

**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           | MENNATALLAH ATEF SAAD ALY EWIDA               | 2            |
| Lecturer           | Iten Mamdouh Fawzy Abdelmotaleb               | 1            |
| Lecturer           | Iten Mamdouh Fawzy Abdelmotaleb               | 1            |
| Lecturer           | MENNATALLAH ATEF SAAD ALY EWIDA               | 2            |
| Assistant Lecturer | Yomna Ibrahim Hassan El Gazzar                |              |
| Assistant Lecturer | Dina Yousry Mohamed Kamel El Ansary           |              |
| Assistant Lecturer | Sara Abdel Rsheed Mohamed Mohamed Elhanboushy |              |
| Assistant Lecturer | Yomna Ibrahim Hassan El Gazzar                |              |
| Assistant Lecturer | EMAN MOHAMED FARAG MAHMOUD MORGAN             |              |
| Teaching Assistant | Hagar Magdi Mohamed Mostafa                   |              |
| Teaching Assistant | Nourhan Hossam Mohamed Elsadek Elwan          |              |
| 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).

