

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pharmaceutics I Lab
Course number	PHTC2108
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Course objectives of pharmaceutics 1 lab includes providing the student with skills of reading of prescription and its symbols of pharmacy , skills of preparation of many of liquid and semisolid dosage forms, methods of preparation of emulsion and its problem , methods of preparation of suspension , ointment ,cold cream ,vanishing cream , pastes, gels, and suppositories and its quality control test for each of the previous formulation

Intended Learning Outcomes

Knowledge and Understanding	* 1-Knowledge of nature of all inactive ingredients used in each formula and its chemical and physical characteristic. 2- Knowledge of all used tools in formulation of pharmaceutical dosage form . 3- understanding of all details of preparation and precaution of work in lab 4- understanding of all expected solution to problem s which appear at work
Professional Skills	* Providing student by all professional skill about formulation and preparation skill of semisolid and liquid dosage forms and skills of work in this lab which includes precautions of dealin with hot plate , water bath, mixers , mortars and pestles,

Course Contents

- 1 - includes methods of preparation of liquid dosage forms e.g emulsion and suspension, its physical and pharmaceutical problems
- 2 - methods of preparation of semisolid preparations and limitation during preparation practically
- 3 - small scale formulation of suppositries and its practical precaution during work

Teaching and Learning Methods

- 1 - manual notes
- 2 - labratory sections
- 3 - weekly reports
- 4 - training questions and its solutions in section
- 5 - training on reading of many different prescription

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
quizes		30 marks
reports		20 marks
attendance		20 marks
final practical exam		30 mark

Books and References

Course note	Manual labprepared by department of pharmaceutics and pharmaceutical technology
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