

## **Faculty of Pharmacy**

## Pharmaceutical dosage forms I

Information:

Course Code: PT 303 Level: Undergraduate Course Hours: 3.00- Hours

**Department:** Pharm D Clinical Pharmacy

| Instructor Information : |   |              |
|--------------------------|---|--------------|
| Title                    | Name  | Office hours |
| Professor                | AZZA AHMED MOHAMED MAHMOUD                  | 1            |
| Lecturer                 | Amr Maged Ibrahim Abdelbaky                 | 1            |
| Assistant Lecturer       | Rinada Hussien Sadek Hassan                 | 3            |
| Assistant Lecturer       | Aya Hussein Sayed Metwally Hassanein        |              |
| Assistant Lecturer       | AHMED ABDELAZEEM NASRELDEEN MOHAMED ZAGHLOL |              |
| Teaching Assistant       | Nada Hesham Abdelsamie Mohamed Afify        |              |
| Teaching Assistant       | Eman Abdel Baset Mohamed Mohamed            |              |
| Teaching Assistant       | Sara Sherif Mansour Aly Abdallah            |              |
| Teaching Assistant       | Youssef Amr Fathy Gomaa Fathallah           |              |
| Researcher               | Joseph O' Shea                              |              |

## **Description:**

This course is a study of the system of weights, measures, mathematical expertise and pharmaceutical calculations requisite to the compounding, dispensing, and utilization of drugs in pharmacy practice. It is also concerned with all manufacturing formulations aspects, packaging, storage and stability of liquid dosage forms including solutions (aqueous and non-aqueous), suspensions and colloids with emphasis on the technology and pharmaceutical rationale fundamental to their design and development. The incompatibilities occurring during dispensing are also considered.