



Course Specification

General Surgical Pathology

Faculty of Medicine–Mansoura University

(A) Administrative information

(1) Programme offering the course.	Orthopediac and traumatology master degree
(2) Department offering the programme.	Orthopediac and traumatology
(3) Department responsible for teaching the course.	Pathology Department
(4) Part of the programme.	First part
(5) Date of approval by the Department`s council.	11.5.2016
(6) Date of last approval of programme specification by Faculty council.	9/8/2016
(7) Course title.	General Surgical Pathology
(8) Course code.	OSUR 505
(9) Total teaching hours.	7.5 HOURS
(10) Credit hours	1/2 hour

(B) Professional information

(1) Programme Aims:

The broad aims of the course are as follows.

1- Teaching the candidate the general basic pathological processes, pathogenesis, and molecular basis of diseases.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding

A1: Identify the general pathological features of inflammation, tissue repair, cell injury and cell death

A2: Recognize different forms of circulatory disturbances and their underlying pathogenesis

A3: Recognize types of immune cells, types, pathogenesis and examples of different types of hypersensitivity reactions and autoimmunity

A4: Identify types, pathogenesis and clinical features of different genetic disorders and enlist methods of diagnosis of genetic disorders

A5: Identify different aspects of infections as toxæmia, bacteraemia, septicaemia and pyaemia.

A6 Describe different patterns of cellular adaptation as atrophy, hypertrophy, metaplasia and dysplasia and recognize the growth disturbances as hamartomas and differentiate between benign and malignant tumors.

A7: Identify steps of carcinogenesis with explanation of the underlying disturbances in proto-oncogenes, tumor suppressor genes and DNA repair genes.

A8 Identify altered structure and function of the body and its major systems that are seen in various diseases; definition, etiology, pathogenesis, prognosis, fate & complications of such diseases.

B- Intellectual skills

B1. Interpret data of surgical specimens.

B2. Analyze various gross and microscopic pathologic data resulting from the disease process.

B3. Interpret findings of pathological specimens effectively

B4. Enlist the differential diagnosis of various gross and microscopic pathologic features to reach proper evidence based diagnosis.

B5. Relate the clinical data, investigational data and patient history to reach proper pathologic diagnosis with proper time managing.

B6. Analyze different problems of misdiagnosis.

B7. Discuss case problematic cases with senior staffs and supervisors to improve professional performance.

B8. Construct a research design and choose proper research methodology.

B9. Participate in identifying system errors and implementing potential systems solutions.

(3) Course content

Subject	Teaching hours
<u>Introduction</u>	1.5
<u>Disorders of growth</u>	3
<u>Diseases of the joints</u>	3

(4) Teaching methods:

Lectures

(5) assessment methods:

: **5.1: Written Exam to assess knowledge**

5.2: Oral Exam to assess knowledge

Assessment schedule:

Assessment 1. Written Exams Short essay after 6 months from the date of registration to the degree

Assessment2: Oral Exams after 6 months from the date of registration to the degree

Assessment 3: MCQ continuous assessment exam at the end of the semester

Percentage of each Assessment to the total mark:

Written exam: 60 %

Oral exam: 40 %

Assessment 3: MCQ 20% of the written exam

Written	MCQ	Oral	Total
72	18	60	150

Other assessment without marks:

Assessment of attendance & absenteeism throughout the course

Course coordinator:

Dr.Khalid Nour

Head of the department:

Prof dr. Hani Elmowafi

Date: