



# **Logbook of MD of Forensic Medicine & Clinical Toxicology**

## ***Personal Data***

**Name:** .....

**Department:** .....

**Mobile Number:** .....

**E-mail Address:** .....

**Doctorate Degree:**

**Date of registration:** ...../...../.....

**Signature:**

**Head of the Department**

**Vice Dean for Research and Postgraduate Study**

### **Aim of the Logbook:**

To provide evidence that the candidate attained the desired level of competence required to gain the award. In this book, the candidate will document all academic and clinical skills he/she attained during their training.

### **Important regulations (for MD candidates):**

- **To be legible for the first part MD exam** you have to attend at least 70% of the lectures in the semester as evidenced by the logbook
- **To be legible for the (MCQ online) exam at the end of each of second part semesters** you have to attend at least 70% of the lectures of each course/module in the semester as evidenced by the logbook.
- **To be legible for the final MD exam :**
  1. A time interval of 36 months must pass since the **day of degree registration.**
  2. You have to take your practical/clinical training **three times/week** for **two years** or to spend **a year of daily** clinical/practical training in the department.
  3. You have to register 6 semesters on Ibn Ishaq registration page.
  4. You have to attend 70% of the lectures of each course in the second part of MD degree.
  5. You have to fulfill and perform 70% of the practical skills documented in the logbook.



## ***Contents of First Part***

Section I: Student teaching sections.

Section II: Scientific lectures.

Section III: Clinical Cases

Section IV: Clinical rotation.

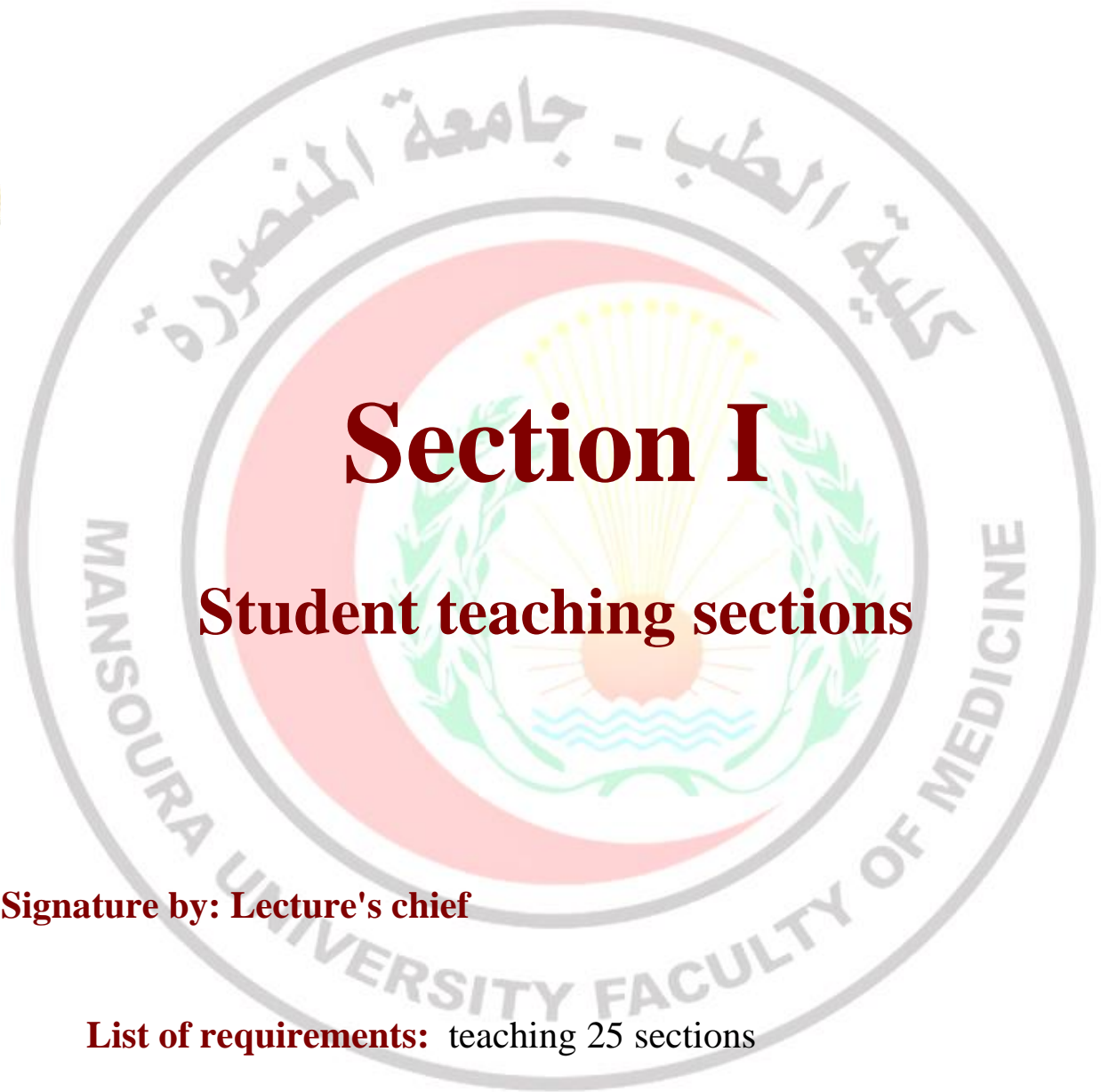
Section V: Toxicology lab Rotation

Section VI: Seminars.

