

Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY for MEDICALS & APPLIED
SCIENCES



Faculty of Medicine

Bachelor Program of Medicine and Surgery

Course Specification of

Forensic Medicine & Clinical Toxicology

Course Code. (A21P414)

2023



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

Prepared by:	Reviewed by:	Head of department	Quality Unit:	Dean of Medicine Faculty	Center of Development and Quality Assurance Dean
Assoc. Prof. Hassan AL-Mahbashi	Prof. Nabil Al-hamadi		Dr. Fadhl Shujaa Al-deen	Dr. Salwa Al-Ghomeri	

I. General Information:

1.	Course Title:	Forensic & Clinical Toxicology				
2.	Course Code:	A21P414				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/ Seminar	Lab	Clinical
		3	2	--	--	3
4.	Level/ Semester at which this Course is offered:	4 th Level / 1 st Semester				
5.	Pre –Requisite (if any):	All systems				
6.	Co –Requisite (if any):	-----				
7.	Program (s) in which the Course is Offered:	Bachelor of Medicine and Surgery				
8.	Language of Teaching the Course:	English				
9.	Location of Teaching the Course:	Faculty of Medicine				
10.	Prepared by:	Dr. Hassan Al-Mahbashi				
١١	Date and Number of Approval by Council:	2023				

II. Course Description:

This course will provide students by a basic knowledge of different medico-legal aspects of living and dead individuals. To provide the student with the knowledge of types, actions, clinical features, circumstances, diagnosis, detection, and management of poisoning which operate on the human body.

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III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs		
A. Knowledge and Understanding:		I, P or M/A		
a1	Explain initial appropriate first aid treatment and antidotal measure for most drugs and toxic substances in our society.	M	A1	Describe the general and basic sciences related to human body structure and functions with emphasis on normal and abnormal conditions.
a2	Recognize different medico-legal aspects of living and dead individuals regarding personal identification, diagnosis of death and brain death, causes and manner of death, wounds and patterns in different areas and their complications.	M	A4	Recognize the local and international guidelines, ethics, disease management, prevention and other risk factors that affect community health.
B. Intellectual Skills:				
b1	Interpret case scenario of clinical forensic medicine and recognize their medico-legal aspects.	A	B1	Compare between normal and abnormal conditions and predict the appropriate treatment or intervention.
b2	Interpret and analyze clinical findings which is necessary for recognizing, defining and prioritizing management plans for common toxic substances and drugs of abuse.	A	B2	Analyze and interpret the finding from history, clinical examination and investigations to propose a diagnosis and develop a shared management plan for common acute, chronic and urgent physical and mental health presentations.

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C. Professional and Practical Skills:				
c1	Classify different causes, mechanisms and manners of death.	P	C1	Perform complete clinical examination and precise investigations to reach the final diagnosis
c2	Examine different wounds and injuries and write a proper primary wound report.	P	C2	Prescribe appropriate drugs taking in mind the benefits, side effects, interactions, safety and availability.
c3	Formulate a management plan for acute emergencies associated with common toxic substances and drugs of abuse	P	C3	Carry out routine medical procedure and demonstrate the ability of using common medical tools required for diagnosis and management with highly qualified competency.
D. Transferable Skills:				
d1	Respect all interactions with patients, families, colleagues and others with whom the physician must interact in their professional life.	I	D3	Respect the different cultural beliefs, ethics, personalities, privacy and values for patients and community with a good behavior and follow the institutional and national roles of medical practice
d2	Consider the resources of biomedical information including the available electronic facilities to update his/her knowledge and to manage and manipulate information.	I	D2	Work individually or in a team and develop lifelong learning using up to date technology that help in understanding the diseases and its control and prevention.
I= Introduced, P=Practiced or M/A= Mastered/Advanced				

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(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1 Explain initial appropriate first aid treatment and antidotal measure for most drugs and toxic substances in our society.	<ul style="list-style-type: none"> Interactive lectures Discussion 	<ul style="list-style-type: none"> Written exam (mid and final terms and quizzes)
a2 Recognize different medico-legal aspects of living and dead individuals regarding personal identification, diagnosis of death and brain death, causes and manner of death, wounds and patterns in different areas and their complications.	<ul style="list-style-type: none"> Interactive lectures Discussion 	<ul style="list-style-type: none"> Written exam (mid and final terms and quizzes) Assignments

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1 Interpret case scenario of clinical forensic medicine and recognize their medico-legal aspects.	<ul style="list-style-type: none"> Interactive lectures Discussion Case studies 	<ul style="list-style-type: none"> Written exam (mid and final terms and quizzes) Assignments Clinical exam
b2 Interpret and analyze clinical findings which is necessary for recognizing, defining and prioritizing management plans for common toxic substances and drugs of abuse.	<ul style="list-style-type: none"> Interactive lectures Discussion Case studies 	<ul style="list-style-type: none"> Written exam (mid and final terms) Clinical exam Assignments

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

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Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
c1	Classify different causes, mechanisms and manners of death.	<ul style="list-style-type: none"> Discussion Training Case studies 	<ul style="list-style-type: none"> Clinical exam Assignments
c2	Examine different wounds and injuries and write a proper primary wound report.	<ul style="list-style-type: none"> Discussion Training Case studies 	<ul style="list-style-type: none"> Clinical exam
C3	Formulate a management plan for acute emergencies associated with common toxic substances and drugs of abuse	<ul style="list-style-type: none"> Discussion Training Case studies 	<ul style="list-style-type: none"> Clinical exam
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
d1	Respect all interactions with patients, families, colleagues and others with whom the physician must interact in their professional life.	<ul style="list-style-type: none"> Discussion Presentation Case studies 	<ul style="list-style-type: none"> Oral desiccation Assignments
d2	Consider the resources of biomedical information including the available electronic facilities to update his/her knowledge and to manage and manipulate information.	<ul style="list-style-type: none"> Discussion Presentation Case studies 	<ul style="list-style-type: none"> Oral desiccation Assignments

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		1-Forensic Medicine			
1	General Forensic terminology	<ul style="list-style-type: none"> - Forensic medicine and science - Autopsy ,evidence - Toxicology ,poison ,poisoning - ... 	1 st	1	a1, b1
2	Death	<ul style="list-style-type: none"> - Definition ,diagnosis brain death - Mechanism ,mode and manner of death - Death certificate - Medico logical deaths and their handling - Time of death and postmortem changes 		2	a2, b1
3	Unexpected and sudden natural death	Unexpected and sudden natural death		1	a2, b1
4	Wounds	<ul style="list-style-type: none"> - Definition and types - Doctor duty in wounds cases classification mechanism of death from wounds 		2	a2
5	Regional injuries	<ul style="list-style-type: none"> - Head ,neck - Chest and abdomen 		1	a2
6	Thermal injuries	<ul style="list-style-type: none"> - Heat ,cold and electricity 		1	a2
7	Violent Asphyxia	<ul style="list-style-type: none"> - Classical signs - Types immersion and drowning 		1	a2, b1
8	Sexual Offences	<ul style="list-style-type: none"> - Rape ,indecent assault and homosexual offences 		1	a2, b1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
9	Death and injury in infants	– Death and injury in infants		1	a2, b1
10	Pregnancy ,delivery and abortion	– Pregnancy ,delivery and abortion		1	a2, b1, d1
11	Abuse	– Child and female abuse		1	a2, b1, d1
١٢	Malpractice	– Malpractice		1	a2, b1, d1
		2- Toxicology			
١٣	General toxicology	– Classification – Factors modifying poison action – Diagnosis of poisoning		1	a1, b2, d2
١٤	First aid of poison management	– ABC – Decontamination – Elimination – Antidote		2	a1, b2, d2
١٥	Corrosive	– Strong acid – Strong base	2 nd	1	a1, b2, d2
16	House hold poison	– Oxalic acid ,carbolic acid ,acetic acid , detergent		١	a1, b2, d2
١٧	Heavy metals	– Lead , arsenic , iron		1	a1, b2, d2
18	Pesticides	– Insecticides, rodenticides ,fungicides ..etc		2	a1, b2, d2
19	Asphyxiant	– Carbon mono oxide – Cyanide		1	a1, b2, d2

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
20	Medicinal poison	– Analgesic – Sedative and hypnotic		1	a1, b2, d2
21	Animal poisoning	– Snake bite – Scorpion		1	a1, b2, d2
22	Alcohols, narcotics and drug abuse	– Ethanol ,methanol – Drug dependence – Opium ,cocaine , codeine ,cannabis		3	a1, b2, d2
23	Final Written Exam		16 th	2	a1,a2,b1 b2
Number of Weeks /and Units Per Semester			2W	30	

B. Practical Aspect (Clinical):

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Extraction of poisons from biological samples	1 st	3	b1, b2, d2
2	Identification of corrosive		3	b1, b2, d2
3	Identification of metallic poisons		3	b1, b2, d2
4	Identification of sedative and hypnotic drugs		3	b1, b2,c3, d2
5	Identification of analgesic drugs		3	b1, b2,c3, d2
6	Identification of narcotics and abused drugs		3	b1, b2,c3, d2
7	Type of wounds		3	c1, c2, d1, d2

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
8	Head and Firearm injuries		3	c1, c2, d1, d2
9	Death and postmortem changes		3	b1, c1, c3, d1, d2
10	Sudden death		3	b1, c1, c3, d1, d2
11	Sudden infant death syndrome		3	b1, c1, d1, d2
12	Final Clinical Exam	15 th	3	b1, b2, c1, c2, c3, d1, d2
Number of Weeks /and Units Per Semester		2W	36	

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Identification of metallic poisons	1 st	5	a2, b1, b2, d2
2	Detection of death's signs	2 nd	5	a2, b1, c1, d1, d2
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	1-2 nd	10	10%	a2, b1, b2, c1,

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No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
					d1, d2
2	Oral desiccation	2nd	10	10%	d1,d2
3	Final Clinical Exam	15 th	30	30%	b1, b2, c1, c2,c3, d1, d2
4	Final Written Exam	16 th	50	50%	a1,a2,b1 b2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s):

- 1- Curtis D. Klaassen Casarett and Doull's (2013). Toxicology: The Basic Science of Poisons, 8th Ed. (ISBN: 978-0071769235)
- 2- Rajesh Bardale, Principles of Forensic Medicine and Toxicology (2011), ISBN 978-93-5025-493-6 © 2011, Jaypee Brothers Medical Publishers

2- Essential References:

- 1- Forensic medicine encyclopedia.
- 2- Dominik Dimayo: Forensic pathology (Practical Aspects of Criminal and Forensic Investigations), 2nd ed, 2001.
- 3- Lewis S. Nelson, Neal A. Lewin, Mary Ann Howland, Robert S. Hoffman, Lewis R. Goldfrank, Neal E. Flomenbaum GoldFrank's Toxicological Emergency, Ninth Edition, 2010.

3- Electronic Materials and Web Sites etc.:

Websites:

- 1- www.forensicmed.co.uk/www.
- 2- medlib.med.utah.edu/webpath/
- 3- www.dundee.ac.uk/
- 4- facmedden/bmscwww.emedicine.com
- 5- www.pubmed.com

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X. Course Policies: (Based on the Uniform Students' By law (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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Faculty of Medicine

Program of Medicine

Bachelor of Medicine and Surgery

Course Plan (Syllabus) of

Forensic Medicine & Clinical Toxicology

Course Code. (A21P414)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:	----						
E-mail:	--@--	SAT	SUN	MON	TUE	WED	THU

