



Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy

QF02/0408–1.0

Department	Pharmacy
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Course Name	Human physiology lab.	Course No.	201234
Prerequisite	105152	Credit Hours	1
Number & date of course plan approval	2013	Brief Description	See form QF02/0409

Intended Learning Outcomes	<ol style="list-style-type: none"> To study different prevalent theories for body function. To study the mechanisms of communication between body systems and the importance of these mechanisms in maintaining homeostasis and correct functioning of other body systems. 		
Course Topics	<ol style="list-style-type: none"> Properties of plasma. Blood. Pregnancy test. Nervous system Glucose tolerance test. Urinary system Sensory system. Cardiovascular system. Respiratory system. Digestive system. 		
Text Books	Experimental in physiology, G.Tharp		
References	Human physiology, 9th edition by Stuart Fox		
Grade Determination	<input type="checkbox"/> 1 st Exam = 25% <input type="checkbox"/> 2 nd Exam = 25% <input type="checkbox"/> Final Exam = 50%	<input type="checkbox"/> Practical Course Grade Determination	<input type="checkbox"/> Course Work = 50% (Reports, Term Papers, Quizzes) <input type="checkbox"/> Final Exam = 50%



Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	3	Introduction		
2	3	Properties of plasma		
3	3	RBC count, bleeding time, clotting time, ESR.		
4	3	WBC count, WBC differential, Hemoglobin test.		
5	3	Glucose tolerance test and Pregnancy test.		
6	3	Brain Lateralization and reflexes		
7	3	Respiratory system		
8	3	Urinary system.		
9	3	Sensory system-the eye.		
10	3	Sensory system-the ear.		
11	3	ECG and blood pressure measurement.		
12	3	Seminar		
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16				

Approved by Dept. Chair		Date of Approval	
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Extra Information: (Updated every semester and filled by course instructor)

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