Section VII: Scientific activities.

Appendix: Program courses.





# Section I

## Student teaching sections

**Signature by: Lecture's chief**

**List of requirements:** teaching 25 sections

Student teaching section:

n	Date	Subject	Supervisor's signature	n	Date	subject	Supervisor's signature

Student teaching section:

n	Date	Subject	Supervisor's signature	n	Date	subject	Supervisor's signature



Student teaching section:

<b>n</b>	<b>Date</b>	<b>Subject</b>	<b>Supervisor's signature</b>	<b>n</b>	<b>Date</b>	<b>subject</b>	<b>Supervisor's signature</b>

Student teaching section:

<b>n</b>	<b>Date</b>	<b>Subject</b>	<b>Supervisor's signature</b>	<b>n</b>	<b>Date</b>	<b>subject</b>	<b>Supervisor's signature</b>

Student teaching section:

n	Date	subject	Supervisor's signature	n	Date	subject	Supervisor's signature



**Section II**  
**Lecture Attendance**

## **Genetic Toxicology (1 credit hour)**

**Semester: (spring/fall/summer) year.....**

Weeks 1-7	<b>Application of toxicogenomics in system toxicity</b>	Date	Tutor
Week 1	1- CVS		
Week 2	2- Respiratory system		
Week 3	3- Renal system		
Week 4	4- Hepatic system		
Week 5	5- Endocrinal disruption		
Week 6	6- Teratogenicity		
Week 7	7- Drug development		
Week 8	<b>Biomarker validation</b>		
Week 9- 14	<b>Molecular toxicology</b>		
Week 9	1- Oxidative stress		
Week 10	2- Oxidative stress		
Week 11	3- Endoplasmic reticulum stress		
Week 12	4- Endoplasmic reticulum stress		
Week 13	5- Mitochondrial stress		
Week 14	6- Mitochondrial stress		



## **Section III**

### **Clinical Cases**

## List of requirements

Name of the case	Total number required	Number of cases to plan and carry out	Number of cases to carry out under supervision
1. Insecticides toxicity.	10	10	
2. Rodenticides toxicity.	5	5	
3. Neuroleptic malignant syndrome	5	5	
4. Corrosives.	10	10	
5. Analgesics.	5	5	
6. Cardiotoxic drugs.	5	5	
7. Snake bite	5	5	
8. Food poisoning	5	5	
9. Botulism.	3	3	
10. Acute emergency cases of drug abuse.	5	5	
11. CNS depressants.	5	5	
12. CNS stimulants.	5	5	
13. Gases inhalation.	5	5	
14. Alcohols.	3	3	
15. Hydrocarbons	2	2	

**Levels of participation:**

Type of participation	Degree
1. Clinical assessment at presentation of cases (history and examination).	1
2. Choosing proper investigations.	2
3. Discussion of therapy regimen with the senior colleagues	3
4. Describing the proper therapy in patient file.	4
5. Documentation of patient's data on Ibn Sina online program.	5
6. Admission decision.	6
7. Follow up of the case in ward or ICU.	7
8. Discharge of the patient.	8



**Clinical case log**

Case 1 .....

Level of participation	Date	Location	Signature of supervisor

Case 2 .....

Level of participation	Date	Location	Signature of supervisor


Case 3.....

Level of participation	Date	Location	Signature of supervisor

Case 4.....

Level of participation	Date	Location	Signature of supervisor


Case 5.....

Level of participation	Date	Location	Signature of supervisor

Case 6.....

Level of participation	Date	Location	Signature of supervisor

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Case 7.....

Level of participation	Date	Location	Signature of supervisor

Case 8.....

Level of participation	Date	Location	Signature of supervisor

Case 9.....

Level of participation	Date	Location	Signature of supervisor

Case 10 .....

Level of participation	Date	Location	Signature of supervisor

Case 11 .....

Level of participation	Date	Location	Signature of supervisor


Case 12.....

Level of participation	Date	Location	Signature of supervisor

Case 13.....

Level of participation	Date	Location	Signature of supervisor

Case 14 .....

<b>Level of participation</b>	<b>Date</b>	<b>Location</b>	<b>Signature of supervisor</b>

Case 15 .....

<b>Level of participation</b>	<b>Date</b>	<b>Location</b>	<b>Signature of supervisor</b>



**Signature by: The Lecturer**

**The student must attend 75 % of his/her clinical rotations**



Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



### Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



### Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



# Evaluation of Clinical Shifts Performance

Signature by: direct supervisor of each week

and by unit director monthly

Date	Level of performance			Assessment			Direct supervisor of each week	Unit director's signature
	Observation	Assistance	Independence	Poor	Fair	Good		



**Section V**  
**Toxicology Lab Shifts**

**Signature by: The Lecturer**

**The student must attend 75 % of his/her lab rotations**

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>	<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>	<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>



# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>	<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>

Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>	<b>n</b>	<b>Date/Day</b>	<b>Lecturer`s signature</b>

# Evaluation of Lab Shifts Performance

## Monthly signature by executive, quality and technical directors monthly

Date	Level of performance			Assessment			Technical director's signature	Quality director's signature	Executive director's signature
	Observation	Assistance	Independence	Poor	Fair	Good			

The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sun with rays, surrounded by a green laurel wreath. The text "جامعة المنصورة" (Mansoura University) is written in Arabic at the top, and "MANSOURA UNIVERSITY FACULTY OF MEDICINE" is written in English at the bottom. The logo is semi-transparent and serves as a background for the text.

