



Logbook of MS of Forensic Medicine & Clinical Toxicology

Personal Data

Name:

Department:

Mobile Number:

E-mail Address:

Master 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 MS candidates):

- **To be legible for the first part MS exam** you have to attend at least 70% of the lectures of each course 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 MS exam :**
 1. A time interval of 36 months must pass since the **day of registration to the job** for residents and demonstrators and 30 months since the day **of degree registration** for nonresidents.
 2. You have to spend **a year of daily** clinical/practical training in the department or **two years with three times/week** practical/clinical training.
 3. You have to register 4 semesters on Ibn Ikhaythm registration page.
 4. You have to attend 70% of the lectures of each course in the second part of MS degree.
 5. You have to fulfill and perform 70% of the practical skills documented in the logbook.



Bylaws of the MS

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.

Section VIII: Practical skills & field training

Appendix: Program courses.





Section I

Student teaching sections

Signature by: Lecture's chief

List of requirements: Attendance (20 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:

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:

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



Section II
Lecture Attendance

General Toxicology (1 credit hour)

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

Week	Title	Date	Tutor
Week 1	History taking in poisoning cases.		
Week 2	Clinical examination of poisoned patients.		
Week 3	Role of laboratory in toxicology.		
Week 4	Acid Base balance.		
Week 5	Role of ECG in Toxicology.		
Week 6	Emergency treatment and Decontamination.		
Week 7	Antidotes, Enhanced elimination and symptomatic treatment.		
Week 8	Psychiatric evaluation of poisoned patient.		
Week 9	Pediatric consideration in toxicology.		
Week 10	Pregnancy consideration in toxicology.		
Week 11	Geriatric consideration in toxicology.		
Week 12	Legal aspects of abused substances and drugs.		
Week 13	Code of ethics of medical practice		

Analytical Toxicology (1/2 credit hour)

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

Week	Title	Date	Tutor
Week1	Samples and sampling		
Week2	Extraction of and detection of neutral drugs		
Week3	Extraction of and detection of acidic drugs		
Week4	Extraction of and detection of alkaline drugs		
Week5	Extraction of and detection of cannabis		
Week6	Postmortem analytical toxicology		
Week7	Color test		
Week8	Extraction of and detection of pesticides		
Week9	Detection of drugs by immunoassay techniques, UV visible and fluorescence spectrometry		
Week10	Quality control in clinical analysis		
Week11	Principles of detection of drugs by HPLC, GC,GCMS techniques		
Week12	Extraction and detection of metals and ions		

Forensic Pathology (1/2 credit hour)

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

Week	Title	Hours	Date	Tutor
Seminar 1	Identify principles of pathological: <ul style="list-style-type: none">• Inflammation• Repair• Necrosis• Degeneration	2		
Seminar 2	Identify principles of pathological: <ul style="list-style-type: none">• Infectious diseases• Carcinogenesis Identify: naked eye and microscopic examination of pathological affection of different organs: <ul style="list-style-type: none">• Diseases of Cardiovascular system)	2		
Seminar 3	Identify: naked eye and microscopic examination of pathological affection of different organs: <ul style="list-style-type: none">• Diseases of the nervous systems• Diseases of bone and joints• Diseases of gastrointestinal tract, liver & pancreas)	2		
Seminar 4	Identify: naked eye and microscopic examination of pathological affection of different organs: <ul style="list-style-type: none">• Diseases of Female reproduction• Diseases of respiratory system	2		

Pharmacology (1 credit hour)

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

Week	Title	Hours	Date	Tutor
Seminar 1	<ul style="list-style-type: none">• Anti-epileptic drugs• Analgesics• Anxiolytic , hypnotic and neuroleptic drugs	3		
Seminar 2	<ul style="list-style-type: none">• Pharmacokinetics• Pharmacodynamics• General principles ; <p>Kinetics and dynamics of the poisons and drugs in common use for toxicology</p>	3		
Seminar 3	<ul style="list-style-type: none">• Autonomic pharmacology• Cardiovascular pharmacology• General mechanisms of cell damage and cell death , including hepatotoxicity and nephrotoxicity	3		
Seminar 4	<ul style="list-style-type: none">• Non-therapeutic drugs e.g. Ethanol, nicotine and cannabis.• Chemotherapeutic agents• C.N.S stimulants , drugs used in affective disorders• Harmful effects of drugs , mutagenesis , carcinogenesis and teratogenesis• allergic reactions to drugs	4		

Internal Medicine (1/2 credit hour)

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

Week	Title	Hours	Date	Tutor
Seminar 1	Toxic causes, Clinical picture and management of: <ul style="list-style-type: none">• Acute and chronic renal failure• Liver cell failure• Heart failure• Thyrotoxicosis• Anaemia• Metabolic encephalopathy	2		
Seminar 2	Acid base balance Electrolyte disturbance.	2		
Seminar 3	Arrhythmia	2		
Seminar 4	ECG interpretation (normal and abnormal finding)	2		



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

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

Level of participation	Date	Location	Signature of supervisor

Case 15

Level of participation	Date	Location	Signature of supervisor



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:

