



## **Logbook of MS of Forensic** ANSOURAUNIVERSI **Medicine & Clinical Toxicology** 04

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## Personal Data

Name:	
Department:	
Mobile Number:	
E-mail Address:	

#### **Master Degree:**

Date of registration: ...../.... ANSOURT UNIVERSIT

Signature:

Head of the Department

Vice Dean for Research and Postgraduate Study

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#### 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 fo<mark>r the final</mark> MS exam :
- 1. A time interval of 36 months must pass since the <u>day of registration to the job</u> for residents and demonstrators and 30 months since the day <u>of degree registration</u> for nonresidents.
- 2. You have to spend <u>a year of daily</u> clinical/practical training in the department or <u>two years with three times/week</u> practical/clinical training.
- 3. You have to register 4 semesters on Ibn lhaythm 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.



## 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.

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## **Section I**

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#### **Student teaching sections**

Signature by: Lecture's chief

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List of requirements: Attendance (20 sections)

Date	Subject	Supervisor's signature	n	Date	subject	Supervisor's signature
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## 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.	1.	
Week 5	Role of ECG in Toxicology.	X	
Week 6	Emergency treatment and Decontamination.	1.4	5
Week 7	Antidotes, Enhanced elimination and symptomatic treatment.		
Week 8	Psychiatric evaluation of poisoned patient.	E.	
Week 9	Pediatric consideration in toxicology.		EN EN
Week 10	Pregnancy consideration in toxicology.	Ň	
Week 11	Geriatric consideration in toxicology.		DI
Week 12	Legal aspects of abused substances and drugs.	1	1E
Week 13	Code of ethics of medical practice	6	5

#### **Analytical Toxicology** (1/2 credit hour)

Samples and sampling Extraction of and detection of neutral drugs Extraction of and detection of acidic drugs Extraction of and detection of alkaline drugs Extraction of and detection of cannabis Postmortem analytical toxicology Color test		
Extraction of and detection of acidic drugs Extraction of and detection of alkaline drugs Extraction of and detection of cannabis Postmortem analytical toxicology		
Extraction of and detection of alkaline drugs Extraction of and detection of cannabis Postmortem analytical toxicology		
Extraction of and detection of cannabis Postmortem analytical toxicology		
Postmortem analytical toxicology		$\left  \right\rangle$
	$\left( \right)$	
Color test		
Extraction of and detection of pesticides		ME
De <mark>tection of d</mark> rugs by immunoassay techniques, UV visible and fluorescence spectrometry	V	CII
Quality control in clinical analysis		Iq
Principles of detection of drugs by HPLC, GC,GCMS techniques		344
Extraction and detection of metals and ions	ó	
	Detection of drugs by immunoassay techniques, UV visible and fluorescence spectrometry Quality control in clinical analysis Principles of detection of drugs by HPLC, GC,GCMS echniques	Detection of drugs by immunoassay techniques, UV         visible and fluorescence spectrometry         Quality control in clinical analysis         Principles of detection of drugs by HPLC, GC,GCMS         echniques         Extraction and detection of metals and ions

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

#### **Forensic Pathology** (1/2 credit hour)

#### Week Title Hours Date Tutor **Identify principles of pathological:** Inflammation • 2 Repair Seminar 1 Necrosis Degeneration Identify principles of pathological: • Infectious diseases • Carcinogenesis Seminar 2 Identify: naked eye and microscopic examination 2 of pathological affection of different organs: Diseases of Cardiovascular system) • Identify: naked eye and microscopic examination of pathological affection of different organs: Diseases of the nervous systems • 2 Seminar 3 Diseases of bone and joints Diseases of gastrointestinal tract, liver & • pancreas) Identify: naked eye and microscopic examination of pathological affection of different organs: Diseases of Female reproduction 2 • Seminar 4 Diseases of respiratory system

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

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#### **Pharmacology** (1 credit hour)

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

Week	Title	Hours	Date	Tutor
Seminar 1	<ul> <li>Harmful effects of drugs:</li> <li>General mechanisms of cell damage and cell death, including hepatoxicity and nephrotoxicity.</li> <li>Mutagenesis, carcinogenesis and teratogenesis.</li> <li>Allergic reactions to drugs.</li> <li>Drug dependence.</li> <li>Drug interactions.</li> <li>Water and electrolytes balance, acidosis and alkalosis.</li> </ul>	2		
Seminar 2	Pharmacokinetics & pharmacodynamics,         General Principles, Kinetics & dynamics of the         poisons and drugs in common use for toxicology         gists as:         • Chemotherapeutic agents.         • Autonomic, cardiovascular	2		SINE
Seminar 3	Pharmacokinetics & pharmacodynamics,         General Principles, Kinetics & dynamics of the         poisons and drugs in common use for toxicology         gists as:         • C.N.S.	2		IQ3II.
Seminar 4	<ul> <li>Pharmacokinetics &amp; pharmacodynamics, General Principles, Kinetics &amp; dynamics of the poisons and drugs in common use for toxicology gists as:</li> <li>Non-therapeutic drugs e.g. Ethanol, nicotine and cannabis.</li> <li>Drug dependence.</li> </ul>	2		

