

University of Al-Anbar

College of Pharmacy

Department of Pharmaceutics

Title of the course: *Principles of Pharmacy Practice* Course number: **112**

Level: 1st Class, 1st Semester

Credit hours: **Theory 2 hours Laboratory -----**

Tutors:

Reference text: *Pharmaceutical Calculation by Stoklosa; Latest edition.*

Objectives: Involves brief information about old pharmacy. It teaches kinds of numbers, abbreviations that are commonly used in prescriptions and their meanings. In this course the students will understand the components of typical prescription, the different unit systems and the relation between these systems. Students will also be familiar with the methods and tools of measuring weights and volumes, and how to calculate doses on different bases and know how to reduce or enlarge formulas; they will be able to describe values in percentage and ratio strength.

No	Lecture title	hours
1.	Some fundamentals of measurements and calculations.	4
2.	Interpretation of prescription or medication orders.	4
3.	The metric system.	4
4.	Calculation of doses.	4
5.	Reducing and enlarging formulas.	4
6.	Density, specific gravity and specific volume.	4
7.	Percentage and ratio strength calculation.	6