# Section VI

# Seminars

**Signature by: The Head of Department**

**List of requirements:**

- 1- Seminar attendance: 8**
- 2- Seminar performance: 2**

Seminar attendance:

<b>n</b>	<b>Date</b>	<b>Title</b>	<b>Head of the department 's signature</b>
<b>1.</b>			
<b>2.</b>			
<b>3.</b>			
<b>4.</b>			
<b>5.</b>			
<b>6.</b>			
<b>7.</b>			
<b>8.</b>			
<b>9.</b>			
<b>10.</b>			

Seminar performance:

Date	Title	Head of the department 's signature



The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sun with rays, a green laurel wreath, and a blue wavy base. The text 'جامعة المنصورة' (Mansoura University) is written in Arabic at the top, and 'FACULTY OF MEDICINE' is written in English at the bottom. The text 'MANSOURA UNIVERSITY' is also visible on the left side of the emblem.

# **Section VII: Scientific activities**

**Signature by: The Head of Department**

## List of requirements

<b>Conferences</b>			
<b>Total number required</b>	<b>Attendance</b>	<b>Organization</b>	<b>Presentation</b>
<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>Workshops</b>			
<b>Total number required</b>	<b>Attendance</b>	<b>Organization</b>	<b>Presentation</b>
<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>Training courses</b>			
<b>Total number required</b>	<b>Attendance</b>	<b>Organization</b>	<b>Presentation</b>
<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>



**Scientific activities:** (thesis discussion (at least one), conference and workshop, training courses)

Thesis discussion		
Date	Activity	Supervisor

**Conference**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>

**Workshop**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>

**Training courses**

<b>Date</b>	<b>Activity</b>	<b>Supervisor</b>



# Appendix

## Program Courses

**First part: First part (20 weeks duration/5 months)**

**a- Compulsory courses:**

Course title	المقررات	Course code	Theoretical	Total hours / week	Total teaching hours
			Lectures		
Genetic and Molecular toxicology	السموم الجينية والجزئية	FNST 619 GMT	5	5	75
Total			5	5	75

## ***Contents of Second Part***

Section I: Student teaching sections.

Section II: Scientific lectures.

Section III: Clinical cases

Section IV: Clinical rotation.

Section V: Toxicology lab rotation

Section VI: Seminars.

Section VII: Scientific activities.

Section VIII: Practical skills & field training

Appendix: Program courses.



The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sun with rays, surrounded by a green laurel wreath. The sun is positioned over a blue wavy line representing water. The emblem is set against a red crescent moon. The text "جامعة المنصورة" (Mansoura University) is written in Arabic at the top, and "MANSOURA UNIVERSITY FACULTY OF MEDICINE" is written in English at the bottom of the circle.

# **Section I**

# **Student teaching**

# **sections**



Student teaching sections:

Date	Section subject	Supervisor's signature



Student teaching sections:

Date	Section subject	Supervisor's signature

Student teaching sections:

Date	Section subject	Supervisor's signature



## **Section II**

# **Scientific Lectures**

### Semester III

Semester: (spring/fall/summer) year.....

**Forensic Medicine and Medical Responsibilities:** (1.5 credit hours)

Week	Title	Date	Tutor
Week 1:	Thanatology		
Week 2:	Thanatology		
Week 3:	Thanatology		
Week 4:	virtual Autopsy		
Week 5:	MLI of Entomology		
Week 6:	Recent advances in prints		
Week 7:	Recent advances in prints		
Week 8:	Anthropology		
Week 9:	Anthropology		
Week 10:	Anthropology		
Week 11:	Forensic Science in Lab		
Week 12:	Forensic Science in Lab		

**Injuries and Permanent Infirmities: (1.5 credit hours)**

<b>Week</b>	<b>Title</b>	<b>Date</b>	<b>Tutor</b>
Week 1:	Wounds		
Week 2:	Wounds		
Week 3:	Wounds		
Week 4:	Wounds		
Week 5:	Wounds		
Week 6:	Regional injuries		
Week 7:	Regional injuries		
Week 8:	Regional injuries		
Week 9:	Wounds and infirmities		
Week 10:	Wounds and infirmities		
Week 11:	Wounds and infirmities		
Week 12:	Wounds and infirmities		

## **Clinical Toxicology: (2 credit hours)**

<b>Week</b>	<b>Title</b>	<b>Date</b>	<b>Tutor</b>
Week 1:	General guidelines in management of poisoned patients		
Week 2:	General guidelines in management of poisoned patients		
Week 3:	General guidelines in management of poisoned patients		
Week 4:	General guidelines in management of poisoned patients		
Week 5:	General guidelines in management of poisoned patients		
Week 6:	Environ. & industrial & household products		
Week 7:	Environ. & industrial & household products		
Week 8:	Environ. & industrial & household products		
Week 9:	Environ. & industrial & household products		
Week 10:	Environ. & industrial & household products		
Week 11:	Chemical & Biological weapons		
Week 12:	Chemical & Biological weapons		

## Semester IV

Semester: (spring/fall/summer) year.....