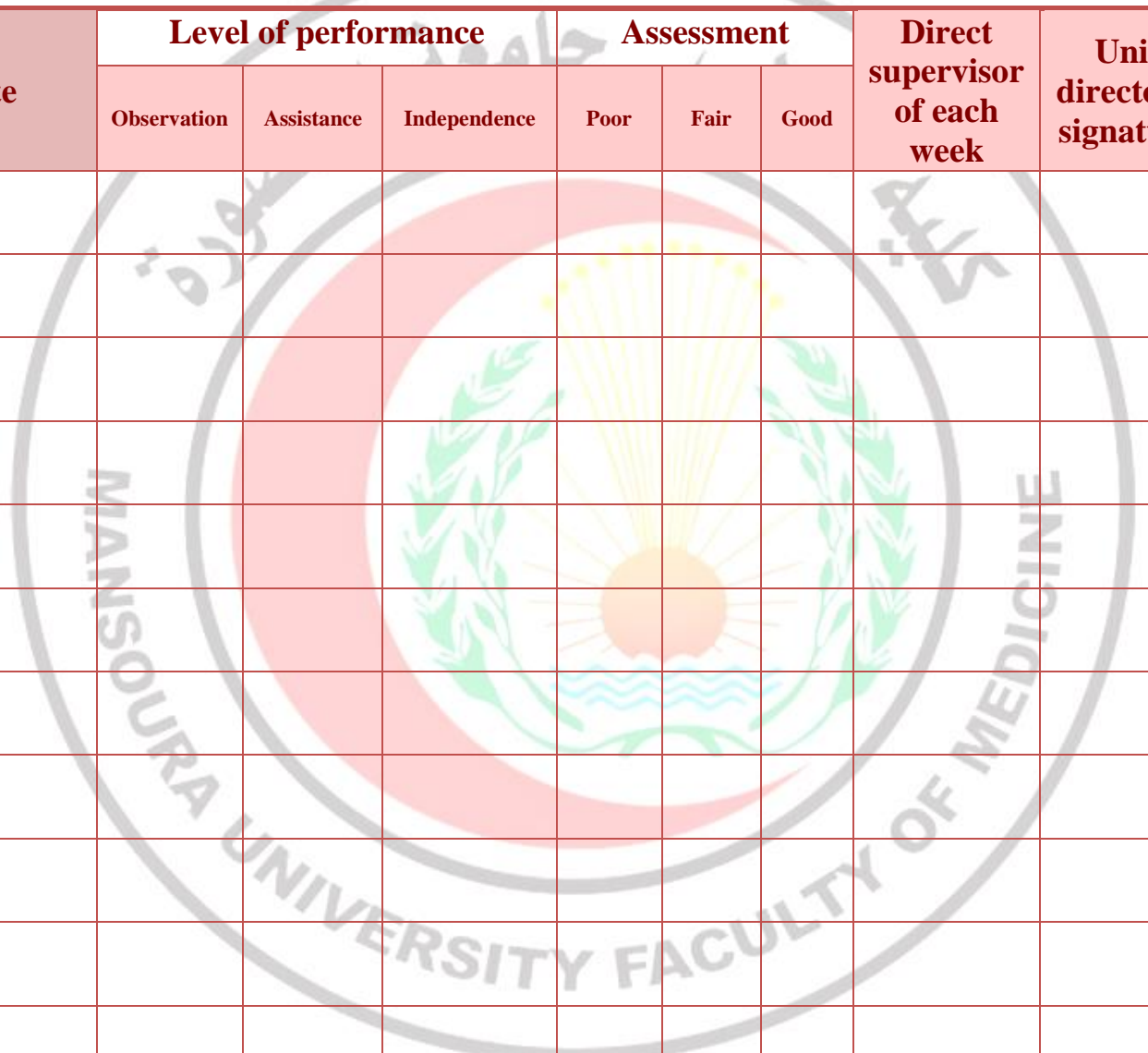
n	Date/Day	Time		Lecturer`s signature	n	Date/Day	Time		Lecturer`s signature
		8am-8pm	8pm-8am				8am-8pm	8pm-8am	



