



COURSE SPECIFICATION

(Applied Pathology)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Master degree of Medical Oncology
(2) Department offering the programme.	Internal Medicine Department
(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	2/08/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Applied Pathology
(8) Course code.	MONC 505
(9) Total teaching hours.	15 hours/15 weeks

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows.

To provide the candidate with the opportunity for basic study of various aspects of pathology of cancer, to provide a stimulating and challenging learning environment where teaching is informed and enhanced by research, and to provide training in scientific principles and experience in the evaluation and

(2) Intended Learning Outcomes (ILOs).

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to.

A- Knowledge and Understanding

- A1. Identify the basic facts, concepts, theories and define terms in the field of pathology.
- A2. Discuss the main disease categories that may affect the body (general pathology) as well as the basic mechanisms underlying these disorders (Etiology, pathogenesis & natural history).
- A3. Review of the basis of molecular pathology and its contributions in various disease processes.
- A4. Describe the morphologic (gross & microscopic) changes occurring because of such disease processes in various organ systems.
- A5. Define the fate & complications of each particular disease and outline the general management procedures.

B- Intellectual skills

- B1. Categorize and compose a pathology report.
- B2. Correlate the pathological finding with clinical, laboratory and x-rays findings to reach the most accurate diagnosis and effective management of the disease.
- B3. Choose the most appropriate and cost effective further pathologic diagnostic procedures if necessary.
- B4. Formulate a question, search the literature, collect, analyze, critically appraise and utilize the obtained information to solve a particular clinical problem according to the principles of evidence-based medicine.

(3) Course contents:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
(1) General pathology of cancer					
Immunohistochemistry	2h				2h
Tumor-Neoplasia-New Growth	3h				3h
(2) Special pathology					
• Disease of lymphoid tissue and leukemia	5h				5h
• Breast cancer	3h				3h
• Lung cancer	2h				2h

(4) Teaching methods:

1. Modified lectures: which start by listing the objectives and are given in either; white board, electronic, slide projector or overhead projector presentation.
2. Small group discussions and case studies to provide clinical correlation and integration.
3. Self-directed learning.
4. Problem Solving.

(5) Assessment methods:

- 5.1. **Written exam for assessment of A1-5, B1-4** (knowledge, Intellectual skills)
- 5.2. **Oral exam for assessment of A1-5, B1-4** (knowledge, Intellectual skills):
- 5.3. **MCQ for assessment of A1-5, B1-4** (knowledge, Intellectual skills)

Assessment schedule:

Assessment Final (Written) Week 24th week

Assessment (oral) Week 24th Week

Percentage of each Assessment to the total mark.

Written exam: 72 marks

Oral exam: 60 marks

MCQ exam: 18 marks

Pathology exam represent 16.7 % of total marks of the first part.

(5) References of the course.

1. Hand books: General pathology for medical students, Pathology department. Faculty of medicine, Mansoura University.
2. Text book: -Robbins text book of Pathology
 - Ackerman's surgical pathology
 - Sternberg surgical pathology and soft tissue tumors

(6) Facilities and resources mandatory for course completion.

1. Lecture halls.
2. Data show.

Course coordinator:

Prof. Sameh Shamaa

Prof. Tawfik Elkhodary

Dr. Ziad Emarah

Head of the department:

Prof. Salah El-Gamal

Date of First Approval: 22/12/2010

Date of Last Approval: 23/08/2016

