

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 Abdelmotalieb | 0 |
| Lecturer | MENNATALLAH ATEF SAAD ALY EWIDA | |
| Assistant Lecturer | Dina Yousry Mohamed Kamel El Ansary | |
| Teaching Assistant | Yasmeen Ehab Gamal Gadallah | |

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