

**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
Professor	Nasser Saad Mohamed Ismail	3
Professor	HANAN MOHAMED REFAAT KHALIL ELAASI	
Lecturer	Iten Mamdouh Fawzy Abdelmotaleb	2
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	2
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Assistant Lecturer	EMAN MOHAMED FARAG MAHMOUD MORGAN	
Assistant Lecturer	MARYAM AHMED ABDELRAOUF BAKR	
Assistant Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Assistant Lecturer	Yomna Ibrahim Hassan El Gazzar	
Assistant Lecturer	MONA NABIL MOHAMED HASSAN	
Teaching Assistant	Alaa Atef Fawzy Hassan	
Teaching Assistant	Youmna Waheed Abdelnaeem Abdelhamid	
Teaching Assistant	Aya Reda Aly Mohamed	

**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, alkadienes 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).

**Books :**

Book	Author	Publisher
Organic Chemistry, 8th edition (Ebook)	John McMurry	Cengage