**Forensic Medicine and Medical Responsibilities:** (1.5 credit hours)

Week	Title	Date	Tutor
Week 1:	Crime Scene Investigations & cracking of criminal cases		
Week 2:	Crime Scene Investigations & cracking of criminal cases		
Week 3:	Crime Scene Investigations & cracking of criminal cases		
Week 4:	Crime Scene Investigations & cracking of criminal cases		
Week 5:	Crime Scene Investigations & cracking of criminal cases		
Week 6:	Forensic applications of social sciences (Forensic psychiatry, Forensic psychology, criminal profiling)		
Week 7:	Forensic applications of social sciences (Forensic psychiatry, Forensic psychology, criminal profiling)		
Week 8:	Forensic applications of social sciences (Forensic psychiatry, Forensic psychology, criminal profiling)		
Week 9:	Anesthetic, operative and anaphylactic deaths		
Week 10:	Forensic radiology		
Week 11:	Forensic radiology		
Week 12:	Forensic odontology		

## **Injuries and Permanent Infirmities: (1.5 credit hours)**

<b>Week</b>	<b>Title</b>	<b>Date</b>	<b>Tutor</b>
Week 1:	Firearm injuries		
Week 2:	Firearm injuries		
Week 3:	Firearm injuries		
Week 4:	Firearm injuries		
Week 5:	Firearm injuries		
Week 6:	Artifacts in Firearm injuries		
Week 7:	Artifacts in Firearm injuries		
Week 8:	Artifacts in Firearm injuries		
Week 9:	Permanent infirmities (eye injuries)		
Week 10:	Permanent infirmities (eye injuries)		
Week 11:	Permanent infirmities (pediatric injuries)		
Week 12:	Permanent infirmities (pediatric injuries)		



**Clinical Toxicology: (2 credit hours)**

<b>Week</b>	<b>Title</b>	<b>Date</b>	<b>Tutor</b>
Week 1:	Toxic metals and trace elements		
Week 2:	Toxic metals and trace elements		
Week 3:	Toxic metals and trace elements		
Week 4:	Toxic metals and trace elements		
Week 5:	Toxic metals and trace elements		
Week 6:	Toxic metals and trace elements		
Week 7:	Toxic inhalants		
Week 8:	Toxic inhalants		
Week 9:	Toxic inhalants		
Week 10:	Toxic inhalants		
Week 11:	Toxicological aspects of stem cells		
Week 12:	Toxicological aspects of stem cells		
Week 13:	Management of radiation incidents		
Week 14:	Management of toxic hazardous incidents		
Week 15:	Management of toxic hazardous incidents		

## Semester V

Semester: (spring/fall/summer) year.....

**Forensic Medicine and Medical Responsibilities: (0.75 credit hour)**

Week	Title	Date	Tutor
Week 1:	Environmental Deaths and Barotrauma		
Week 2:	Environmental Deaths and Barotrauma		
Week 3:	Environmental Deaths and Barotrauma		
Week 4:	Malpractice in different specialties		
Week 5:	Malpractice in different specialties		
Week 6:	Malpractice in different specialties		
Week 7:	Malpractice in different specialties		
Week 8:	Malpractice in different specialties		
Week 9:	Forensic Emergency Medicine and Domestic violence		
Week 10:	Forensic Emergency Medicine and Domestic violence		
Week 11:	Forensic Emergency Medicine and Domestic violence		
Week 12:	Forensic Emergency Medicine and Domestic violence		

**Injuries and Permanent Infirmities: (0.75 credit hour)**

Week	Title	Date	Tutor
Week 1:	Head injuries		
Week 2:	Head injuries		
Week 3:	Head injuries		
Week 4:	Head injuries		
Week 5:	Head injuries		
Week 6:	Permanent infirmities (sport injuries)		
Week 7:	Permanent infirmities(sport injuries)		
Week 8:	Permanent infirmities(sport injuries)		
Week 9:	Electrical injuries		
Week 10:	Electrical injuries		
Week 11:	Artifacts in thermal injuries		
Week 12:	Artifacts in thermal injuries		

**Clinical Toxicology: (2 credit hours)**

Week	Title	Date	Tutor
Week 1:	Pesticides		
Week 2:	Pesticides		
Week 3:	Pesticides		
Week 4:	Pesticides		
Week 5:	Toxic alkaloids		
Week 6:	Toxic alkaloids		
Week 7:	Toxic alkaloids		
Week 8:	Toxic alkaloids		
Week 9:	Volatile poisons		
Week 10:	Volatile poisons		
Week 11:	Volatile poisons		
Week 12:	Volatile poisons		
Week 13:	Food poisoning		
Week 14:	Food poisoning		
Week 15:	Food poisoning		

## Semester VI

Semester: (spring/fall/summer) year.....

**Forensic Medicine and Medical Responsibilities: (0.75 credit hour)**

Week	Title	Date	Tutor
Week 1:	MLI of Sterilization, Artificial Insemination & surrogate uterus		
Week 2:	MLI of Sterilization, Artificial Insemination & surrogate uterus		
Week 3:	Drug related deaths		
Week 4:	Drug related deaths		
Week 5:	Traffic medicine		
Week 6:	MLI of cybercrimes & Digital Forensics		
Week 7:	MLI of cybercrimes & Digital Forensics		
Week 8:	Basics of Forensic Engineering		
Week 9:	Basics of Forensic Engineering		
Week 10:	Sex-related Homicides		
Week 11:	Sex-related Homicides		
Week 12:	Sex-related Homicides		

