

Faculty of Pharmacy

Drug Design

Information :

Course Code : PC 709

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Associate Professor	Iten Mamdouh Fawzy Abdelmotaleb	0
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	1
Associate Professor	Iten Mamdouh Fawzy Abdelmotaleb	0
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Teaching Assistant	Yasmeen Ehab Gamal Gadallah	
Teaching Assistant	Nada Ahmed Hader Ahmed	

Description :

The course is tailored to assist the students to gain concrete knowledge about the recent techniques used in drug design (based on computer-aided drug design, Molecular Modeling aspects, pharmacophore generation) and drug optimization process. The student will be able to understand the physicochemical properties of drugs in relation to biological action, drug receptor interactions, isosterism, drug metabolism and prodrug concept. In the practical course, the student will be able to deal with some computer aided drug design software