

**University of Al-Anbar**

**College of Pharmacy**

**Department of Pharmaceutics**

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

Level: 3<sup>rd</sup> Class, 2<sup>nd</sup> 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.***

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**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