**Injuries and Permanent Infirmities: (0.75 credit hour)**

Week	Title	Date	Tutor
Week 1:	Transportation injuries		
Week 2:	Transportation injuries		
Week 3:	Transportation injuries		
Week 4:	Transportation injuries		
Week 5:	Transportation injuries		
Week 6:	Death in custody and torture		
Week 7:	Death in custody and torture		
Week 8:	Death in custody and torture		
Week 9:	Explosive injury		
Week 10:	Explosive injury		
Week 11:	Falling from height		
Week 12:	Falling from height		

## **Clinical Toxicology: (2 credit hours)**

Week	Title	Date	Tutor
Week 1:	Synthetic drugs		
Week 2:	Synthetic drugs		
Week 3:	Synthetic drugs		
Week 4:	Synthetic drugs		
Week 5:	Synthetic drugs		
Week 6:	Addiction theories and addictive substances		
Week 7:	Addiction theories and addictive substances		
Week 8:	Addiction theories and addictive substances		
Week 9:	Addiction theories and addictive substances		
Week 10:	Psychoactive substances		
Week 11:	Psychoactive substances		
Week 12:	Animal Poisoning		
Week 13:	Animal Poisoning		
Week 14:	Animal Poisoning		
Week 15:	Nanotoxicology		

**Elective Course (.....): (1 credit hour)**

Week	Title	Date	Tutor
Week 1			
Week 2			
Week 3			
Week 4			
Week 5			
Week 6			
Week 7			
Week 8			
Week 9			
Week 10			
Week 11			
Week 12			
Week 13			
Week 14			
Week 15			

Elective Course (Forensic Radiology, Addiction Medicine or Forensic Odontology)

على أن يختار الطالب مقرر اختياري واحد.





### List of requirements / semester

Name of the case	Total number required	No. of cases to plan and carry out	No. of cases to carry out
1. Insecticides toxicity.	<b>10</b>	<b>10</b>	
2. Rodenticides toxicity.	<b>5</b>	<b>5</b>	
3. Neuroleptic malignant syndrome	<b>5</b>	<b>5</b>	
4. Corrosives.	<b>10</b>	<b>10</b>	
5. Analgesics.	<b>5</b>	<b>5</b>	
6. Cardiotoxic drugs.	<b>5</b>	<b>5</b>	
7. Snake bite	<b>5</b>	<b>5</b>	
8. Food poisoning	<b>5</b>	<b>5</b>	
9. Botulism.	<b>3</b>	<b>3</b>	
10. Acute emergency cases of drug abuse.	<b>5</b>	<b>5</b>	
11. CNS depressants.	<b>5</b>	<b>5</b>	
12. CNS stimulants.	<b>5</b>	<b>5</b>	
13. Gases inhalation.	<b>5</b>	<b>5</b>	
14. Alcohols.	<b>3</b>	<b>3</b>	
16. Hydrocarbons	<b>2</b>	<b>2</b>	

**Levels of participation:**

Type of participation	Degree
1. Clinical assessment at presentation of cases (history and examination).	1
2. Choosing proper investigations.	2
3. Discussion of therapy regimen with the senior colleagues	3
4. Describing the proper therapy in patient file.	4
5. Documentation of patient's data on Ibn Sina online program.	5
6. Admission decision.	6
7. Follow up of the case in ward or ICU.	7
8. Discharge of the patient.	8

**Clinical case log**

Case 1 .....

Level of participation	Date	Location	Signature of supervisor

Case 2 .....

Level of participation	Date	Location	Signature of supervisor


Case 3.....

Level of participation	Date	Location	Signature of supervisor

Case 4.....

Level of participation	Date	Location	Signature of supervisor


Case 5.....

Level of participation	Date	Location	Signature of supervisor

Case 6.....

Level of participation	Date	Location	Signature of supervisor

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Case 7.....

Level of participation	Date	Location	Signature of supervisor

Case 8.....

Level of participation	Date	Location	Signature of supervisor

Case 9.....

Level of participation	Date	Location	Signature of supervisor

Case 10 .....

Level of participation	Date	Location	Signature of supervisor

Case 11 .....

Level of participation	Date	Location	Signature of supervisor




Case 12.....

Level of participation	Date	Location	Signature of supervisor

Case 13.....

Level of participation	Date	Location	Signature of supervisor

Case 14 .....

<b>Level of participation</b>	<b>Date</b>	<b>Location</b>	<b>Signature of supervisor</b>

Case 15 .....

<b>Level of participation</b>	<b>Date</b>	<b>Location</b>	<b>Signature of supervisor</b>



