

## Faculty of Oral & Dental Medicine

### General Pathology

#### Information :

**Course Code :** SGS 372

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Oral & Dental Medicine

#### Instructor Information :

Title	Name	Office hours
Professor	Essam Ezzat Ayad Ibrahim Dos	25
Lecturer	Eman Khaled Mahmoud Abdelsalam	

#### Area Of Study :

“To familiarize students with the basic disease patterns and their underlying. Mechanisms within the specific organ system as step to preparing the student for his future work as a dentist.  
“To promote life long competencies necessary for continuous professional development

#### Description :

Cell injury and metabolic disturbances, Irreversible cell necrosis, Inflammation, introduction disease etiology, repair (healing & regeneration), and circulatory disturbances.

#### Course outcomes :

##### **a. Knowledge and Understanding: :**

1 -	Define and discuss the main disease categories that may affect the body
2 -	Describe the morphologic ( gross & microscopic ) changes occurring as a
3 -	Determine the fate & complications of each particular disease and outline

##### **b. Intellectual Skills: :**

1 -	Predict the signs and symptoms of a disease based on the underlying gross
2 -	Interpreting in a professional manner an oral pathology report.

##### **c. Professional and Practical Skills: :**

1 -	Describe the pathologic picture of a disorder based on gross or
2 -	Choosing the most appropriate cost effective pathologic diagnostic
3 -	Selecting the necessary techniques for sample reception & processing

##### **d. General and Transferable Skills: :**

1 -	Express themselves freely and adequately by improving their descriptive
2 -	Respond appropriately according to the seriousness of the pathologic
3 -	Maintain a professional image in manner, dress, speech and interpersonal

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Pathology and its related disciplines	4	Pathology and its related disciplines	
Technical Pointers on sample handling,	4	Technical Pointers on sample handling,	
sending,processing	4	sending,processing	
reporting as well as quality	4	reporting as well as quality	
control of surgical biopsy material	4	control of surgical biopsy material	
Cell injury	4	Cell injury	
Cell, accumulations & depositions	4	Cell, accumulations & depositions	
Inflammation	4	Inflammation	
repair	4	repair	
Immune response	4	Immune response	
nonspecific infections	4	nonspecific infections	
Specific infections-granuloma	4	Specific infections-granuloma	
Fluid & hemodynamic disturbances	4	Fluid & hemodynamic disturbances	

**Teaching And Learning Methodologies :**

General Lectures

Tutorials

seminars

small group discussions

role playing

case studies

Practical sessions

Histopathology slide lab

Museum of pathology

#### **Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Final Written Examination	25.00		knowledge and understanding.
Mid Term Examination	30.00		assess knowledge and understanding
Mid Term Practical Examination	20.00		assess descriptive & diagnostic abilities and theory application
Oral Examination	10.00		
Practical Examination	15.00		descriptive & diagnostic abilities and theory

#### **Course Notes :**

- Department Book available at faculty bookshops & in the department:  
Principles of general & special pathology parts 1 & 2  
Gross pathology and Histopathology G. Nada et al.
- Multiple sets of slides to be used during the histopathology sections

#### **Recommended books :**

- Principles of general & special pathology parts 1 & 2  
Gross pathology and Histopathology G. Nada et al
- Basic Pathology by Kumar, Cotran & Robbins
- systemic pathology J.C.E underwood 3rd edition livingstone

#### **Periodicals :**

Recommended Books

#### **Web Sites :**

- <http://www.pathmax.com/>
- <http://www-medlib.med.utah.edu/WebPath/LABS/LABMENU.html#2>
- <http://www.med.uiuc.edu/PathAtlasf/titlePage.html>
- <http://www.medscape.com/pathologyhome>
- <http://www.gwumc.edu/dept/path/2F.HTM>