

Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy	QF02/0408–2.10E
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Department	Pharmacy
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Course Name	Physiology lab	Course No.	٢٠١٢٣٤
Prerequisite	Biology	Credit Hours	١
Number & date of course plan approval		Brief Description	See form QF02/0409

Course Objectives	<p>a</p> <ol style="list-style-type: none"> 1-Help the student better understand topics covered in lecture 2-Introduce students to physiology-related skills and techniques used in both research and clinical settings. 3-Enable students to develop their critical reasoning skills 4-Relate concepts in anatomy and physiology to careers in allied health and 5-Provide perspective on the professional activities of science practitioners
Intended Learning Outcomes	<ol style="list-style-type: none"> 1-to study different prevalent theories for body function 2-to study the mechanisms of communication between body system and <p>The importance of these mechanisms in maintaining homeostasis and correct functioning of other body system</p>
Course Topics	<ol style="list-style-type: none"> 1- Blood physiology 2- Regulation of blood glucose 3- Reproductive physiology 4- Urinary system/renal physiology 5- Sensory physiology 6- Smooth muscle motility 7- Reflex function 8- Respiratory system function <p>Cardiovascular system function</p>
Text Books	<ol style="list-style-type: none"> 1- Experiments in physiology 10th edition, tharp G.D. and woodman D.A.(2011) pearson education,inc. 2- Human physiology:concepts and clinical applications,14th edition, Stuart I. Fox. (2011) McGraw Hill.

References	1-human physiology, 12 th Edition, Stuart I. Fox. (2011) McGraw Hill.			
Grade Determination	1 st Exam = 25% 2 nd Exam = 25% Final Exam = 50%	Practical Course Grade Determination	Course Work = 50% (Reports, Term Papers, Quizes) Final Exam = 50%	
Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	3	Blood physiology I:Erythrocyte function	19	
2	3	Blood physiology II:leukocytes, Hemostasis	20	
3	3	Regulation of blood glucose	12	
4	3	Reproductive physiology	9	
5	3	Renal physiology	3	
6	3	Sensory physiology I:Hearing	7	
7	3	Sensory physiology II:Vision	8	
8	3	Smooth muscle motility (not given) pharmacology lab	11	
9	3	Reflex Function	6	
10	3	Respiratory system function	18	
11	3	Human Cardiovascular system function Blood pressure measurement and Electrocardiogram	17	
12	3	Seminar		

Approved by Dept. Chair

Date of Approval

Extra Information: (Updated every semester and filled by course instructor)

Course Instructor	Msc.Samar bishtawi
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