



## 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 619 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:**

<b>Subjects</b>	<b>Hours</b>
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
<b>Total Teaching Hours</b>	<b>15</b>

**(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:**