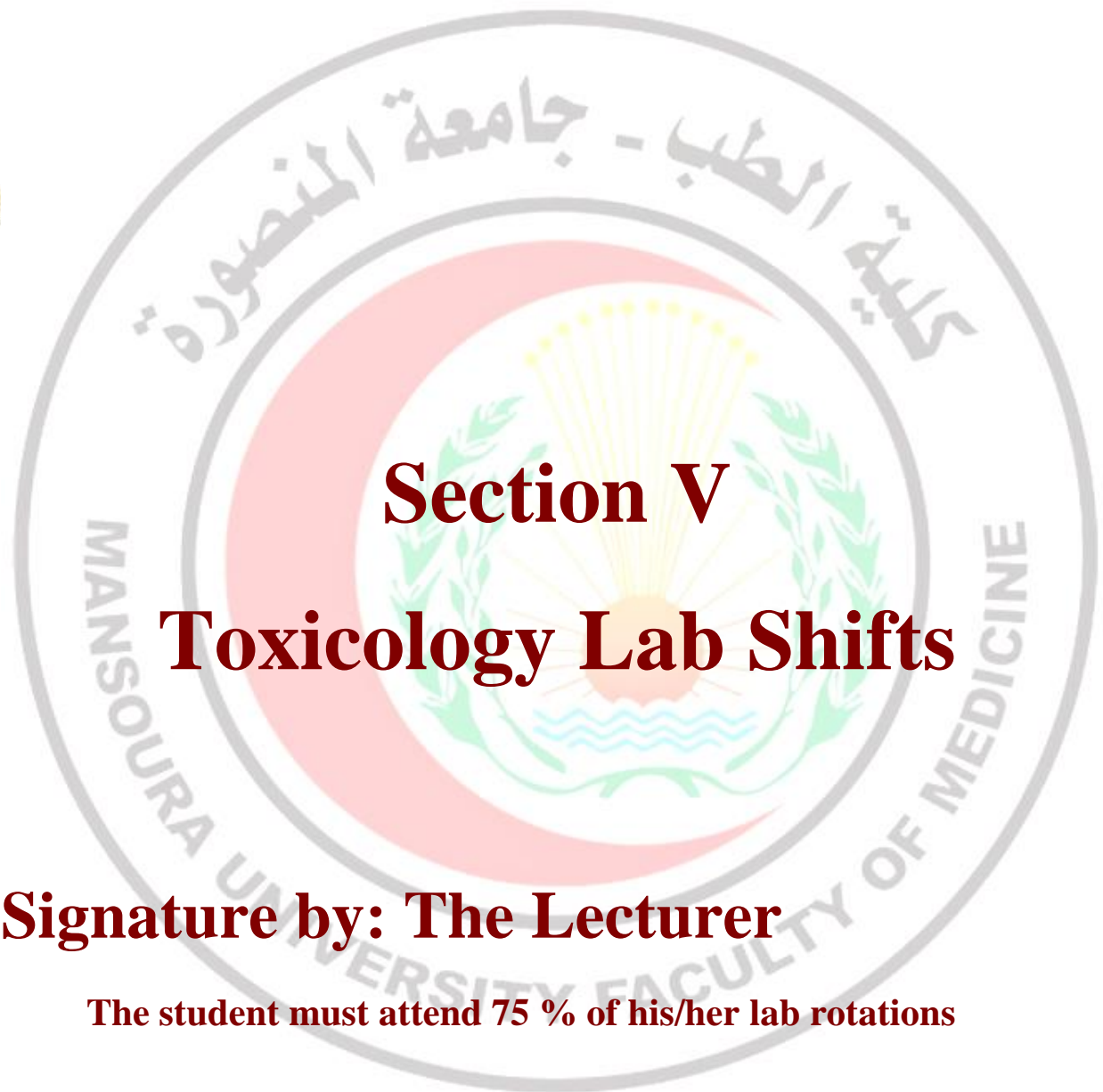
Evaluation of Clinical Shift Performance

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:

N	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature

Toxicology lab shifts in Forensic Med. & Clinical Toxicology

Department:

N	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature

Toxicology lab shifts in Forensic Med. & Clinical Toxicology

Department:

N	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature

Toxicology lab shifts in Forensic Med. & Clinical Toxicology

Department:

N	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature

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 positioned over a blue wavy line representing water. The emblem is set against a red circular background. The outer ring of the logo contains the text 'جامعة المنصورة' (Mansoura University) in Arabic at the top and 'MANSOURA UNIVERSITY FACULTY OF MEDICINE' in English at the bottom.

Section VI

Seminars

Signature by: The Head of Department

List of requirements:

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

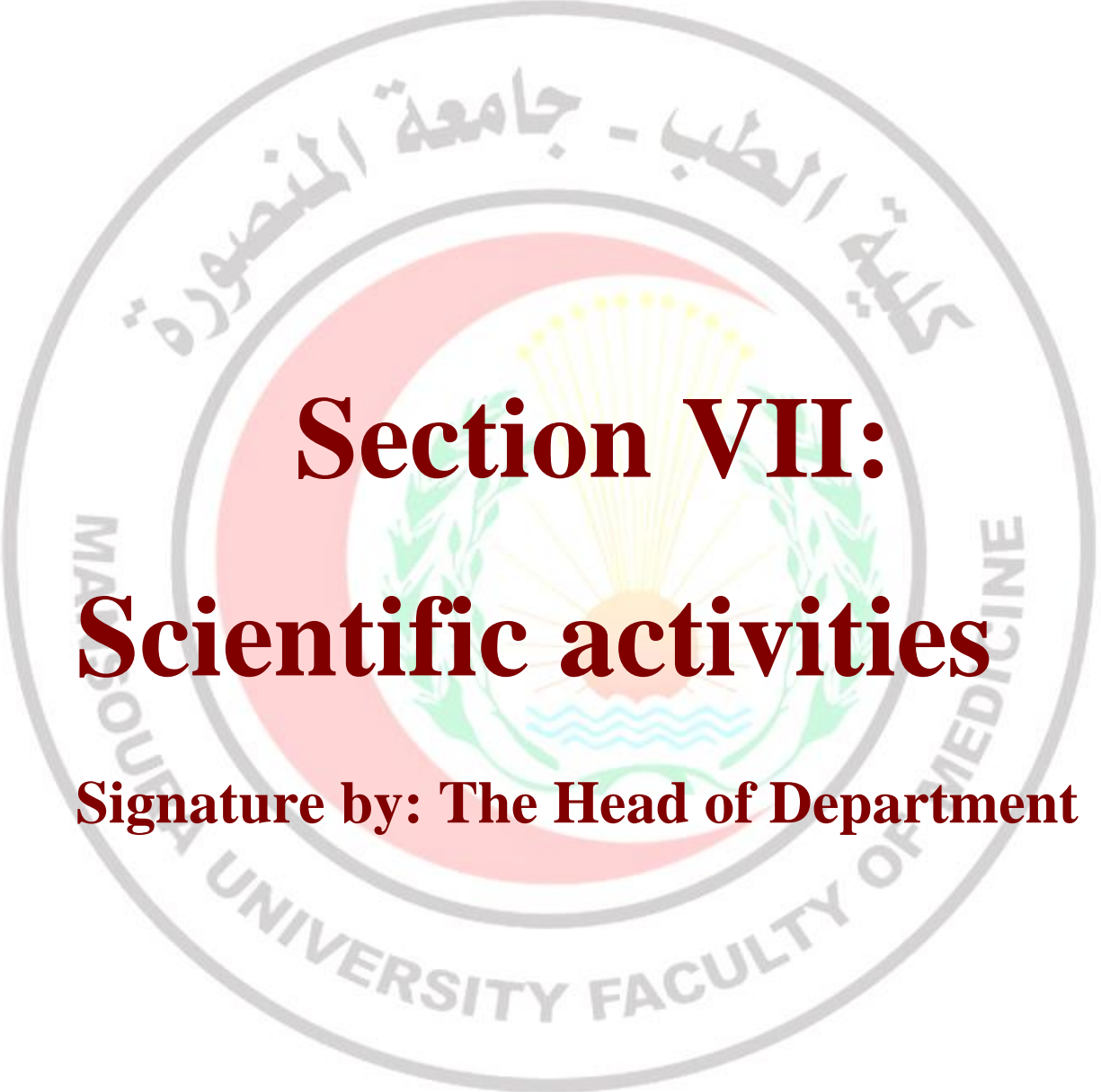
Seminar attendance:

