

CAL 351 : Pharmacy calculations

This course will introduce the students to the knowledge and skills of fundamental mathematical calculations utilized in pharmacy practice. It will explain to the students the important basic conversions, how drugs strengths are expressed, and how to do the required calculations for compounding medications. Topics include: systems of measurement, expressions of concentrations, general considerations in calculation of doses, calculation of doses according to the patient parameters, buffer system calculations, isotonicity calculations and electrolytes specific calculations. Principles taught in this course will allow the students to interpret and dispense prescriptions and medication orders.

Credits 1

Prerequisite Courses

MAT 235

Corequisites

None