#### **Internal Medicine** (1/2 credit hour)

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

Week	Title	Hours	Date	Tutor
Seminar 1	<ul> <li>Toxic causes, Clinical picture and management of:</li> <li>Acute and chronic renal failure</li> <li>Liver cell failure</li> <li>Heart failure</li> <li>Thyrotoxicosis</li> <li>Anaemia</li> <li>Metabolic encephalopathy</li> </ul>	2		
Seminar 2	Acid base balance Electrolyte disturbance.	2		
Seminar 3	Arrhythmia	2		
Seminar 4	ECG interpretation (normal and abnormal finding)	2		
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# 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	6	5
3. Neuroleptic malignant syndrome	5	18	5
4. Corrosives.	10		10
5. Analgesics.	5		5
6. Cardiotoxic drugs.	5	and a	5
7. Snake bite	5		5
8. Food pois <mark>oning</mark>	5	-0.0	5
9. Botulism.	3	EN	3
10. Acute emergency cases of drug abuse.	5	Y	5
11. CNS depressants.	5	~ ~ ~	5
12. CNS stimulants.	5	ULT	5
13. Gases inhalation.	5		5
14. Alcohols.	3		3
15. Hydrocarbons	2		2

#### Levels of participation:

Туре	of particepation	Degree
	ssment at presentation of v and examination).	1
2. Choosing pro	oper investigations.	2
3. Discussion of senior colleas	f therapy regimen with th gues	ie 3
4. Describing th patient file.	e proper therapy in	4
5. Documentation Sina online p	on of patie <mark>nt's data on Ib</mark> rogram.	n 5
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#### **Clinical case log**

Level of participation	Date	Location	Signature of supervisor
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#### Case 2 .....

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Level of participation	Date	Location	Signature of supervisor

#### Case 3.....

	Level of participation	Date	Location	Signature of supervisor	
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#### Case 10 .....

Level of participation	Date	Location	Signature of supervisor		
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#### Case 11 .....

Level of participation	Date	Location	Signature of supervisor		

#### Case 12.....

Level of participation	Date	Location	Signature of supervisor
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## Case 13 ......

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Level of participation	Date	Location	Signature of supervisor	

Case 15 .....

Level of participation	Date	Location	Signature of supervisor				
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## **Section IV** MANSOURAUN **Clinical shifts**

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Signature by: The Lecturer

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

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### Evaluation of Clinical Shift Performance Signature by: direct supervisor of each <u>week</u> and by unit director <u>monthly</u>

	Leve	As	sessme	nt	Direct	Unit		
Date	Observation	Assistance	Independence	Poor	Fair	Good	supervisor of each week	director's signature
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	6					-	/w	
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## Section V Toxicology Lab Shifts

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**Signature by: The Lecturer** 

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

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

n	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature
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n	Date/Day	Lecturer`s signature	n	Date/Day	Lecturer`s signature
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#### **Evaluation of Lab Shifts Performance**

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

and to

	Leve	l of perfor	mance	Ass	sessm	ent 🍐	Technical	Quality	Executive
Date	Observation	Assistance	Independence	Poor	Fair	Good	director's signature	director's signature	director's signature
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## Section VI Seminars

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Signature by: The Head of Department

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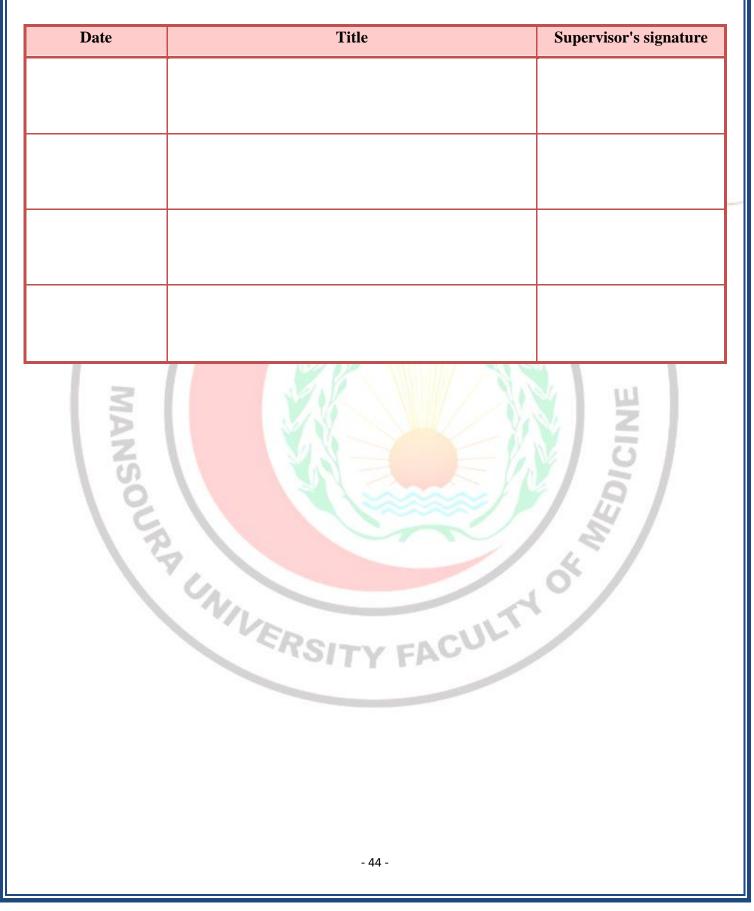
List of requirements:

- 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:



## **Section VII: Scientific activities**

**Signature by: The Head of Department** UNIVERSI

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#### **List of requirements**

Conferences							
Total number requiredAttendanceOrganizationPresentation							
1	1	·	-				
Workshops							

#### Especially for emergency cases in skill lab

Total number required	Attendance	Organization	Presentation
1	1		-

Training courses (Advanced life support)

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#### 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
	<b>`</b>	
	Training courses	
Date	Training courses Activity	Supervisor
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## Section VIII Practical Skills & Field

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# training of

Signature by:

Toxicology Unit Director The Head of Department

	Practical I	Laboratory Training	of Foren	isic Chemi	<mark>stry</mark> (1/2
		List of requ	irements		
		Skills	Total number required	No. of cases to carry out under supervision	No. of cases to plan and carry out
		Neutral drugs	2	1	1
1.	Extract and	Acidic drugs	2	1	1
	detect different	Alkaline drugs	2	1	1
	drugs and substances by	Opiates and tramadol	2	1	1
	TLC	Cannabis	2	1	Ш1
	Þ	Pesticides	2	1	Ζ1
2.	Perform quality	control charts	2	- 1	01
3.	Detect drugs by	immunoassay techniques	20	5	15
	5	Soft wear analysis	4	2	2
	12	Injection of samples	4	2	2
4.	Detect of drugs by	Perform standard calibration curve	4	20	2
	HPLC	Qualitative analysis	4	2	2
	techniques	Perform quantitative analysis	FP4CV	2	2
		Interpretation of chromatograms	4	2	2

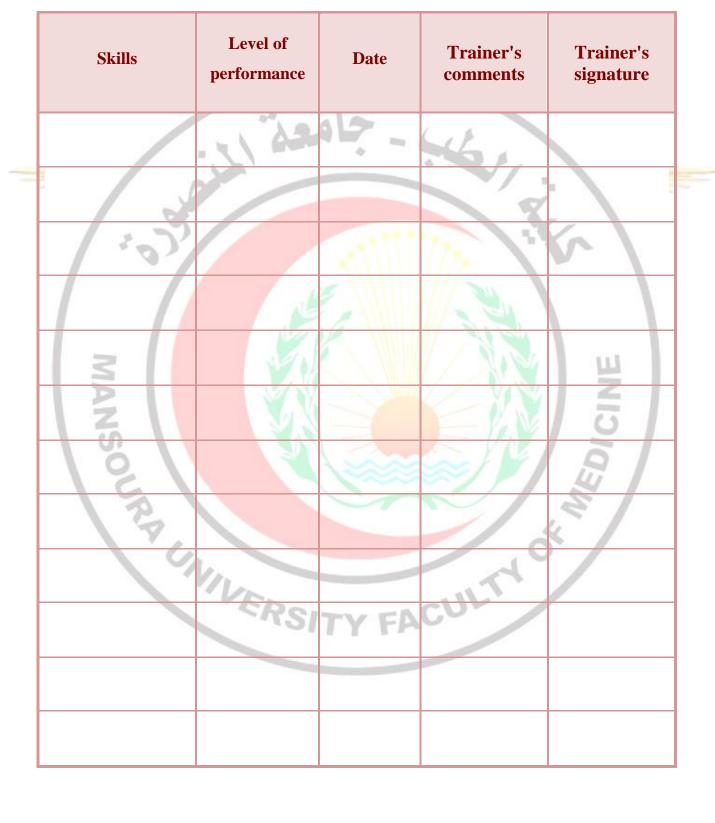
#### Levels of skill

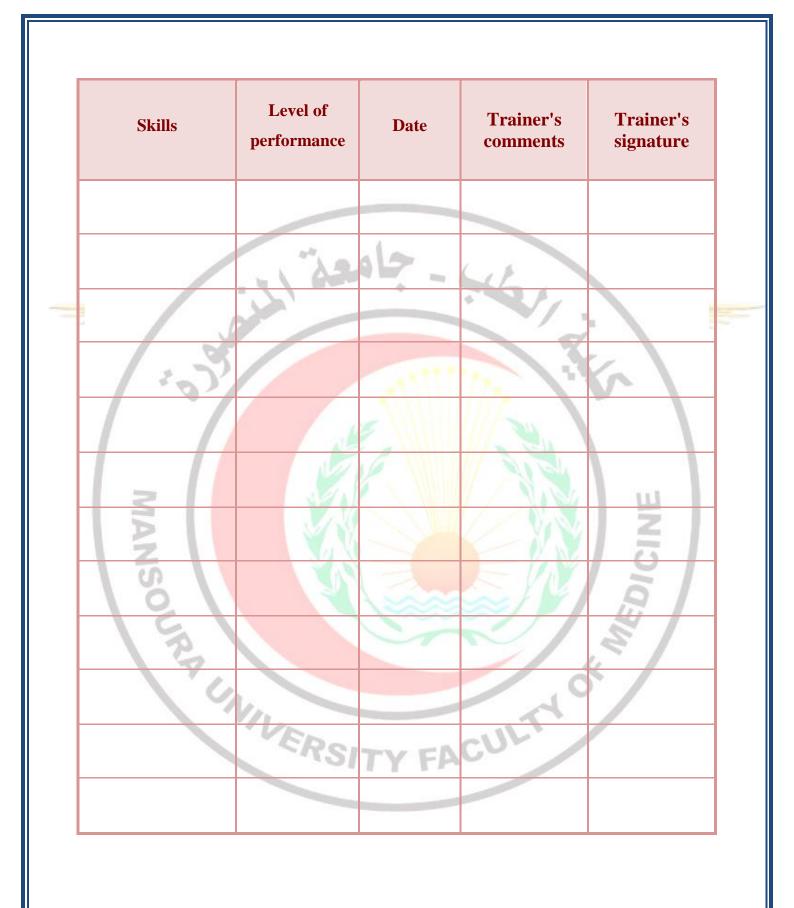
Type of skill	Degree
1. Correctly extract drugs	1
2. Detect drugs by immunoassay	2
3. Correctly detect drugs and substances by TLC	3
4. Deals with trouble shots in analysis by instruments.	4
5. Interpret control charts.	5

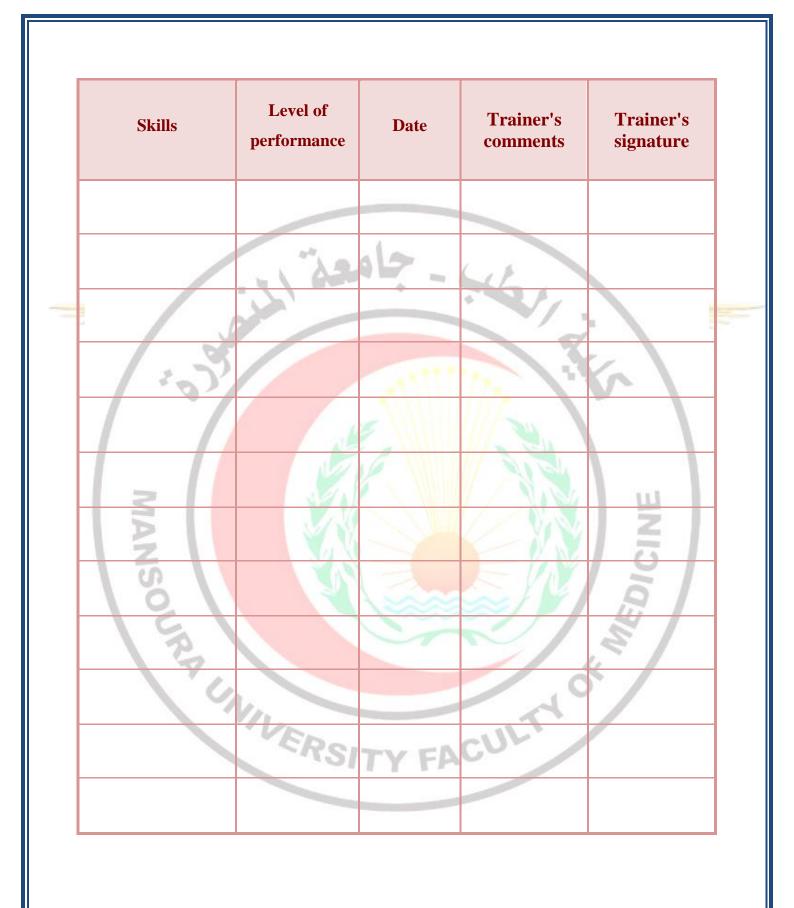


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#### Forensic chemistry case log







## Trainer's Skills Date **Trainer's Remarks** signature 21/2 RSITY FACULT - 55 -

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

## Trainer's Skills **Trainer's Remarks** Date signature 21/2 RSITY FACULT - 56 -

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

### Appendix

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# Program Courses

a- Compu	lsory cours	ses:					
Course title	المقررات	Course code	Theoretical Lectures		Total		eaching ours
General toxicology	السموم العامة	22	· .	Practical	/ week	Lecture	Practical
Regulating laws of drugs & toxins	المبادئ المنظمة للجواهر المخدرة و السموم	FNST 519 GT				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	<mark>0.</mark> 5	25	7.5	15
Clinical pharmacology	الفارماكولوجيا اللأكلينيكية	FNST 506	1	N.V.		15	loll
Medicine	أمراض الباطنة	FNST 510	0.5	0.5	1	7.5	<b>1</b> 5
Total					5	52.5	45
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#### First part (20 weeks duration/5 months)

#### Contents of Second Part

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Section I: Student teaching sections.
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Section IV: Clinical rotation.
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Section VI: Seminars.
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Appendix: Program courses.

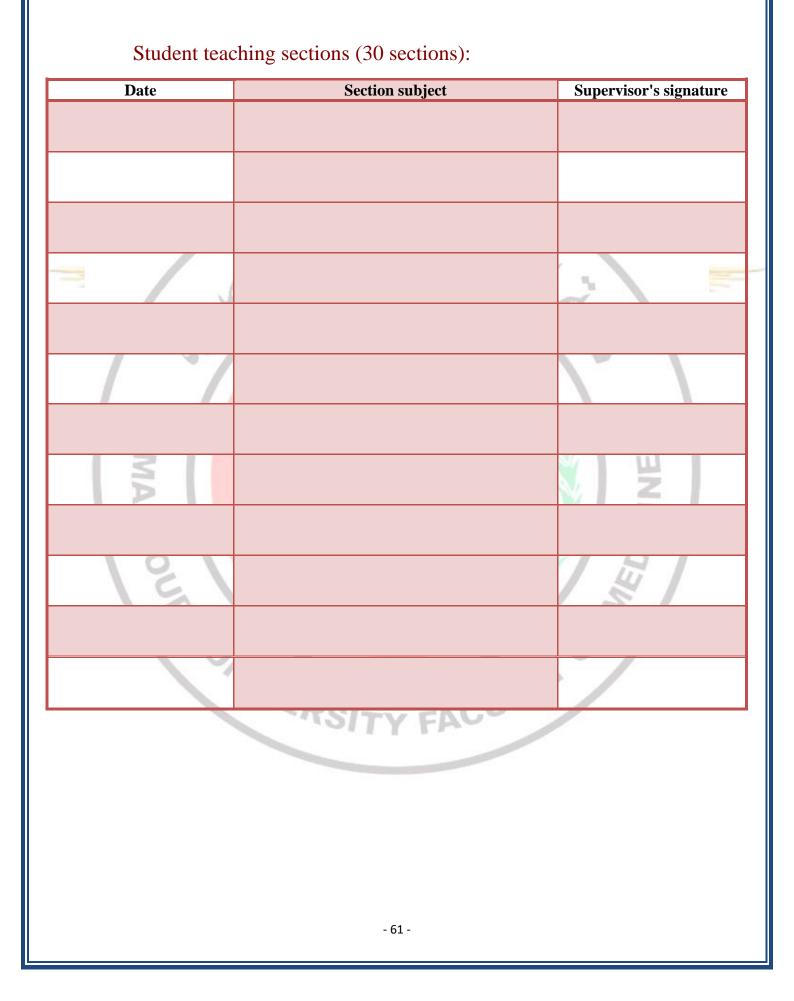
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## Section I **Student teaching** MANSOURA sections

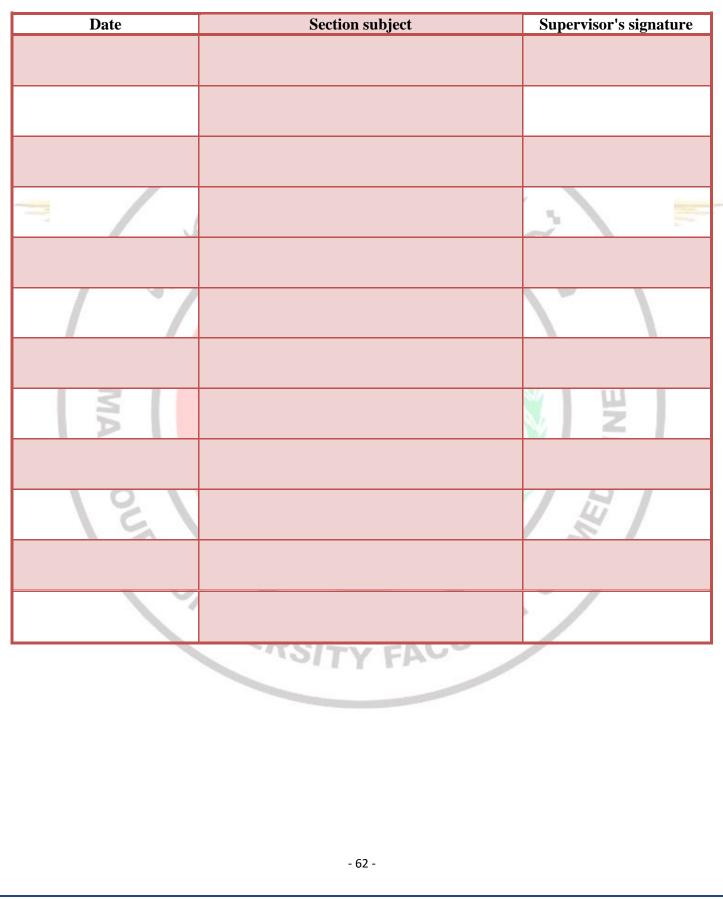
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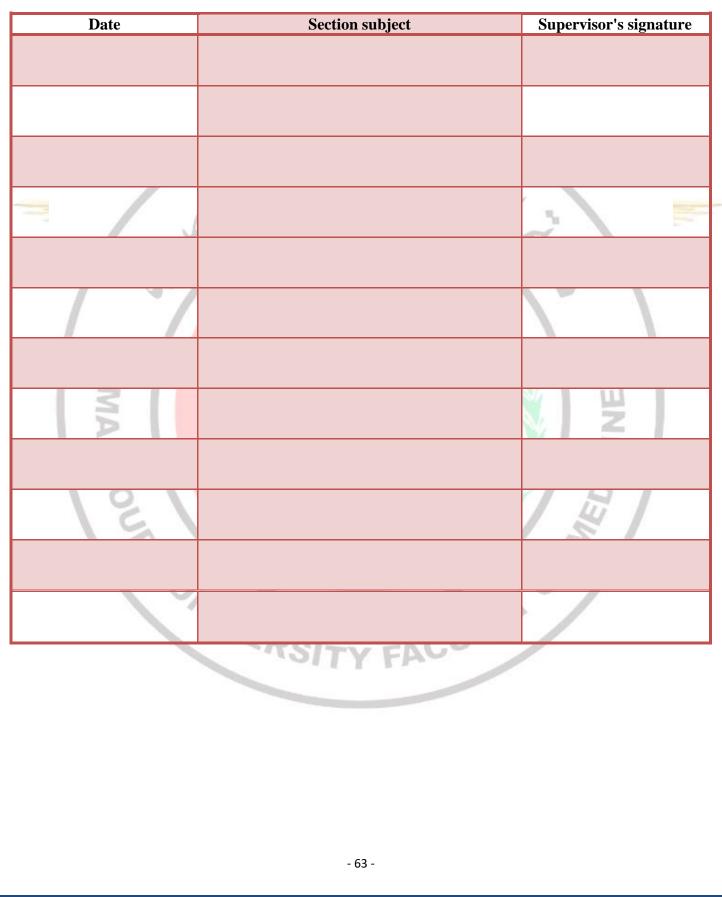
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#### Student teaching sections:



