

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pathology(1) (0603107)
Course number	MEDI3544
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	5
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Pathology is the branch of medicine that deals with the causes and mechanisms of human Diseases, therefore it is one main foundations of medicine, and it serves to bridge Basic medical disciplines with clinical sciences, Pathology as a whole is usually divided Into two parts: general Pathology and systemic Pathology. This Course is offered for third year students to cover the principles of general pathology and systemic pathology. The general pathology deals with disease processes in general & studies the basic Molecular, cellular & tissue reactions to various injurious agents. The systemic pathology deals with diseases of the different system. Weekly teaching activities include lectures, computer based laboratory sessions & interactive discussions.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Understand the concept of reversible and irreversible cell injury * Describe the morphological changes in reversible and irreversible injuries * Define hyperplasia, hypertrophy, atrophy, netapasia and list causes with example * Define necrosis, autolysis, heterolysis and apoptosis * Describe the events that occur during acute inflammation * Describe the morphology of granulomatous inflammation * Describe the morphology of an ulcer * Understand function, structure and components of the extracellular matrix
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Course Contents

<ol style="list-style-type: none"> 1 - Cell injury and adaptati 2 - Inflammation 3 - Tissue repair 4 - Hemodynamic disorder 5 - Neoplasia
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid term 1	1 hr	20
Mid term 2	1 hr	20
Participation		10
Final exam	2 hr	50

Books and References

Course note	1- Robbins Basic Pathology. By Kumar, Abass ,Fausto & Mitchell , 9th edition 2- Kaplan USMLE 3- Pathology secrets, 3rd edition 4- Warpath, Florida State college of Medicine 5- Handout prepared by individual lectures.
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