# **Section IV**

## **Clinical Shifts**

**Signature by: The Lecturer**

**The student must attend 75 % of his/her clinical rotations**

Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



### Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	





### Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



**Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:**

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

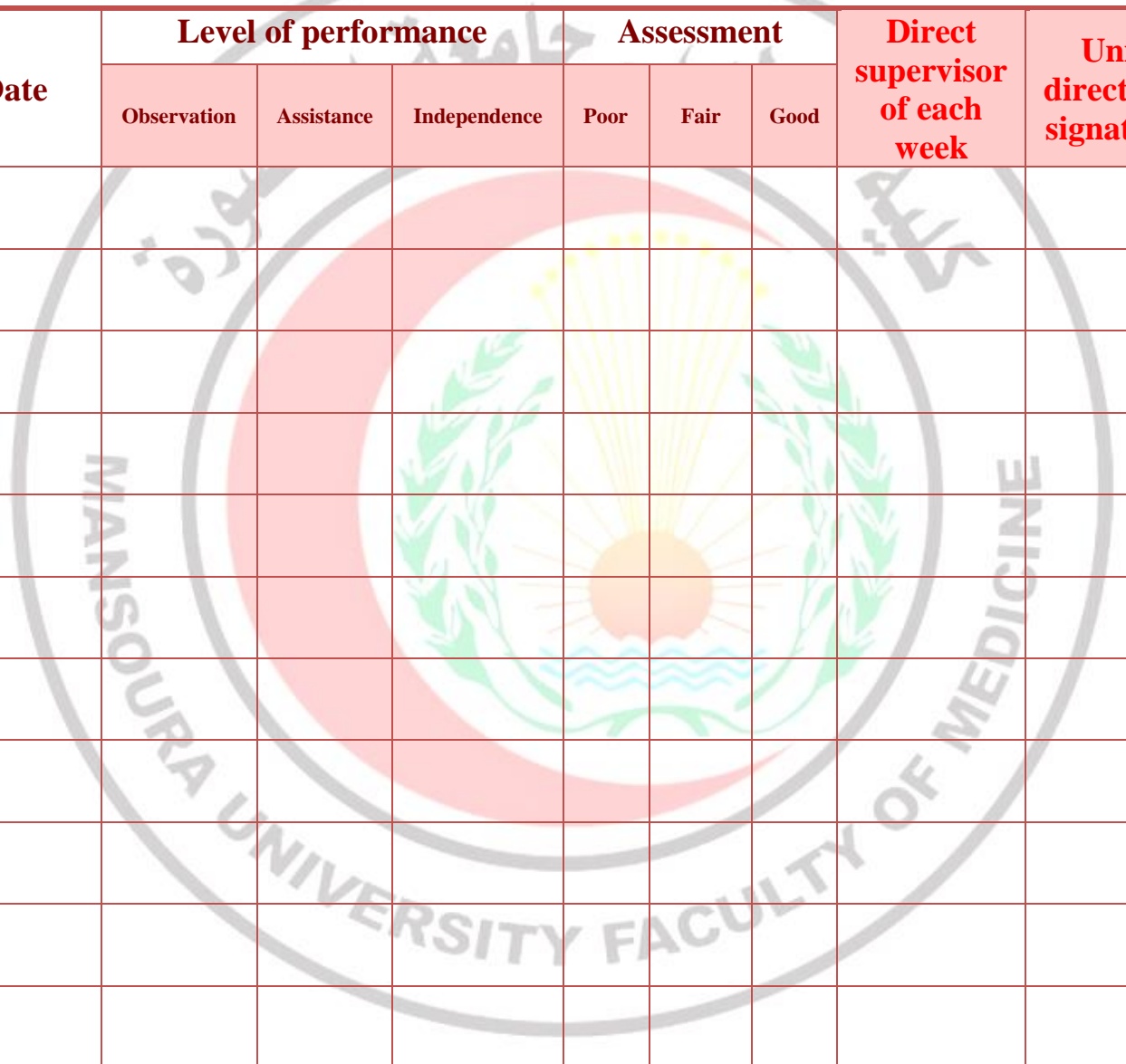


### Clinical Shifts in Toxicology Unit - Mansoura Emergency Hospital:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



**Evaluation of Clinical Shifts Performance**  
**Signature by: direct supervisor of each week**  
**and by unit director weekly**



Date	Level of performance			Assessment			Direct supervisor of each week	Unit director's signature
	Observation	Assistance	Independence	Poor	Fair	Good		



# **Section V**

## **Toxicology Lab Shifts**

**Signature by: The Lecturer**

**The student must attend 75 % of his/her lab rotations**

# Toxicology Lab shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

# Toxicology Lab Shifts in Forensic Med. & Clinical Toxicology

Department:

n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	

# Evaluation of Lab Shifts Performance

Monthly signature by **executive, quality and technical directors monthly**

Date	Level of performance			Assessment			Technical director's signature	Quality director's signature	Executive director's signature
	Observation	Assistance	Independence	Poor	Fair	Good			

The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sun with rays, surrounded by a green laurel wreath. The sun is set against a red and white background. The emblem is encircled by a grey border containing the text 'جامعة المنصورة' (Mansoura University) in Arabic at the top and 'MANSOURA UNIVERSITY FACULTY OF MEDICINE' in English at the bottom. Two golden decorative elements are positioned on the left and right sides of the emblem.

# Section IV

# Seminars

**List of requirements (each semester):**

- 1- Seminar attendance: 8**
- 2- Seminar performance: 2**

Seminar attendance:

No.	Date	Title	Supervisor's Signature
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Seminar attendance:

No.	Date	Title	Supervisor's Signature
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			


Seminar attendance:

No.	Date	Title	Supervisor's Signature
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			



Seminar performance:

Date	Title	Head of seminar committee's signature

The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sun with rays, a crescent moon, and a green laurel wreath. The text "MANSOURA UNIVERSITY FACULTY OF MEDICINE" is written in English around the bottom half of the circle, and "كلية الطب - جامعة المنصورة" is written in Arabic around the top half. The logo is semi-transparent and serves as a background for the text.

