

**Faculty of Pharmacy**

**Pharmaceutical Organic Chemistry I**

**Information :**

**Course Code :** PC 102

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Pharmacy

**Instructor Information :**

Title	Name	Office hours
Associate Professor	Iten Mamdouh Fawzy Abdelmotaleb	5
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	5
Lecturer	EMAN MOHAMED FARAG MAHMOUD MORGAN	
Lecturer	Ola Gamal Hussein Farrag	
Lecturer	DINA ABBAS AHMED MOSTAFA	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Assistant Lecturer	Haitham Abbas Ali El Fiky	
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Teaching Assistant	Hagar Magdi Mohamed Mostafa	
Teaching Assistant	Sara Sherif Mansour Aly Abdallah	

**Description :**

The objective of this course is to provide students with the basic knowledge in pharmaceutical organic chemistry, which will serve as fundamentals for other courses offered during subsequent semesters. This course involves Electronic structure of atom, alkanes [nomenclature, synthesis and reactions (free radical reactions)], and cycloalkanes. Alkenes, alkydienes and alkynes. Alkyl halides, Alcohols, ethers & epoxides (nomenclature, preparation and chemical reactions (SN1, SN2, E1, E2)). In addition it covers Stereochemistry (Optical isomers, racemic modification and nomenclature of configurations).