

**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
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	4
Assistant Lecturer	Yasmin Ahmed Emam El Tellawy	2
Assistant Lecturer	Nada Zaghoul Ahmed Hussein	5
Teaching Assistant	DAHAB ABDELAZIZ MOHAMED ALI ELAWADY	1
Teaching Assistant	Esraa Mohamed Gomaa Awad Allah	

**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.