



Quality Assurance Unit



Tanta University
Faculty of Medicine

Department of Forensic Medicine and Clinical Toxicology

Course Specifications

**Forensic medicine for Forensic
medicine Clinical toxicology**

Master Degree

FMCT 8007

2016-2017

Forensic medicine for Forensic medicine Clinical toxicology Master Degree Course Specifications
University: Tanta Faculty: Medicine Department: Forensic Medicine and Clinical Toxicology

1) Administrative Information

1- Course Title: Forensic medicine for Forensic medicine Clinical toxicology Master Degree.

2-Department offering the program: forensic Medicine and Clinical Toxicology Department.

3-Department responsible for the course: forensic Medicine and Clinical Toxicology Department.

4- Course coordinator: Prof. Dr. Eman moustafa. Professor of Forensic Medicine and Clinical Toxicology, Faculty of medicine, Tanta University

5-Course code: FMCT 8007.

6- Level: second part.

7- No. of Credit / taught hours:

Lectures: 4/60

Practical & clinical: 3/90

Total: 7/150

8-Authorization date of course specification: 5/1/2016.

2) Professional Information

1 - Overall Course aims

To Provide basic background of different medico-legal aspects of living and dead individuals and remains or parts of dead bodies, Provide basic knowledge of medical ethics and malpractice and Provide ability to deal with samples either at scene of crime or toxicology samples.

2 - Intended learning outcomes (ILOs):

a-Knowledge and understanding:

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

- a.1- Recognize medicolegal (ML) aspects and recent advances in diagnosis of sexual offences and child abuse.
- a.2- Explain maternal morbidity and mortality from ML point of view.
- a.3- Recognize various medicolegal aspects of malpractice.
- a.4- Demonstrate basics of medical ethics.
- a.5- Explain different types of physical injuries.

b- Intellectual skills

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

- b.1- Recognize various ethical dilemmas and suggest a proper solution.
- b.2- Analyze case scenario of clinical forensic medicine and recognize their medico-legal aspects.
- b.3- Analyze different problems of malpractice in accordance to Egyptian legislation and law and role of physicians and/or surgeons to save the rights of the patients assaulted.

c- Professional & practical skills

- c.1- analyze different causes, mechanisms and manners of death.
- c.2- Examine different wounds and injuries and write a proper primary wound report.

d- General transferable skills

- d.1- apply the legal aspects and moral commitments of medical practice
- d.2- solve problems with cases (live or dead) in careful and respectful manner, according to medical ethics.
- d.3- communicate with his staff and colleagues to be one of a teamwork

3) Course contents:

Topic	No. of credit hours for lectures	Practical Hours
1- Identification [identification of living individual, dead bodies, human remains & skeletal remains; identification in mass disaster; ages of medicolegal importance; forensic dentistry; recent techniques in identification, identity testing]	1/15	0.5/15
2- Specific medicolegal problems <ul style="list-style-type: none"> - [physical injuries (burns, scalds, electrical injuries, radiation injuries, heat diseases, hypothermia, barotraumas) - [asphyxial deaths (types, postmortem picture, mechanisms of death) 	1/15	0.5/15
3- Violation of human rights <ul style="list-style-type: none"> - Child abuse (types, etiology, injuries, neglect, starvation, sequelae); - Domestic violence; - Torture & death in custody 	0.75/11.25	0.5/15

4- Maternal problems (pregnancy, delivery, abortion); infanticide		
5- Sexual offences (types in adults & children, medico legal investigations);		
6-Death, postmortem interval [causes, mechanisms, diagnosis & manner of death; postmortem interval; sudden death; brain death; sudden infant death syndrome]	0.5/7.5	0.5/15
7- Medical ethics [ethical responsibilities of physicians, ethics of organ transplantation, euthanasia, disclosure of patients' information, consent, confidentiality, medical records & death certificates, malpractice in different specialties, ethics of medical research], quality assurance principles in forensic medicine practice	0.25/3.75	0.5/15
8- Forensic toxicology [drug abuse & drug deaths; forensic aspects of alcohols, carbon monoxide poisoning, corrosives & metallic poisoning; collection of tissue for analysis & chain of custody]	0.25/3.75	0.5/15
9- Medicolegal autopsy and reporting	0.25/3.75	-----
<u>Total credit/actual hours</u>	<u>4/60</u>	<u>3/90</u>

4) Teaching and learning methods

- 4.1 Lectures. (a1, a2, b1,b2,c1-c4)
- 4.2 Small group discussions (using role play, models, demonstrations (slides and photographs- Museum specimens and Video films, case study). (b1,b2,c4,d3).
- 4.3 Practical training in the mortuary of Medicolegal administration, Ministry of justice. (c1- c6,d1-d3)
- 4.4 Problem based learning. (a1,a2,b1,b2,c1-c4,d1,d2).
- 4.5 Self learning. (a1,a2,b1,b2.c1-c6)
- 4.6 Seminars. (a1,a2,b1,b2,c1-c4,d2,d3).

5) Student Assessment:

At the end of each semester:

1. Log book: at least 75% of attendance.
2. End of semester exam: at least C⁻ is required.
3. It is a part of the final exam.

At the end of the first part:

1. Written exam to assess (a1, b1-b2)
2. Practical & clinical exam to assess(c1-c2)
3. Oral exams to assess (b1-b3)
4. Log book activity assignment to assess (d1-d3)

6) Weighing of assessments in the final exam:

Written examination	330
Clinical examination:	70
Practical examination:	50
Oral examination:	60
Semester work	Formative only
Total	510

7) List of references

8) 8.1 Course notes

- Forensic medicine and clinical toxicology (Department books)
- Museum atlas. - Practical book.
- MCQ Questions and answers and problem solving notes.

8.2 Text books

- Forensic medicine encyclopedia.
- Forensic pathology of De Mayo - Forensic pathology of B. Knight.
- forensic pathology principles and practice.
- Parikh's text book of jurisprudence and toxicology.
- forensic entomology.
- forensicodontology.
- الطب الشرعي و التحقيق الجنائي و الادلة الجنائية-

Recommended books Department books.

Periodicals and web sites

www.forensicmed.co.uk/.

www.medlib.med.utah.edu/webpath/.

www.dundee.ac.uk/facmedden/bmsc

<http://www.fsijournal.org/>

<http://eifs.js.iknito.com/>

9) Other resources/ facilities required for teaching and learning to achieve the above ILOs

Course Specifications: Forensic medicine Master degree, 2016-2017

- 1-Availability of models for training on life support measures in poisoning.
- 2-extension of poison control center in emergency hospital to ensure good clinical training of toxicology.
- 3- Additional: Data show, Computers and lecture rooms.

10) we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

We verify that the above course and the analysis of students and external evaluator opinions are accurate.

Course coordinator

Name.....signature.....Date.....

Head of department

Name.....signature.....Date.....

Head of quality assurance unit:

name.....signature.....Date.....