#### Student teaching sections:



## Section II Scientific Lectures

#### Semester II

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

#### Forensic Medicine and Medical Responsibilities: (1.5 credit

hours)	"inala		
Week	Title	Date	Tutor
Week1	Death & postmortem changes		
Week2	Death & postmortem changes		
Week3	Death & postmortem changes	1.	N.
Week4	Sudden natural death	1	
Week5	Sudden death in athletes	NIG	
Week6	Medicolegal autopsy		¥ 4
Week7	Medicolegal autopsy		
Week8	Artifacts in autopsy	=h	Ĩ
Week9	Negative autopsy	Z/	1
Week10	Organ transplantation	//	4
Week11	Organ transplantation	~	0.
Week12	PM chemistry	ULT	
Week13	PM chemistry		

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

Week	Title	Date	Tutor
Week1	Wounds		
Week2	Wounds		
Week3	Wounds	LL.	
Week4	Wounds		1.
Week5	Wounds		S.
Week6	Permanent infirmities	12.	N.
Week7	Permanent infirmities	1/ 20.	
Week8	Perman <mark>ent infirm</mark> ities	1	
Week9	Perma <mark>nent infir</mark> mities	1	¥ 4
Week10	Regional Injuries		
Week11	Regional Injuries	E VI	1 6
Week12	Regional Injuries		14

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

Week	Title	Date	Tutor
Week1	General toxicology		
Week2	General toxicology		
Week3	General toxicology	16	
Week4	General toxicology		1 5
Week5	General toxicology		
Week6	General toxicology	W/A	<u></u>
Week7	Corrosives	1/2	
Week8	Corrosi <mark>ves</mark>		
Week9	Corros <mark>ives</mark>		V Z
Week10	Irritants	E	9
Week11	Irritants		18
Week12	Irritants		N. N.
Week13	Snake bite and scorpion sting		ő /
Week14	Snake bite and scorpion sting	. ILT	

#### **Semester III**

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

#### Forensic Medicine and Medical Responsibilities: (0.75 credit

hour)

Week	Title	Date	Tutor
Week1	Euthanasia		. /
Week2	Identification	18	$\sim$
Week3	Identification		S I
Week4	Identification		
Week5	Identification		
Week6	Ma <mark>ss disaste</mark> r		Ш
Week7	Mass disaster		IE
Week8	Mass disaster		1 Z
Week9	DNA analysis		H
Week10	DNA analysis		5
Week11	ML of Blood stains	~	5 /
Week12	ML of Blood stains	CULT	/

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

Week2 F Week3 F Week4 F Week5 F	Firearm injuries Firearm injuries Firearm injuries Firearm injuries		
Week3 F Week4 F Week5 F	Firearm injuries Firearm injuries Firearm injuries		
Week4 F Week5 F	irearm injuries		s'
Week5 F	irearm injuries		
Week6			180
	lead injuries		
Week7	lead injuries		
Week8	lead injuries	1/2	<u> </u>
Week9 P	ermanent infirmities	1	2
Week10 P	Permanent infirmities	El	
Week11 P	ermane <mark>nt infirmi</mark> ties		12
Week12 P	ermanent infirmities		N.S.

#### **Clinical Toxicology:** (2.5 credit hours)

Week	Title	Date	Tutor
Week1	Toxic gases		
Week2	Toxic gases		
Week3	Toxic gases	4	
Week4	Toxic gases		
Week5	Toxic gases		$\sim$
Week6	Household products		N I
Week7	Household products		
Week8	Household products	AN CH	
Week9	Insecticides and Rodenticides		1 4
Week10	Insecticides and Rodenticides		15
Week11	Insecticides and Rodenticides	EVE	ă
Week12	Insecticides and Rodenticides		4
Week13	Toxic alkaloids		51
Week14	Toxic alkaloids	1	

#### **Semester IV**

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

#### Forensic Medicine and Medical Responsibilities: (0.75 credit

hour)

our)	"inda		
Week	Title	Date	Tutor
Week1	Violent asphyxia		. \
Week2	Violent asphyxia		$\sim$
Week3	Violent asphyxia		$\sim 1$
Week4	Sexual offences		
Week5	Sexual offences	1	
Week6	ML aspects of pregnancy, delivery and abortion		INE
Week7	Infanticide	EV	2
Week8	Sudden infant death syndrome	97	4
Week9	Medical ethics		S
Week10	Basic malpractice		5/
Week11	Research Ethics	ILT	
Week12	Malingering & Insanity		
Week13	Malingering & Insanity		

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

Week	Title	Date	Tutor
Week1	Sport injuries		
Week2	Child abuse	4	
Week3	Permanent infirmities		
Week4	Permanent infirmities		51
Week5	Permanent infirmities		
Week6	Permanent infirmities		ш
Week7	Thermal injuries		CIN
Week8	Thermal injuries		EDI
Week9	Thermal injuries		IN J
Week10	Thermal injuries		
Week11	Motor vehicle accidents	00	
Week12	Motor vehicle accidents		

### **Clinical Toxicology:** (2.5 credit hours)

Week	Title	Date	Tutor
Week1	Acetaminophen		
Week2	Salicylates		
Week3	TCAs	6	
Week4	Anticonvulsants		
Week5	Ethanol & methanol		$\sim$
Week6	Ethanol & methanol		S I
Week7	Ethanol & methanol		
Week8	Drug dependence	ALC.	
Week9	Dru <mark>g depend</mark> ence		ų
Week10	Drug dependence		15
Week11	Drug dependence	ER	ā
Week12	Botulism		4
Week13	Botulism		51

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

Week	Title	Date	Tutor
Week1			
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Week3	المحامدة الم		
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Week7			
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Week11		=	10
Week12			2
Week13	0		8
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Week15	VER	1 T	

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

على أن يختار الطالب مقرر اختياري واحد.

## Section III:

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# Clinical Cases

## 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
6. Cardiotoxic drugs.	5	5	
7. Snake bite	5	5	
8. Food poisoning	5	5	
9. Botulism.	3	3	۳.
10. Acute emergency cases of drug abuse.	5	5	
11. CNS depressants.	5	5	E
12. CNS stimulants.	5	5	51
13. Gases inhalation.	5	5 0	5
14. Alcohols.	3	3	
15. Hydrocarbons	Y 2 A	2	

### Levels of participation:

	Type of particepation	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
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### **Clinical case log**

Level of participation	Date	Location	Signature of supervisor
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### Case 2 .....

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Level of participation	Date	Location	Signature of supervisor

## Case 3.....

	Level of participation	Date	Location	Signature of supervisor	
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Level of participation	Date	Location	Signature of supervisor
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### Case 5..... • • • • • • • • • •

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Case 6.

Level of participation	Date	Location	Signature of supervisor
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### Case 7.....

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## Case 8

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Level of participation	Date	Location	Signature of supervisor
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## Case 10 .....

Level of participation	Date	Location	Signature of supervisor
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## Case 11 .....

Level of participation	tion Date Location		Signature of supervisor

### Case 12.....

Level of participation	Date	Location	Signature of supervisor
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## Case 13 ......

Level of participation	Date	Location	Signature of supervisor
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Level of participation	Date	Location	Signature of supervisor	



## Section IV Clinical Shifts

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## **Signature by: The Lecturer**

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

	Data /Da	Ti	me	Lecturer`s		Dete/De	Tir	ne	Lecturer`s
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## Evaluation of Clinical Shifts Performance Signature by: direct supervisor of each <u>week</u> and by unit director <u>weekly</u>

	Level	of perfor	mance	A	ssessme	ent	Direct	Unit
Date	Observation	Assistance	Independence	Poor	Fair	Good	supervisor of each week	director's signature
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## **Section V**

## **Toxicology Lab Rotation**

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## **Signature by: The Lecturer**

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

	Time		me	Lecturer`s			Tin	ne	Lecturer`s		
n	Date/Day	8am-8pm	8pm-8am	signature	n	Date/Day	8am-8pm	8pm- 8am	signature		
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	Time		me	Lecturer`s			Tin	ne	Lecturer`s		
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		Ti	me	Lecturer`s			Time		Lecturer`s
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	- 101 -								

## **Evaluation of Lab Shifts Performance**

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

	Leve	l of perform	mance	Ass	sessm	ent	Technical	Quality	Executive
Date							director's	director's	director's
	Observation	Assistance	Independence	Poor	Fair	Good	signature	signature	signature
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## **Evaluation of Lab Rotation Performance**

## Signature by: technical & executive lab director monthly

	Level	of perfor	mance	A	ssessme	nt	Technical	Executive
Date	Observation	Assistance	Independence	Poor	Fair	Good	director's signature	lab director
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## Section IV

## Seminars (each semester): Ance: 8 mance: 2

List of requirements (each semester):

1- Seminar attendance: 8

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2- Seminar performance: 2

## Seminar attendance:

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

## Seminar attendance:

No.	Date	Title	Supervisor's Signature
1.			
2.			
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## Seminar attendance:

No.	Date	Title	Supervisor's Signature
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## Seminar performance:

Date	Title	Supervisor's signature
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## **Section** V Scientific activities PAUNIVERSI

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Signature by: The Head of Department

#### **List of requirements**

	Conferen	ces	
Total number required	Attendance	Organization	Presentation
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	Worksho	ps	; \
Total number required	Attendance	Organization	Presentatio
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#### Scientific activities: (thesis discussion (at least 2), conference and workshop)

Thesis discussion						
Date	Activity	Supervisor				
		_				
	- 111 -					

<b>Conference</b> Activity	Supervisor
	Supervisor
Workshop	•
Activity	Supervisor
Training courses	
Activity	Supervisor
- 112 -	
	Activity  Training courses Activity

### **Section VI Practical Skills & Field**

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# 

**The Head of Department** 

#### . Practical and clinical skills

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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.

