

Faculty

Program of **A**nesthesia **T**echnician

Faculty of Medical Applied Science

Course Specification of Pathology

Course Code. (05 01 826)

2024

II. Course Description:

The course covers study the A etiology, Mechanism of cell injury; Disturbances of circulation, growth and metabolism; Degenerations, necrosis and gangrene; Inflammation, healing and repair; Hypersensitivity reactions; Neoplasia.

III. Course Content:



A – Theoretical Aspect:					
Order	Units/Topics List	Subtopics List	Number of Weeks	contact hours	Learning Outcomes (CILOs)
1	Introduction of pathology: -Pathology -Pathogenesis -Etiology - Clinical significance of diseases: Signs & Symptoms -Morphologic changes - Fate of diseases (Complication &Prognosis)	Definitions Structure	1	2	a1, a2.d1
2	Inflammation: -Acute inflammation -Chronic inflammation (granulomas)	- Definitions - Shape - Arrangements - Diagnosis Differential diagnosis	1	2	a1, a3.d2
3	Healing and Repair: -Types of healing -Mechanism of healing by fibrosis and Granulation tissue -Types of wound Healing -Complication of wound healing	pathogenicity - Diagnosis. Interpretation	1	2	a2, a3.b1
4	Cell injury (reversible and irreversible): -Adaptation -Degeneration - Necrosis and Apoptosis	- Definitions - Shape - Arrangements	1	2	a1, b2
5	- Circulatory Disturbance: -Hyperemia, Congestion and ischemia -Thrombosis & Embolism - Hemorrhage & Edema		1	2	b1, b3
6	Neoplasia (benign and malignant tumors): -Benign tumors - Malignant tumors		2	4	a1, d1
7	Med term		1	2	
8	Diseases of female reproductive system		1	2	a1, a3, b3
9	Diseases of the breast		1	2	b1
10	Diseases of urinary tract		1	2	b1, b3, d1



11	Diseases of gastrointestinal tract Diseases of respiratory tract		2	4	b1, b3, d1
12	Final exam		1	2	
	Number of Weeks /and Units Per Semester		14	28	