



Quality Assurance Unit



Tanta University  
Faculty of Medicine

**Department of Forensic Medicine and Clinical Toxicology**

**Course Specifications**

**Forensic Medicine for Forensic  
Medicine and Clinical  
Toxicology Doctorate degree  
FMCT 9001**

**2014-2015**

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Clinical Toxicology doctorate degree., 2014-2015***

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Forensic Medicine Forensic Medicine for Forensic Medicine and Clinical Toxicology doctorate degree. Course Specifications

University: T anta Faculty: Medicine Department: Forensic Medicine and Clinical Toxicology

## **1) administrative Information**

**1- course title: Forensic Medicine and Clinical Toxicology**

**2- Department offering the program: Forensic Medicine for Forensic Medicine and Clinical Toxicology doctorate degree.**

**3- Department responsible for the course: Forensic Medicine and Clinical Toxicology**

**4- Course code: FMCT 9001**

**5- Level: second part**

**6- No. of Credit / taught hours:**

<b>Lectures:</b>	<b>Practical:</b>	<b>Total:</b>
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**7-Authorization date of course specification:**

## **2) Professional Information**

### **1 – Overall Course aims:**

To offer advanced knowledge and skills in the field of forensic medicine, which allow the student to gain positive attitude towards its development through adding new to scientific research, teaching junior students, and introduce a high quality professional medical services to the community, reflecting the mission of our faculty and spirit of our department.

### **2 – Intended learning outcomes (ILOs):**

#### **a-Knowledge and understanding:**

*By the end of the course the candidate will be able to:*

a.1- Discuss the theories and principles, and updates about different medico-legal aspects of living and dead individuals regarding personal identification, diagnosis of death, causes and manner of death,

postmortem changes and differentiation between types of wounds and patterns in different areas and their complications, modern trends of personal

identification, diagnosis of somatic and brain death, mechanism, causes, manner of death diagnosis of different types of antemortem and postmortem wounds and mechanism of infliction, pattern of wounds in different areas and their complication.

a.2- outline the principles, methods, ethics, and various tools of medical researches.

a.3- - recognize the ethical and legal principles of medical and professional practice

a.4- - identify the principles of quality assurance in medical practice and basic background of medical ethics.

a.5- discuss malpractice claims as regard drug deaths.

**b- Intellectual skills**

*By the end of the course, students should be able to:*

- b.1- Analyze medical information in case scenario of clinical forensic medicine and recognize their medico-legal aspects.
- b.2- demonstrate problem related to malpractice and role of physicians and/or surgeons to save the rights of the patients assaulted. ..
- b.3- evaluate risks in medical practice (nosocomial infections, care for infectious cases...etc)
- b.4- plan to develop progress in his forensic medicine practice through using consensus to develop guidelines for forensic practice in different medicolegal issues determined by the department council
- b.5- organize professional medical decisions according to different situations when facing medicolegal problem (during clinical training course).
- b.6- evaluate common ethical dilemmas and suggest a proper solution
- b.7- organize medicolegal issues on evidence based manner

**c- Professional &practical skills**

*By the end of the course, students should be able to:*

- C.1- Perfect basic and recent professional medical skills in forensic practice
- C.2- write a professional medical report and different medicolegal reports, and respecting medico legal aspects
- c.3- Select medical methods and tools in forensic sciences
- c.4- Use recent technological tools as computer and internet, to serve his career through searches and assignments
- c.5- Assess his career and improve others performance through team working during his training course.

**d- General transferable skills**

*By the end of the course, students should be able to:*

- d.1-Communicate effectively with the victims and their relatives, and assisting team members
- d.2- use Search in specified topics on the library books, medical journals, and internet( eg assignments, journal club).
- d.3- Apply self evaluation and specify his medical educational needs (e.g. through tutorials)
- d.4- Mange time and practice team working through case presentations and seminars
- d.5-Manage the medicolegal and other forensic science experts
- d.6- perform continuous medical education through updating assignments, and optional training courses.
- d.7- APPLY respect to all colleagues in his team

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- d.8-Apply ethical principles on treating the patients  
d9- use the legal aspects and moral commitments of medical practice  
d10- manage cases (live or dead) in careful and respectful manner, according to medical ethics.  
d 11- communicate with others and evaluate them.

### 3) Course contents

Topics	Lecture	Clinical/ lab
<b>1 - Identification</b> [ 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]		
<b>2- Death, postmortem interval</b> [causes, mechanisms, diagnosis & manner of death; postmortem interval; sudden death; brain death; sudden infant death syndrome]		

### 4) Teaching and learning methods

#### 4.1 - Lectures

4.2 Small group discussions (using role play, models, demonstrations (slides and photographs- Museum specimens and Video films, case study).

4.3 Practical training in the mortuary of medicolegal administration, Ministry of justice.

4.4 Problem based learning.

### 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.

#### At the end of the first part:

1. Written exam to assess (a1- a7, b1-b3 , d6)
2. Practical & clinical exam to assess(c1-c6,d1,d4,d6,d8)
3. Oral exams to assess (b1-b4)
4. Log book activity assignment to assess (b3-b5, d1-d11)

### 6) Weighing of assessments

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<b>Written examination</b>	
<b>Clinical examination:</b>	
<b>Oral examination:</b>	
<b>Semester work</b>	Formative only
<b>Periodical examination</b>	Formative only
<b>Total</b>	

## **7) List of references**

### **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. - Principles of clinical toxicology.
- Emergency toxicology. - Forensic pathology of B. Knight.

**Recommended books** Department books.

### **Periodicals and web sites**

[www.forensicmed.co.uk/](http://www.forensicmed.co.uk/).

[www.medlib.med.utah.edu/webpath/](http://www.medlib.med.utah.edu/webpath/).

[www.dundee.ac.uk/facmedden/bmsc](http://www.dundee.ac.uk/facmedden/bmsc))

## **8) Other resources/ facilities required for teaching and learning to achieve the above ILOs**

- MORE COOPERATION BETWEEN MEDICOLEGAL DEPARTMENT IN MINISTRY OF JUSTICE AND FORENSIC MEDICINE DEPARTMENT IN TANTA FACULTY OF MEDICINE
- Additional Data show, Computers and lecture rooms original texts and periodicals

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

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

Course coordinator and head of department

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

Head of quality assurance unit:

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