



COURSE SPECIFICATION

(General Toxicology & Regulating Laws of Drugs & Toxins)

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:	First part
(5) Date of approval by the Department`s council	27/5/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	General Toxicology & regulating laws of drugs & Toxins.
(8) Course code:	FNST 519 GT
(9) Credit hours	1 hour/week
(10) Total teaching hours:	15 hours/15 weeks (15 theoretical lectures)

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

1. To prepare the candidate to acquire knowledge related to principles of diagnosis and management of poisoned patient.
2. To prepare the candidate to acquire knowledge related to legal aspects of obtaining and marketing of any addictive substance

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding:

- A1. Describe the different legal aspects of obtaining and marketing of any addictive substance
- A2. Explain principles for diagnosis and management of toxicological cases
- A3. Explain precautions that must be taken in consideration on management of special groups of patients e.g. pregnant females, geriatrics, and pediatrics
- A4. Explain the national code of ethics in medical practice

B- Intellectual skills:

B1: Analyze data from history taking, clinical presentation , different investigations to reach proper diagnosis.

(3) Course content:

Subjects	Lectures
History taking and clinical examination of poisoned patients.	2
Role of laboratory in toxicology.	1
Role of ECG in toxicology.	1
Acid Base balance.	1
Emergency treatment and decontamination.	2
Antidotes, enhanced elimination and symptomatic treatment.	2
Psychiatric evaluation of poisoned patient	1

Pediatric consideration in toxicology	1
Pregnancy consideration in toxicology	1
Geriatric consideration in toxicology	1
Legal aspects of abused substances and drugs.	1
Code of ethics of medical practice	1
Total Teaching Hours	15 hours

(4) Teaching methods:

4.1: Lectures

4.2: Case scenarios

(5) Assessment methods:

5.1: Written exam & Structured oral exam for assessment of A1-4, B1

Assessment schedule:

Final exam at 6th month from admission to Master degree with total of 300 marks

Percentage of each Assessment to the total mark:

Written exam: 180 marks represent 60% (144 marks written and 36 (20%) marks MCQ).

Structured oral exam : 120 marks represent 40%

Other assessment without marks: Logbook activities

(6) References of the course:

Text books:

- **Emergency Toxicology (Peter viccellio)**
- **Clinical management of poisoning and drug overdose, Haddad and Winchester`s.**
- **Clinical Toxicology, Marsha Ford.**

(7) Facilities and resources mandatory for course completion:

Lecture halls and data show.

Course coordinator:

Prof. Dr. Sahar Abdelaziz El Dakroory

Prof. Dr. Amal Abdelsalam El- Bakary

Dr. Manar Adel Helmy

Head of the department:

Prof. Dr. Sahar Abdelaziz El Dakroory

Date: