



COURSE SPECIFICATION

(Forensic Radiology)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate MSc and MD degree of Forensic Medicine & Clinical Toxicology
(2) Department offering the programme:	Forensic Medicine & Clinical Toxicology department
(3) Department responsible for teaching the course:	Forensic Medicine & Clinical Toxicology department & Radiology department
(4) Part of the programme:	Second part MSc: semester IV MD: semester VI
(5) Date of approval by the Department's council	25/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Forensic Radiology
(8) Course code:	FNST 519 FR
(9) credit hours	1 hour
(10) Total teaching hours:	15 hours/15 week

(B) Professional information

(1) The broad Course Aims:

By the end of the course the candidate should be able to:

1- Acquire the basic knowledge and clinical applications of forensic radiology.

(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: Discuss basics and applications of forensic radiology.

B- Intellectual skills

B1: Analyze case scenario of forensic medicine and recognize their medico-legal aspects.
B2: Interpret different radiological investigation results to identify the cause and manner of death as well as the type and cause of injury.

(3) Course content:

Subjects	Hours
Perspective, scope, definitions of forensic radiology	2
Identification of the dead	2
Radiological identification: - Anthropological parameters - Modern cross-sectional imaging	1

Radiological application in forensic odontology	1
Radiology in mass causality situations	1
Forensic radiology in different injuries (accidental & non- accidental)	2
Domestic violence: - Child abuse - Abuse of partners & elderly Torture and terrorism	1
Radiology in non-violent crimes: - Smuggling & Body Packing - Larceny - Fakes & Forgery	2
Virtual imaging	1
Pitfalls in forensic radiology	1
Total Teaching Hours	15

(4) Teaching methods:

4.1: Lectures.

4.2: Case presentations

(5) Assessment methods:

5.1: Written and structured oral exams for assessment of A1, B1- 2 .

(6)Assessment schedule:

Assessment exam would be held after the end of the semester for both MSc and MD degree.

(7)Percentage of each Assessment to the total mark:

Written exam: 75 marks (75%)

MCQ exam: 15 marks for continuous assessment (20%)

Structure oral exam: 25 marks (25%)

(8)References of the course:

6.1: Text books:

Forensic radiology, Brogdon, B.G. (Byron Gilliam) 1998 by CRC Press LLC

6.2: Journals:

6.3: Websites:

(9)Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

- Candidates logbook
- Programme Specification
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MSc/MD Dissertation Supervisor

Course coordinator:

Ass. Prof. Dr. Rania Hamed Abd Elrahman
Dr. Hend Abo El-Atta

Head of the department: Prof. Dr. Sahar Abdelazeez El Dakroory

Date: