

Faculty of Pharmacy

Physical Pharmacy

Information :

Course Code : PHT 212

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Pharmacy

Instructor Information :

Title	Name	Office hours
Lecturer	NADA MOHAMED ALI ANWAR MOHAMED ELHOFFY	1
Teaching Assistant	DAHAB ABDELAZIZ MOHAMED ALI ELAWADY	1
Teaching Assistant	Rinada Hussien Sadek Hassan	1

Description :

This course aims to provide the student with good knowledge on some physical pharmacy principles essential for designing dosage form including state of matter and phase equilibria. It will also cover the physical phenomena related to solubility and colligative properties aiming to assets the preparation of pharmaceutical solutions and enhancing the drug solubility in different dosage forms. The course will also cover rheology, surface phenomena and surfactants to help in the production of successful pharmaceutical dispersion systems. The course emphasizing on those phenomena applicable to various topics of pharmaceuticals and focusing on the theories behind those needed for dosage form design.