# **Section V**

# **Scientific activities**

**Signature by: The Head of Department**

## List of requirements

<b>Conferences</b>			
<b>Total number required</b>	<b>Attendance</b>	<b>Organization</b>	<b>Presentation</b>
<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>Workshops</b>			
<b>Total number required</b>	<b>Attendance</b>	<b>Organization</b>	<b>Presentation</b>
<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Training courses</b>			
<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>

**Scientific activities:** (thesis discussion (at least 2), conference and workshop)

Thesis discussion		
Date	Activity	Supervisor

**Conference**

Date	Activity	Supervisor

**Workshop**

Date	Activity	Supervisor

**Training courses**

Date	Activity	Supervisor

The logo of Mansoura University Faculty of Medicine is a circular emblem. It features a central sunburst with rays emanating from a red and white crescent moon. The sunburst is surrounded by a green laurel wreath. The emblem is set against a light blue background with wavy lines at the bottom. The text "MANSOURA UNIVERSITY FACULTY OF MEDICINE" is written in a circular path around the emblem. Above the emblem, the Arabic text "كلية الطب - جامعة المنصورة" is written in a semi-circle.

# **Section VI**

# **Practical Skills & Field**

# **Training**

**Signature by:**

**Toxicology Unit Director**

**The Head of Department**

The logo of Mansoura University Faculty of Medicine is a large, circular emblem. It features a central sun with rays, surrounded by a green laurel wreath. The sun is positioned above a blue wavy line representing water. The entire emblem is set against a red and white background. The text "جامعة المنصورة" (Mansoura University) is written in Arabic at the top, and "FACULTY OF MEDICINE" is written in English at the bottom. The logo is semi-transparent and serves as a background for the text.

## **A. Practical and clinical skills**

Training will include forensic cases discussion as well as museum specimen, photographs, X-rays and forensic cases' reports interpretation and also discussion of clinical toxicological case problems and preparation of case reports in each topic according to course specs.

**Forensic Medicine and Medical Responsibilities: (1.5 credit hours)**

**List of requirements**

Skills
1. Analyze different causes of death
2. Solve civil or criminal forensic problems
3. Estimate postmortem interval
4. Interpret DNA analysis results
5. Analyze different forensic scene evidences
6. Examine and diagnose cases of sexual offences
7. Interpret cases of medical & research ethics problems as well as cases of malpractice



## Forensic Medicine and Medical Responsibilities Practical skills assessment log

**Skill (1): Analyze different causes of death**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (2): Solve civil or criminal forensic problems**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (3): Estimate postmortem interval**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (4): Interpret DNA analysis results**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (5): Analyze different forensic scene evidences**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (6): Examine and diagnose cases of sexual offences**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (7): Interpret cases of medical & research ethics problems as well as cases of malpractice**

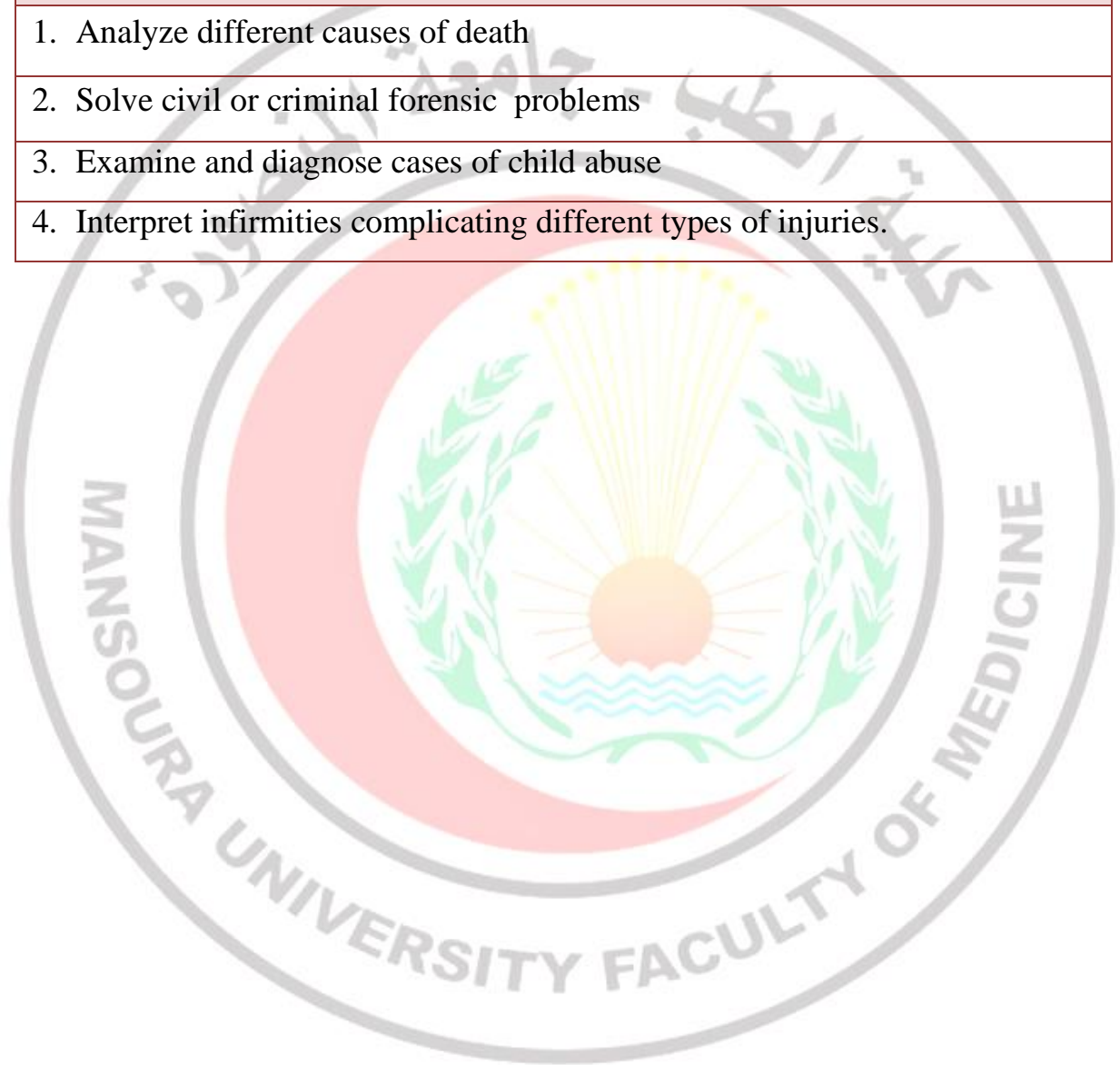
Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	



