

Faculty of Pharmacy
Pharmaceutical Dosage Forms-II

Information :

Course Code : PT 404

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Associate Professor	Maha Osama Abdelaziz Mohamed Elkayal	2
Associate Professor	Maha Osama Abdelaziz Mohamed Elkayal	2
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	2
Lecturer	Patrick Joseph O'Dwyer	
Teaching Assistant	Sara Sherif Mansour Aly Abdallah	
Teaching Assistant	Youssef Amr Fathy Gomaa Fathallah	
Teaching Assistant	Nada Hesham Abdelsamie Mohamed Afify	

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.