

## Faculty of Pharmacy

### Pharmaceutics-3

#### Information :

**Course Code :** PHT 325

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Pharmacy

#### Instructor Information :

| Title              | Name                                   | Office hours |
|--------------------|--|--------------|
| Professor          | Dalia Samuel Shaker Kirolos            | 10           |
| Professor          | Mona Ebrahim Abdel Tawab Ahmed Elassal | 8            |
| Professor          | Rehab Nabil Mohamed Shamma             | 1            |
| Professor          | Mona Ebrahim Abdel Tawab Ahmed Elassal | 8            |
| Teaching Assistant | Sara Azeez Abdelhameed Ali             | 4            |
| Teaching Assistant | Rinada Hussien Sadek Hassan            | 6            |
| Teaching Assistant | Manar Magdy Labib Mohamed Essa         | 2            |
| Teaching Assistant | Ahmed Samir Mohamed yacoub             | 4            |
| Teaching Assistant | Sara Azeez Abdelhameed Ali             | 4            |
| Teaching Assistant | Rinada Hussien Sadek Hassan            | 6            |

#### Description :

This course deals with sterile dosage forms, reaction kinetics and drug stability. The course is designed to provide the student with adequate knowledge on sterile dosage forms including parenterals and ophthalmics as well as sterilization processes. It deals also with aerosols and inhalations dosage forms. The course also provides the student with an in-depth knowledge of chemical kinetics underlying the degradation of drugs and methods of determination of the order of the reaction. The course is also designed to provide the student with adequate knowledge about the degradation pathways of the drugs in different pharmaceutical dosage forms and how to predict a product shelf-life. The course also utilizes the knowledge of optimum storage conditions for finished pharmaceutical products.