n	Date	Title	Supervisor's Signature
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Seminar performance:

Date	Title	Supervisor'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 emblem is set against a red crescent moon. The outer ring of the logo contains the text 'جامعة المنصورة' (Mansoura University) in Arabic at the top and 'MANSOURA UNIVERSITY FACULTY OF MEDICINE' in English at the bottom.

Section VII: Scientific activities

Signature by: The Head of Department

List of requirements

Conferences			
Total number required	Attendance	Organization	Presentation
1	1	-	-
Workshops			
Especially for emergency cases in skill lab			
Total number required	Attendance	Organization	Presentation
1	1	-	-
Training courses (Advanced life support)			
1	1	-	-

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

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 VIII
Practical Skills & Field
training

Signature by:

Toxicology Unit Director

The Head of Department

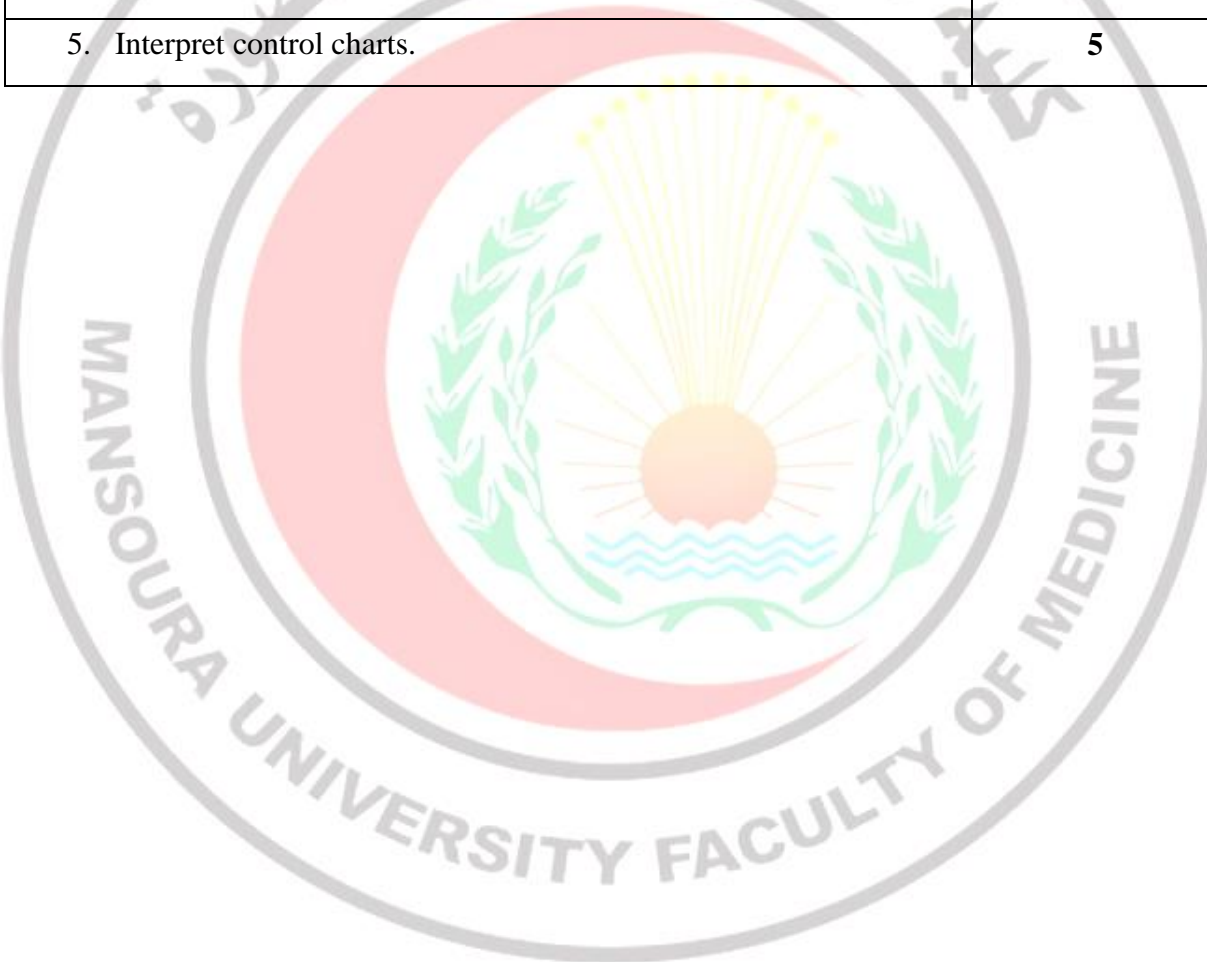
Practical Laboratory Training of Forensic Chemistry (1/2 credit hour):

