



COURSE SPECIFICATION

(Forensic Medicine, Medicolegal Responsibilities)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate Master degree of Forensic Medicine and Clinical Toxicology/ FNST 500
(2) Department offering the programme:	Forensic Medicine & Clinical Toxicology Department
(3) Department responsible for teaching the course:	Forensic Medicine & Clinical Toxicology Department.
(4) Part of the programme:	Semester II, III,IV
(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 Medicine, Medicolegal Responsibilities
(8) Course code:	FNST 519 FM
(9) Total credit hours	6.5 hours (4h lectures & 2.5 practical)
(10) Total teaching hours:	135 Hours (60 h lectures and 75 h practical)

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

To provide the candidate with knowledge, skills, and attitudes related to forensic science, performing medicolegal examination and interpreting findings in living and dead bodies and how to integrate and analyze these data and report them in the proper medicolegal form.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding:

- A1** : Define death, describe its types, how to diagnose and describe different postmortem changes in normal and special conditions.
- A2** : Recognize causes of sudden natural death and discuss how to diagnose
- A3** : Describe different and recent parameters for identification of collection of bone, living person and dead body.
- A4** : Discuss medicolegal aspects of organ transplantation
- A5** : Enumerate different types of blood stains, describe how to detect, how to collect from crime scene and its medicolegal aspects
- A6** : Discuss medicolegal aspects of violent asphyxia
- A7** : Describe the role of forensic scientist in mass disaster, and how to investigate in these events
- A8** : Enumerate different types of sexual offences, how to investigate and its medicolegal aspects
- A9** : Describe medicolegal aspects of pregnancy, delivery and abortion
- A10** : Discuss medicolegal aspects of euthanasia
- A11** : Describe techniques of medicolegal autopsy
- A12** : Enumerate causes of negative autopsy and discuss how to diagnose it
- A13** : Enumerate different artifacts that could be detected during autopsy and discuss how to detect them
- A14** : Enumerate different postmortem chemical changes in body tissues and fluids and discuss the significance of these changes in detection of postmortem interval.
- A15** : Discuss medical ethics and different types and causes of malpractices

B- Intellectual skills:

- B1**: Integrate findings from history, medico legal examination of the living body or dead person and crime scene findings to identify the cause and manner of death as well as the type and cause of injury.
- B2**: Determine basic ethical dilemmas and suggest the proper solutions of different problems of malpractice.

B- Practical/professional skills:

- C1. Perform medico-legal autopsy and recognize different signs in it for its identification, detection postmortem interval, possible cause of death and its manner.
- C2. Perform medico legal examination of living person, dead body or collection of bone.
- C3. Write and criticize medico legal report
- C4. Collect proper specimen for medico legal cases

D-Communication & Transferable skills

- D1: Demonstrate compassion, integrity, and respect for all human rights and treat all cases equally regardless to their beliefs, culture and behavior.
- D2: Use recent information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).
- D3: Communicate efficiently with other health professional, evaluate their report and criticize it in the court in professional manner
- : Adopt principles of the lifelong learning needs.
- D5. Perform self assessment for proper management of cases and evaluate the performance of others

(3) Course contents:

a) Lectures:

Title	Hours
Death & PM Changes	7
Sudden natural death	2
Medicolegal autopsy	3
Negative autopsy	3
ML aspects of organ transplantation	4
PM chemistry	5
Euthanasia	2
Identification	8
Blood stains	3
Violent asphyxia	7
Mass Disasters	5
Sexual Offences	4
Medico-legal aspects of pregnancy, delivery and abortion	2
Medical ethics, malpractice, and ethics of research	5
Total	60

b) Practical:

Title	Hours
Death & PM Changes	12
Sudden natural death	5
Identification	15
Violent asphyxia	10
Sexual Offences	8
ML aspects of pregnancy, delivery and abortion	6
Medico-legal autopsy	7
Negative autopsy	6
Medical ethics, malpractice, and ethics of research	6
Total	75

c) Teaching methods:

4.1: Lectures.

4.2: Essay preparation.

4.3: Practical (museum specimens)

4.4: Case scenarios.

4.5: Review of medicolegal reports.

4.6: Mortuary attendance.

d) Assessment methods:

5.1: Written exam & MCQ for assessment of A1-A15, B1-B2.

5.2: Objective structured practical exam (case report/specimen demonstration) for assessment of B1-B2, C1-C4, D1-D5.

5.3: Structured oral exam for assessment of B1-B2, C1-C4, D1-D5.

Assessment schedule:

Final exam at 36 month from admission to Master degree with total of 300 marks

Percentage of each Assessment to the total mark:

Written exam & MCQ: 150 marks represent 50%

Structured oral: 75 marks represent 25%

Objective structured practical exam (case report/specimen demonstration):
75 marks represent 25%

Other assessment without marks: Logbook activities.

e) References of the course:

Text books:

- **Forensic Science-The Basics, JayA.Siegel**
- **The essentials of Forensic Medicine and Toxicology, Dr. K. S. Narayan Reddy.**
- **Forensic Pathology, knight.**

f) Facilities and resources mandatory for course completion:

Lecture halls and data show.

Rotation in Forensic Institute of Medicolegal Examination.

**Course coordinator: Prof. Dr. Sahar Abdelaziz El Dakroory
Prof. Dr. Amal Abd El- Salam Al Bakary
Dr. Manar Adel Helmy**

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

Date: