


Sub.	Course Description – توصيف مقرر دراسي	الموضوع	 كلية المعرفة ALMAAREFA COLLEGE
Date		التاريخ	

Course Code & No	path 201	مرض ٢٠١	رقم المقرر ورمزه
Course Name	Pathophysiology (PATH 201)	علم امراض وظائف الأعضاء	اسم المقرر
Credit Hours	3 (3 + 0 + 0)	(3 + 0 + 0)٣	عدد الساعات المعتمدة
Pre-requisite	ANAT 201 Anatomy -micro 201 microbiology	ميك ٢٠١-فسل ٢٠١	المتطلب السابق

General Description	توصيف عام
<p>The course focuses on basic mechanisms underlying illness and disease as a basis for understanding pathophysiological changes that occur within the internal environment of individual, in the presence of dysfunction or disease. The most common alterations in selected body systems are presented and clarified with relevant risk factors and epidemiology, pathophysiologic mechanisms and clinical manifestations.</p>	

Course Objectives	أهداف المقرر
<p>By the end of the course, each student should be able to :</p> <ol style="list-style-type: none"> 1. Relate normal body functioning to physiological changes that occur as a result of illness. 2. Apply physiological and biochemical mechanisms to explain alterations in body function and system failure. 3. Evaluate physiologic responses to actual and potential health problem. 4. Examine issues related to disease processes, diagnoses and treatment of common health problems. 5. Understand the pathophysiological rationale for selected care interventions. 	

Course Outlines	مفردات المقرر
<ol style="list-style-type: none"> I. Concepts of Pathophysiology, Cellular biology, and Alterations in Body Defenses II. Fluids and electrolytes. acids and bases III. Hematologic System IV. Renal and Urologic System V. IV. Endocrine System VI. Cardiovascular System VII. Digestive System VIII. Pulmonary System IX. Neurological System X. Musculoskeletal System 	

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References	المراجع
<p>Primary: Sue E.Huether ,Kathryn L. McCance,2012,Understanding pathophysiology ,5th edition ,Elsevier Mosby.</p> <p>Optional: Porth, C. (2000) Pathophysiology: Concepts of Altered Health Status. 6th ed. J.B. Lippincott Comp. Pennsylvania.</p>	