List of requirements

Skills		Total number required	No. of cases to carry out under supervision	No. of cases to plan and carry out
1. Extract and detect different drugs and substances by TLC	Neutral drugs	2	1	1
	Acidic drugs	2	1	1
	Alkaline drugs	2	1	1
	Opiates and tramadol	2	1	1
	Cannabis	2	1	1
	Pesticides	2	1	1
2.	Perform quality control charts	2	1	1
3.	Detect drugs by immunoassay techniques	20	5	15
4. Detect of drugs by HPLC techniques	Soft wear analysis	4	2	2
	Injection of samples	4	2	2
	Perform standard calibration curve	4	2	2
	Qualitative analysis	4	2	2
	Perform quantitative analysis	4	2	2
	Interpretation of chromatograms	4	2	2

Levels of skill

Type of skill	Degree
1. Correctly extract drugs	1
2. Detect drugs by immunoassay	2
3. Correctly detect drugs and substances by TLC	3
4. Deals with trouble shots in analysis by instruments.	4
5. Interpret control charts.	5



Forensic chemistry case log

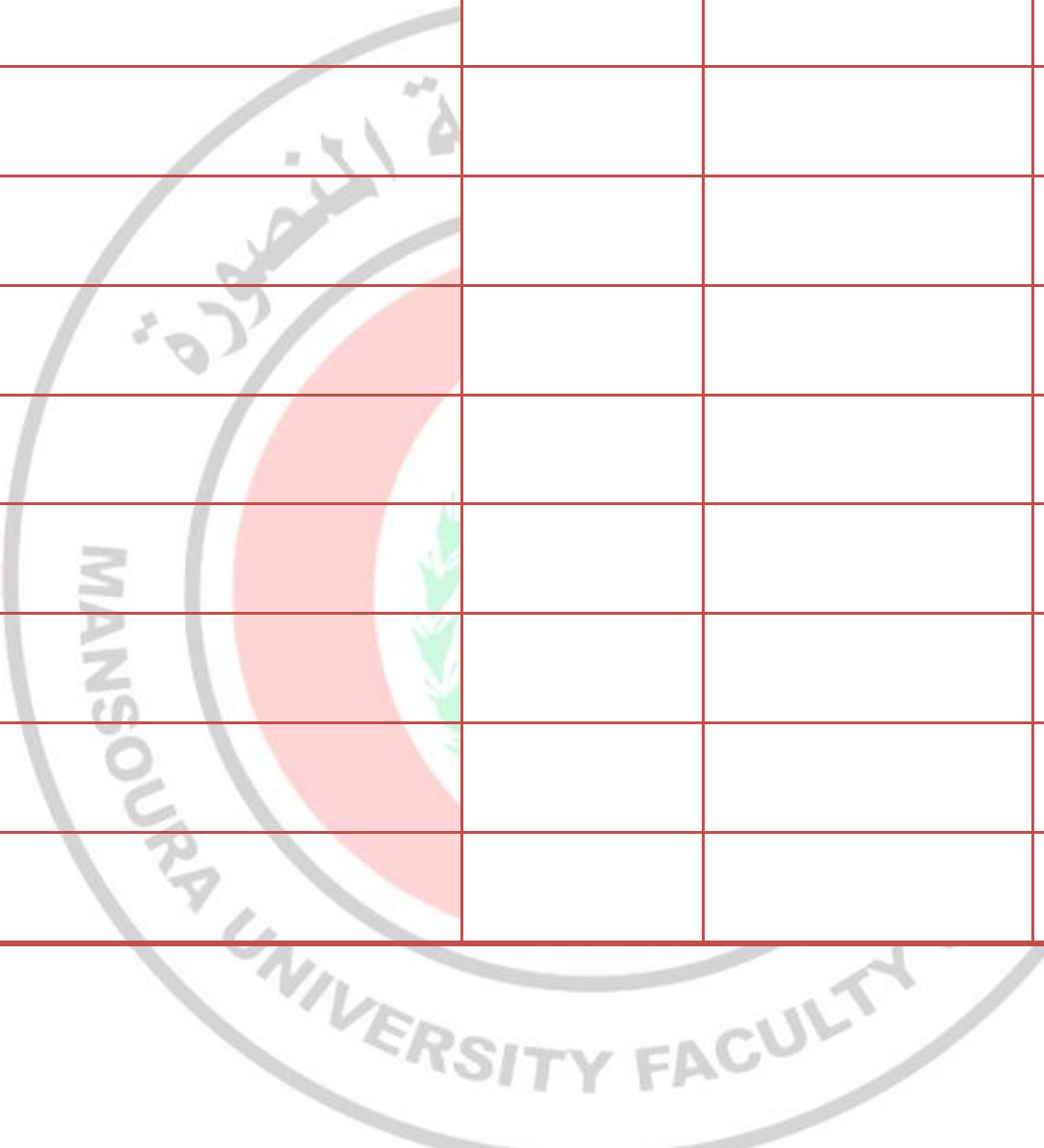
Skills	Level of performance	Date	Trainer's comments	Trainer's signature

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

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

Practical Laboratory Training of Pathology (1/2 credit hour):

