

Principles of Pharmacy Practice
University of Baghdad
College of Pharmacy
First Level
1st semester **2022-2023**



Credit Hours: Lecture 2.0

Instructors: Dr. Kawther K. Ahmed (PhD), kawthar.joudi@copharm.uobaghdad.edu.iq
Dr. Zainab Thabit Saleh(PhD), zainab.saleh@copharm.uobaghdad.edu.iq

Students are encouraged to reach out to course instructors to seek help with class materials or inquire about other issues related to this course. Students can contact instructors using email addresses provided above or visit instructors during office hours

Class meeting time:

Tuesday **A:** 11:30 – 12:30 PM, **B:** 9:30 – 10:30 AM

Thursday **A:** 12:30 – 1:30 PM, **B:** 10:30 – 11:30 AM

Please refer to class timetable for the specific lecture hall

Brief course description:

This course aims at introducing students to basics in pharmacy practice. The course includes learning abbreviations commonly used prescriptions. The course has sizable mathematical components where students will be applying simple mathematical operations and concepts commonly needed in different areas of pharmacy practice.

Learning objectives:

In this course the students will understand the components of a typical prescription, be familiar with the methods and tools of measuring weights and volumes. Students will learn about expressing concentrations in different formats like percentage and ration strength. Students will also learn how to calculate doses on different bases.

Class notes and materials:

1. Google classroom will be used as the electronic course management tool in this course. Students should login to the course site on Google classroom for lecture materials and assignments. Students will need to use their university email (name@copharm.uobaghdad.edu.iq) to log in to class website.
2. Class materials will be provided in the format of pdf handouts summarizing important lecture content.
3. Students are expected to participate in the classroom. Participation will count toward course grades.
4. Students should expect pop quizzes any time during the course
5. There will be assignments posted on Google classroom and students are expected to turn in their work on the classroom on time. Students will be allowed sufficient time to submit their assignments. Late assignments will be accepted.

Grading:

Tentative grading system for this course is as follows

Midterm exam	25%
Assignments and quizzes	5%
Final exam	70%

Reference textbook:

The following textbook will be used for this course:

Pharmaceutical Calculations, Howard C. Ansel, 13th Edition.

An electronic copy of the textbook will be available on the course google classroom.

Electronic classroom expectations:

The course website will be the main way of delivering course content and communication between students and instructors. Students should have their names displayed in Arabic and have a profile picture added to their profile

Students are welcomed to ask questions by commenting on class material posted. Students can ask questions using the private comment feature where only instructors will be able to see the comments. This feature is available on all assignment posts and not on materials.

Please allow some time for instructors to see your comment or email and respond to it before you resend them

Course Topics:

Below is a summary of tentative topics to be covered in this course

Chapter	Title	Page number
Chapter 3	Pharmaceutical Measurement	35
Chapter 4	Interpretation of Prescriptions and Medication Orders	49
Chapter 5	Density, Specific Gravity, and Specific Volume	69
Chapter 6	Percentage, Ratio Strength, and Other Expressions of Concentration	81
Chapter 7	Calculation of Doses: General Considerations	103