## **Injuries and Permanent Infirmities: (1.5 credit hours)**

### **List of requirements**

<b>Skills</b>
1. Analyze different causes of death
2. Solve civil or criminal forensic problems
3. Examine and diagnose cases of child abuse
4. Interpret infirmities complicating different types of injuries.



## Injuries and Permanent Infirmities Practical skills assessment log

**Skill (1): Analyze different causes of death**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (2): Solve civil or criminal forensic problems**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (3): Examine and diagnose cases of child abuse**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**Skill (4): Interpret infirmities complicating different types of injuries.**

Date	Trainee's assessment			Trainer's signature
	Poor	Fair	Good	

**B. Forensic Cases in Forensic Medicine Authority:  
Requirements throughout the MD degree duration:**

**10 autopsy cases and 5 clinical forensic cases**

**List of requirements**

<b>Skills</b>
1. Participate in medicolegal autopsy.
2. Analyze different causes of death
3. Solve civil or criminal forensic problems
4. Estimate postmortem interval
5. Examine and diagnose cases of sexual offences
6. Examine and diagnose cases of child abuse

**Levels of skill**

<b>Types of skills</b>	<b>Degree</b>
Participate in postmortem examination in morgue or examination of clinical forensic cases.	<b>1</b>
Write a forensic report	<b>2</b>
Criticize a forensic report.	<b>3</b>
Interpretation of different types of artifacts.	<b>4</b>



## Forensic cases log

Participate in postmortem examination or examination of clinical forensic cases is signed by forensic medicine authority director

Case 1 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 2 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 3.....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 4 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 5 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 6 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 7 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 8.....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 9 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 10 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 11 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 12 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 13.....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 14 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature

Case 15 .....

Skills	Level of performance	Date	Trainer's comments	Trainer's signature





**C. Toxicological case report (at least 10):**

Date	Case presentation	Trainee's assessment			Head of seminar committee	Head of department's signature
		Poor	Fair	Good		






جدول الساعات المعتمدة لمادة الطب الشرعي والسموم الإكلينيكية

جزء ثاني دكتوراه (نظام حديث)

Course title	المقررات	Course code	Semester III				Semester IV			
			Lectures	Practical & clinical	Total credit hours/ week	Total teaching hours	Lectures	Practical	Total credit hours/ week	Total teaching hours
Forensic Medicine & Medicolegal Responsibilities	الطب الشرعي والمسؤولية الطبية الشرعية	FNST 619 FM	1.5	0.5	2	37.5	1.5	0.5	2	37.5
Injuries and Permanent Infirmities	الإصابات والعاهات المستديمة	FNST 619 MII	1.5	0.5	2	37.5	1.5	0.5	2	37.5
Clinical Toxicology	السموم الإكلينيكية	FNST 619 ET	2	1	3	60	2	1	3	60
Elective course:	المقررات الاختيارية									
• Forensic Radiology	• الأشعة من الوجهة الطبية الشرعية	• FNST 619 FR	---	---	---	---	---	---	---	--
• Forensic Odontology	• علم الأسنان من الوجهة الطبية الشرعية	• FNST 619 FO								
<b>Total</b>			<b>5</b>	<b>2</b>	<b>7</b>	<b>135</b>	<b>5</b>	<b>2</b>	<b>7</b>	<b>135</b>

Course title	المقررات	Course code	Semester V				Semester VI			
			Lectures	Practical	Total credit hours/ week	Total teaching hours	Lectures	Practical	Total credit hours/ week	Total teaching hours
Forensic Medicine & Medicolegal Responsibilities	الطب الشرعي و المسؤولية الطبية الشرعية	FNST 619 FM	0.75	.25	1	18.75	0.75	.25	1	18.75
Injuries and permanent Infirmities	الإصابات و العاهات المستديمة	FNST 619 MII	0.75	.25	1	18.75	0.75	.25	1	18.75
Clinical Toxicology	السموم الإكلينيكية	FNST 619 DT	2	1	3	60	2	1	3	60
Elective course:	المقررات الاختيارية									
• Forensic Radiology	• الأشعة من الوجهة الطبية الشرعية	• FNST 619 FR	---	---	---	---	1	---	1	15
• Forensic odontology	• علم الاسنان من الوجهة الطبية الشرعية	• FNST 619 FO	---	---	---	---	---	---	---	---
Total			٣,٥	١,٥	٥	97.5	---	---	---	97.5

Elective Course (Forensic Radiology, Forensic odontology or Addiction Medicine)

على أن يختار الطالب مقرر اختياري واحد ويشترط ان يكون مختلف عن المقرر الذي سبق اختياره في الماجستير