Skills	Date	Trainer's Remarks	Trainer's signature



Clinical Training of Internal Medicine (1/2 credit hour):

Skills	Date	Trainer's Remarks	Trainer's signature





First part (20 weeks duration/5 months)

a- Compulsory courses:

Course title	المقررات	Course code	Theoretical Lectures	Practical	Total / week	Total teaching hours	
						Lecture	Practical
General toxicology	السموم العامة	FNST 519	1				
Regulating laws of drugs & toxins	المبادئ المنظمة للجواهر المخدرة و السموم	GT		---	1	15	---
Forensic chemistry	الكيمياء الطبية الشرعية	FNST 519 FC	0.5	0.5	1	7.5	15
Forensic pathology	الباثولوجيا الطبية الشرعية	FNST 505 FP	0.5	0.5	1	7.5	15
Clinical pharmacology	الفارماكولوجيا الأكلينيكية	FNST 506	1	---	1	15	---
Medicine	أمراض الباطنة	FNST 510	0.5	0.5	1	7.5	15
Total					5	52.5	45

Contents of Second Part

Section I: Student teaching sections.

Section II: Scientific lectures.

Section III: Clinical cases

Section IV: Clinical rotation.

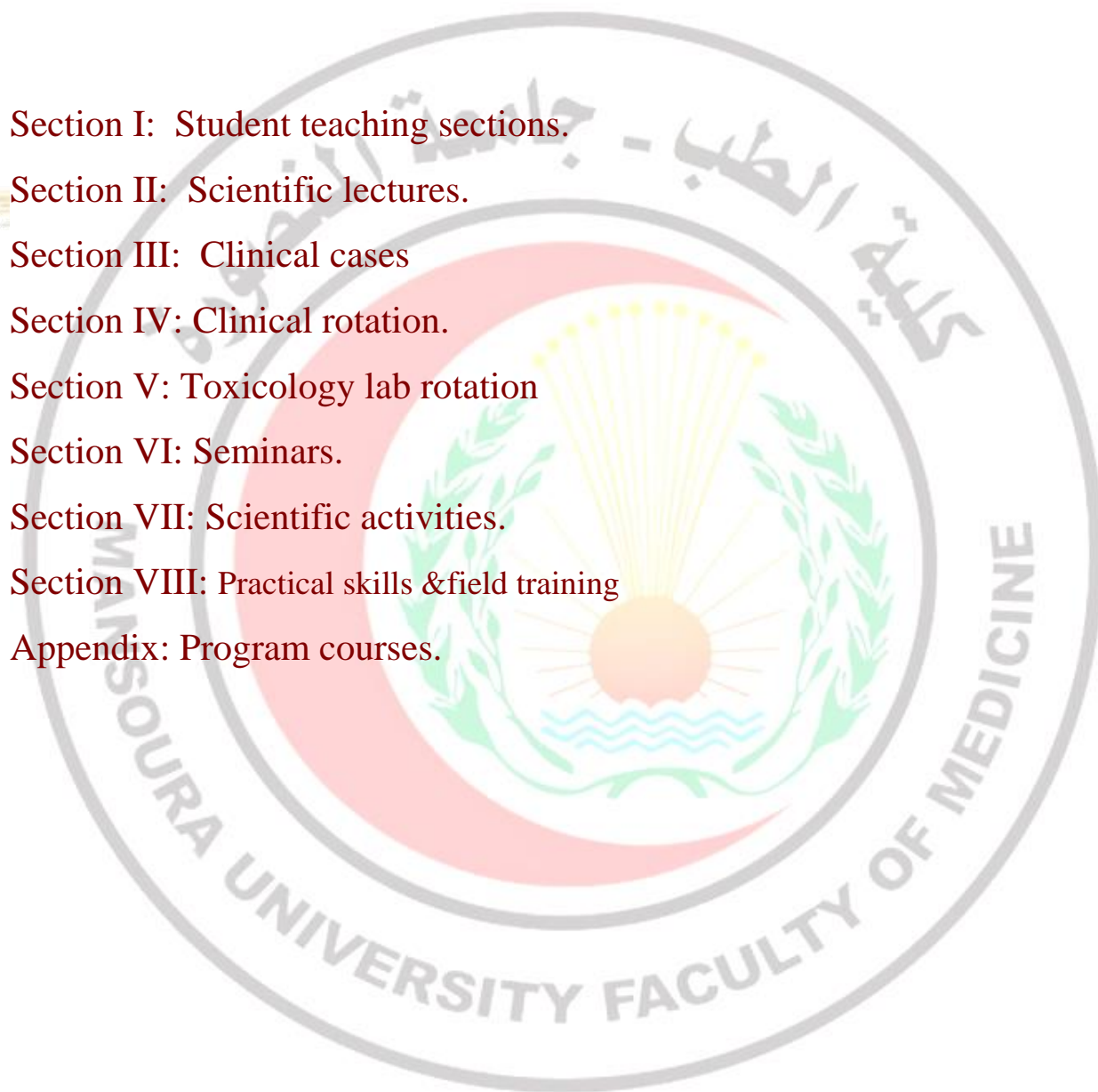
Section V: Toxicology lab rotation


Section VI: Seminars.

Section VII: Scientific activities.

Section VIII: Practical skills & field training

Appendix: Program courses.



