

Faculty of Pharmacy

Pharmaceutics II

Information :

Course Code : PT 404

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Lecturer	Maha Osama Abdelaziz Mohamed Elkayal	2
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	
Assistant Lecturer	Rinada Hussien Sadek Hassan	
Assistant Lecturer	Reem Khaled Mohamed Ibrahim Wassif	

Description :

This course covers the structure and function of the skin, target area of treatment after topical application to skin, basic principles of diffusion through membranes and factors affecting percutaneous absorption, enhancement of skin penetration, transdermal drug delivery systems (TDDS). It also describes the principles and techniques involved in the formulation, manufacturing and quality control tests of emulsions (oral, parenteral and topical) and traditional dermatological semisolid dosage forms (creams, ointments, gels and pastes). Formulation, manufacturing and quality control tests of different types of suppositories as molded solid preparations are also included.