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#### 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

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#### **Forensic Medicine and Medical Responsibilities Practical** skills assessment log Skill (1): Analyze different causes of death **Trainee's assessment Trainer's** Date signature Fair Good Poor **Skill (2):** Solve civil or criminal forensic problems **Trainee's assessment Trainer's** Date signature Poor Fair Good - 116 -

Date	Trainee's assessment			Trainer's
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#### Skill (4): Interpret DNA analysis results

Date	Trainee's assessment			Trainer's
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### Skill (5): Analyze different forensic scene evidences

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

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

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

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Date	1	Trainee's assessment		
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#### **Skill (3):** Examine and diagnose cases of child abuse

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

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#### **B.** Forensic Cases in Forensic Medicine Authority:

#### 5 autopsy cases and 5 clinical forensic cases

#### List of requirements

Participate in medicolegal autopsy.					
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	R N				
Types of skills	Degree				
	MED				
Vrite a forensic report	<b>x</b> 2				
criticize a forensic report.	3				
	Analyze different causes of death Solve civil or criminal forensic problems Estimate postmortem interval Examine and diagnose cases of sexual offences Examine and diagnose cases of child abuse Levels of skill Types of skills articipate in postmortem examination in morgue or xamination of clinical forensic cases. Vrite a forensic report				

#### **Forensic cases log**

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

Case 1 .....

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Case 2				

Skills	Level of performance	Date	Trainer's comments	Trainer's signature
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Case 3	
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#### Case 4 .....

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Case 7 .....

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#### Case 8.....

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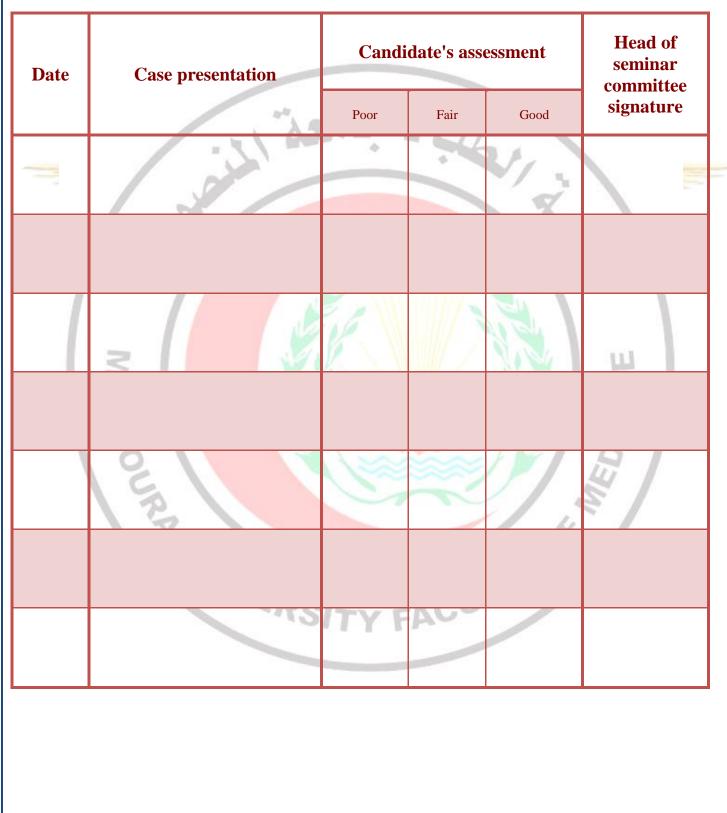
Case 9 .....

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#### Case 10 .....

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#### **C. Toxicological case report** (at least 5):



# Appendix Program Courses Appendix

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

	المقررا ت	Course code	Semester II			Semester III			Semester IV					
Course title			Lectur es	Practic al & clinical	Total credi t hour s/ week	Total teachi ng hours	Lectur es	Practic al	Total credi t hour s/ week	Total teachi ng hours	Lectur es	Practic al	Total credi t hour s/ week	Total teachi ng hours
Forensic Medicine & Medicolegal Responsibilit ies	الطب الشرعي و المسؤول ية 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	للإصابا ت و العاهات المستدي مة	FNST 519 Mil	1.5	0.5	2	37.5	0.75	0.25	15	18.75	0.75	0.25	15	18.75
Clinical Toxicology	السموم الاكلينيك ية	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 odentology	المقررات الاختيارية • الأشعة من الوجهة الطبية • علم الاسنان الوجهة الطبية الشرعية	• FNS T 519 FR • FNST 519 FO		<u>F</u>			T F	A	5	/ T. /	No-	4.	1	15
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