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Section I

Student teaching

sections

Student teaching sections (30 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 II

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

Forensic Medicine and Medical Responsibilities: (1.5 credit hours)

Week	Title	Date	Tutor
Week1	Death & postmortem changes		
Week2	Death & postmortem changes		
Week3	Death & postmortem changes		
Week4	Sudden natural death		
Week5	Sudden death in athletes		
Week6	Medicolegal autopsy		
Week7	Medicolegal autopsy		
Week8	Artifacts in autopsy		
Week9	Negative autopsy		
Week10	Organ transplantation		
Week11	Organ transplantation		
Week12	PM chemistry		
Week13	PM chemistry		

Injuries and Permanent Infirmities: (1.5 credit hours)

Week	Title	Date	Tutor
Week1	Wounds		
Week2	Wounds		
Week3	Wounds		
Week4	Wounds		
Week5	Wounds		
Week6	Permanent infirmities		
Week7	Permanent infirmities		
Week8	Permanent infirmities		
Week9	Permanent infirmities		
Week10	Regional Injuries		
Week11	Regional Injuries		
Week12	Regional Injuries		

Clinical Toxicology: (2 credit hours)

Week	Title	Date	Tutor
Week1	General toxicology		
Week2	General toxicology		
Week3	General toxicology		
Week4	General toxicology		
Week5	General toxicology		
Week6	General toxicology		
Week7	Corrosives		
Week8	Corrosives		
Week9	Corrosives		
Week10	Irritants		
Week11	Irritants		
Week12	Irritants		
Week13	Snake bite and scorpion sting		
Week14	Snake bite and scorpion sting		

Semester III

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

Forensic Medicine and Medical Responsibilities: (0.75 credit hour)

Week	Title	Date	Tutor
Week1	Euthanasia		
Week2	Identification		
Week3	Identification		
Week4	Identification		
Week5	Identification		
Week6	Mass disaster		
Week7	Mass disaster		
Week8	Mass disaster		
Week9	DNA analysis		
Week10	DNA analysis		
Week11	ML of Blood stains		
Week12	ML of Blood stains		

Injuries and Permanent Infirmities: (0.75 credit hour)

Week	Title	Date	Tutor
Week1	Firearm injuries		
Week2	Firearm injuries		
Week3	Firearm injuries		
Week4	Firearm injuries		
Week5	Firearm injuries		
Week6	Head injuries		
Week7	Head injuries		
Week8	Head injuries		
Week9	Permanent infirmities		
Week10	Permanent infirmities		
Week11	Permanent infirmities		
Week12	Permanent infirmities		

Clinical Toxicology: (2.5 credit hours)

Week	Title	Date	Tutor
Week1	Toxic gases		
Week2	Toxic gases		
Week3	Toxic gases		
Week4	Toxic gases		
Week5	Toxic gases		
Week6	Household products		
Week7	Household products		
Week8	Household products		
Week9	Insecticides and Rodenticides		
Week10	Insecticides and Rodenticides		
Week11	Insecticides and Rodenticides		
Week12	Insecticides and Rodenticides		
Week13	Toxic alkaloids		
Week14	Toxic alkaloids		

Semester IV

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

Forensic Medicine and Medical Responsibilities: (0.75 credit hour)

Week	Title	Date	Tutor
Week1	Violent asphyxia		
Week2	Violent asphyxia		
Week3	Violent asphyxia		
Week4	Sexual offences		
Week5	Sexual offences		
Week6	ML aspects of pregnancy, delivery and abortion		
Week7	Infanticide		
Week8	Sudden infant death syndrome		
Week9	Medical ethics		
Week10	Basic malpractice		
Week11	Research Ethics		
Week12	Malingering & Insanity		
Week13	Malingering & Insanity		

Injuries and Permanent Infirmities: (0.75 credit hour)

Week	Title	Date	Tutor
Week1	Sport injuries		
Week2	Child abuse		
Week3	Permanent infirmities		
Week4	Permanent infirmities		
Week5	Permanent infirmities		
Week6	Permanent infirmities		
Week7	Thermal injuries		
Week8	Thermal injuries		
Week9	Thermal injuries		
Week10	Thermal injuries		
Week11	Motor vehicle accidents		
Week12	Motor vehicle accidents		

Clinical Toxicology: (2.5 credit hours)

Week	Title	Date	Tutor
Week1	Acetaminophen		
Week2	Salicylates		
Week3	TCAs		
Week4	Anticonvulsants		
Week5	Ethanol & methanol		
Week6	Ethanol & methanol		
Week7	Ethanol & methanol		
Week8	Drug dependence		
Week9	Drug dependence		
Week10	Drug dependence		
Week11	Drug dependence		
Week12	Botulism		
Week13	Botulism		

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

Week	Title	Date	Tutor
Week1			
Week2			
Week3			
Week4			
Week5			
Week6			
Week7			
Week8			
Week9			
Week10			
Week11			
Week12			
Week13			
Week14			
Week15			

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 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

Level of participation	Date	Location	Signature of supervisor





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	



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 Rotation

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	

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 "جامعة المنصورة" (Mansoura University) is written in Arabic at the top, and "FACULTY OF MEDICINE" is written in English at the bottom. The name "MANSSOURA UNIVERSITY" is also visible on the left side 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	Supervisor's signature



Section V

Scientific activities

Signature by: The Head of Department

List of requirements

Conferences			
Total number required	Attendance	Organization	Presentation
2	1	1	1
Workshops			
Total number required	Attendance	Organization	Presentation
2	1	1	1
Training courses			
1	1	-	-

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 set against a red crescent moon. The emblem is encircled by a grey border containing the text 'جامعة المنصورة' (Mansoura University) in Arabic at the top and 'FACULTY OF MEDICINE' in English at the bottom. The text 'MANSOURA UNIVERSITY' is also visible on the left side of the border.

