

University of Al-Anbar

College of Pharmacy

Department of Pharmaceutics

Title of the course: *Pharmaceutical Technology II* Course number: **328**

Level: 3rd Class, 2nd Semester

Credit hours: **Theory 3 hours Laboratory 1 hour**

Tutors:

Reference text: *Pharmaceutical Dosage forms and Drug Delivery Systems by Haward A. Ansel; latest edition* and *Sprowel's American Pharmacy; Latest edition.*

Objectives: To teach theoretical bases for the technology of preparing different dosage forms with respect to their raw materials, compositions, methods of preparation, stability, storage and uses; in addition to define and characterize the possible incompatibilities that may occur in dosage forms.

No	Lecture title	hours
1.	Emulsions; purpose of emulsification; methods of emulsification; emulsifying agents; HLB system; stability of emulsions.	10
2.	Lotions; liniments and collodions.	5
3.	Suppositories.	6
4.	Powdered dosage forms.	10
5.	Semisolid dosage forms.	10
6.	Incompatibilities in pharmaceutical dosage forms.	4