



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

QF02/0408–1.0

Department	Pharmacy
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<b>Course Name</b>	<b>Pathophysiology lab.</b>	<b>Course No.</b>	<b>0201334</b>
Prerequisite	Physiology 1	Credit Hours	1
Number & date of course plan approval		Brief Description	See form QF02/0409

<b>Intended Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Understand basic tissue reaction to different type of injury.</li> <li>2. Know the etiology of the bellow mentioned diseases.</li> <li>3. Know the pathogenesis (how) of the below mentioned diseases.</li> <li>4. Describe the morphologic effect produced by the below mentioned disease.</li> <li>5. Describe the effect of the below mentioned disease on the function of organs.</li> <li>6. Know the outcome and possible complications of the below mentioned disease</li> </ol>		
<b>Course Topics</b>	<ol style="list-style-type: none"> <li>1. Introduction.</li> <li>2. Cell injury, Cell death and adaptation.</li> <li>3. Acute and chronic inflammation.</li> <li>4. Disturbance of homeostasis.</li> <li>5. The gastrointestinal Tract.</li> <li>6. Blood.</li> <li>7. The lung.</li> <li>8. The heart.</li> </ol>		
<b>Text Books</b>	Pathophysiology CM porth; second edition.		
<b>References</b>	Essentials Pathophysiology for pharmacy, M.Zdanowicz; CRC press book		
<b>Grade Determination</b>	<input type="checkbox"/> 1 <sup>st</sup> Exam = 25% <input type="checkbox"/> 2 <sup>nd</sup> Exam = 25% <input type="checkbox"/> Final Exam = 50%	<input type="checkbox"/> Practical Course Grade Determination	<input type="checkbox"/> Course Work = 50% (Reports, Term Papers, Quizes) <input type="checkbox"/> Seminar= 20% <input type="checkbox"/> Final Exam = 30%



Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	3	Introduction.		
2	3	Cell injury, Cell Adaptation and death.		
3	3	Acute and Chronic Inflammation.		
4	3	Hemostasis and Thrombosis		
5	3	RBCs_Abnormal_morphology		
6	3	WBC_Morphology_and_Cases		
7	3	Cancer		
8	3	Diseases of the Kidney		
9	3	Diseases of the Pancreas		
10	3	Seminar		
11	3	Seminar		
12	3	Seminar		
13				
14				
15				
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Approved by Dept. Chair		Date of Approval	
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**Extra Information:** (Updated every semester and filled by course instructor)

<b>Course Instructor</b>	Alaa Hammad
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