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 credit hour)

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	

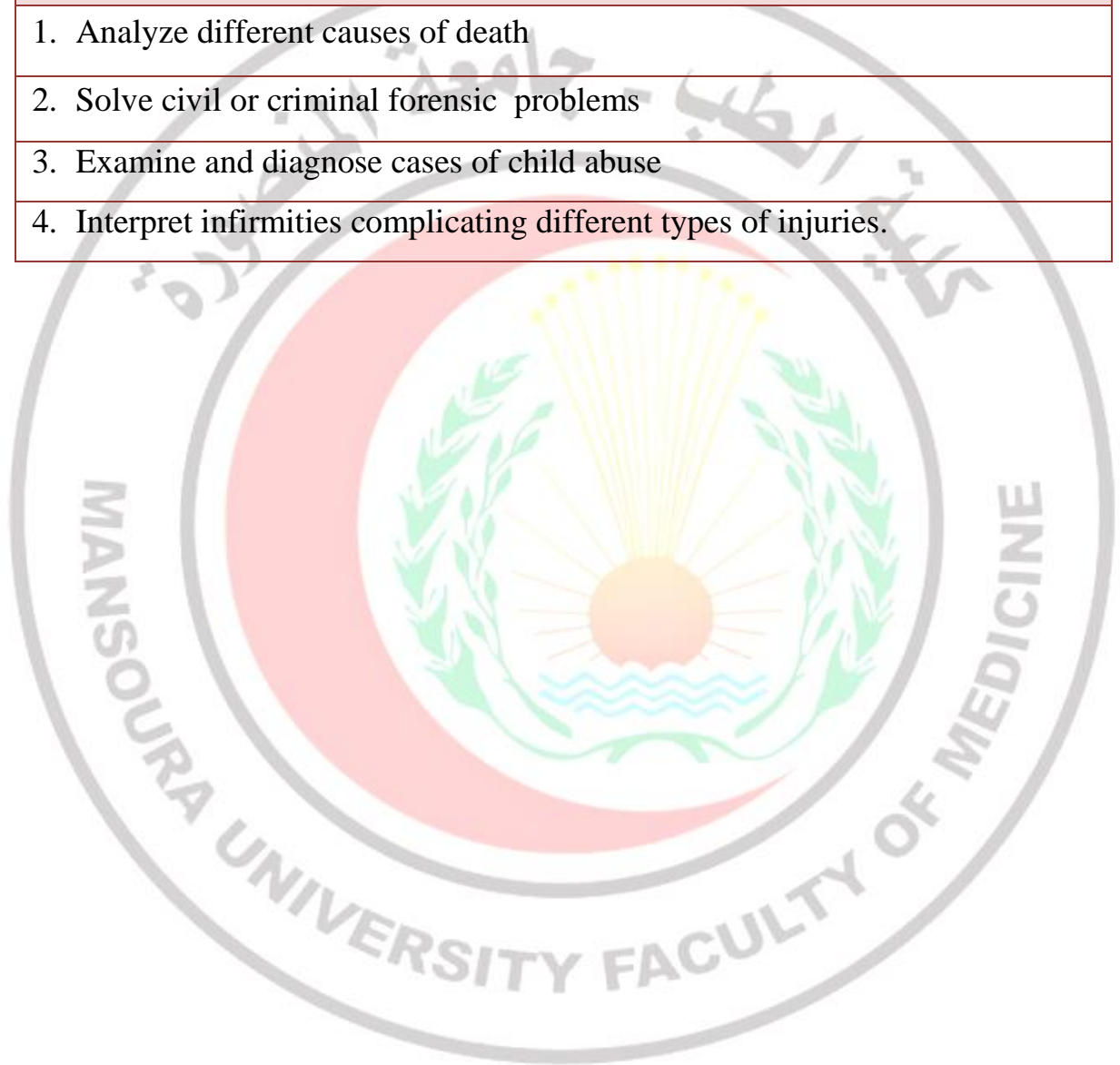
Skill (7): Interpret cases of medical & research ethics problems as well as cases of malpractice

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

Injuries and Permanent Infirmities: (1 credit hour)

List of requirements

Skills
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:

5 autopsy cases and 5 clinical forensic cases

List of requirements

Skills
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

Types of skills	Degree
Participate in postmortem examination in morgue or examination of clinical forensic cases.	1
Write a forensic report	2
Criticize a forensic report.	3

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

C. Toxicological case report (at least 5):

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



Appendix

Program Courses

Second part: Second part (60 weeks duration/15 months)

Course title	المقررات	Course code	Semester II				Semester III				Semester IV			
			Lectures	Practical & clinical	Total credit hours/ week	Total teaching hours	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 519 FM	1.5	0.5	2	37.5	0.75	0.25	15	18.75	0.75	0.25	15	18.75
Injuries and Permanent Infirmities	للإصابات و العاهات المستديمة	FNST 519 MII	1.5	0.5	2	37.5	0.75	0.25	15	18.75	0.75	0.25	15	18.75
Clinical Toxicology	السموم الاكلينيكية	FNST 519 ET	2	1	3	60	2.5	0.5	3	52.5	2.5	0.5	3	52.5
Elective course: •Forensic Radiology •Forensic odontology	المقررات الاختيارية • الأشعة من الوجهة الطبية الشرعية • علم الأسنان من الوجهة الطبية الشرعية	• FNS T 519 FR • FNST 519 FO	---	---	---	---	---	---	---	---	1	---	1	15
Total					6.5	97.5			6.5	97.5			5	75