enhanced with grant funds. Consult the SME assessment rubric to ensure you provide sufficient detail in describing learning activities and assessments to showcase the strengths of your course.

Course Title: PHR 1120: Pharmacy Calculations

COURSE OBJECTIVE	MODULE-/UNIT-LEVEL OBJECTIVE	LEARNING ACTIVITIES	ASSESSMENTS
Students should be able to understand calculations associated with pharmacy.	Pharmacy Calculations	Class presentation Class discussion	Homework Chapter test Final exam
Students should be able to utilize written and oral communication skills effectively.	Communication	Class presentation Class discussion	Homework Chapter test Final exam
Students should be able to calculate amounts of drug necessary to fill a prescription based on information included on a prescription.	Drug Calculations	Class presentation Class discussion	Homework Chapter test Final exam
Review number systems, fractions and decimals.	Chapter 1	Class presentation Class discussion	Homework Chapter test Final exam
Ratio, percents and proportions.	Chapter 2	Class presentation Class discussion	Homework Chapter test Final exam
Develop literacy skills critical to pharmacy calculations.	Chapter 3	Class presentation Class discussion	Homework Chapter test Final exam
Conversions within the metric and household systems of measure.	Chapter 4 & 5	Class presentation Class discussion	Homework Chapter test Final exam
Parenteral injections and infusions.	Chapter 6 & 7	Class presentation Class discussion	Homework Chapter test Final exam
Percentage and ratio strength dilutions.	Chapter 6 & 7	Class presentation Class discussion	Homework Chapter test Final exam
Special calculations in compounding.	Chapter 8	Class presentation Class discussion	Homework Chapter test

