

**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	ASMAA ABDELKERIM MANDOUR KHADR	0
Lecturer	Iten Mamdouh Fawzy Abdelmotaleb	0
Lecturer	Yomna Ibrahim Hassan El Gazzar	0
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	
Assistant Lecturer	Sarah Mohamed Osama Saeed Abdelhamid	
Assistant Lecturer	MONA NABIL MOHAMED HASSAN	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Assistant Lecturer	Haitham Abbas Ali El Fiky	
Assistant Lecturer	Ola Gamal Hussein Farrag	
Teaching Assistant	Aya Reda Aly Mohamed	
Teaching Assistant	AYA YASSER ALI MOHAMED ALI	
Teaching Assistant	Aya Mostafa Mahmoud Ghareeb	

**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