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II. Course Identification and General Information:

Course Title:	Forensic & Clinical Toxicology				
Course Code:	A21P414				
Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	Clinical
		Lecture	Tutorial/Seminar	Lab	
	3	2	--	--	
Level/ Semester at which this Course is offered:	4th Level / 1st Semester				
Pre -Requisite (if any):	All systems				
Co -Requisite (if any):	-----				
Program (s) in which the Course is Offered:	Bachelor of Medicine and Surgery				
Language of Teaching the Course:	English				
Location of Teaching the Course:	Faculty of Medicine				
Prepared by:	Dr. Hassan Al-Mahbashi				
١١ Date and Number of Approval by Council:	2023				

III. Course Description:

This course will provide students by a basic knowledge of different medico-legal aspects of living and dead individuals. To provide the student with the knowledge of types, actions, clinical features, circumstances, diagnosis, detection, and management of poisoning which operate on the

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human body.

IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Explain initial appropriate first aid treatment and antidotal measure for most drugs and toxic substances in our society.
a2	Recognize different medico-legal aspects of living and dead individuals regarding personal identification, diagnosis of death and brain death, causes and manner of death, wounds and patterns in different areas and their complications.
B. Intellectual Skills:	
b1	Interpret case scenario of clinical forensic medicine and recognize their medico-legal aspects.
b2	Interpret and analyze clinical findings which is necessary for recognizing, defining and prioritizing management plans for common toxic substances and drugs of abuse.
C. Professional and Practical Skills:	
c1	Classify different causes, mechanisms and manners of death.
c2	Examine different wounds and injuries and write a proper primary wound report.
c3	Formulate a management plan for acute emergencies associated with common toxic substances and drugs of abuse
D. Transferable Skills:	
d1	Respect all interactions with patients, families, colleagues and others with whom the

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physician must interact in their professional life.

d2 Consider the resources of biomedical information including the available electronic facilities to update his/her knowledge and to manage and manipulate information.

I= Introduced, P=Practiced or M/A= Mastered/Advanced

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		1-Forensic Medicine		
1	General Forensic terminology	<ul style="list-style-type: none"> - Forensic medicine and science - Autopsy ,evidence - Toxicology ,poison ,poisoning - ... 	1st	1
2	Death	<ul style="list-style-type: none"> - Definition ,diagnosis brain death - Mechanism ,mode and manner of death - Death certificate - Medico logical deaths and their handling - Time of death and postmortem changes 		2
3	Unexpected and sudden natural death	<ul style="list-style-type: none"> - Unexpected and sudden natural death 		1
4	Wounds	<ul style="list-style-type: none"> - Definition and types - Doctor duty in wounds cases - classification mechanism of death from wounds 		2
5	Regional injuries	<ul style="list-style-type: none"> - Head ,neck - Chest and abdomen 		1
6	Thermal injuries	Heat ,cold and electricity		1
7	Violent Asphyxia	Classical signs		1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		Types immersion and drowning		
8	Sexual Offences	– Rape ,indecent assault and homosexual offences		1
9	Death and injury in infants	– Death and injury in infants		1
10	Pregnancy ,delivery and abortion	– Pregnancy ,delivery and abortion		1
11	Abuse	– Child and female abuse		1
١٢	Malpractice	Malpractice		1
		2- Toxicology		
		Classification		
١٣	General toxicology	Factors modifying poison action – Diagnosis of poisoning		1
١٤	First aid of poison management	– ABC – Decontamination – Elimination – Antidote		2
١٥	Corrosive	– Strong acid – Strong base	2nd	1
16	House hold poison	– Oxalic acid ,carbolic acid ,acetic acid , detergent		١
١٧	Heavy metals	Lead , arsenic , iron		1
18	Pesticides	Insecticides , rodenticides ,fungicides ..etc		2
19	Asphyxiant	Carbon mono oxide Cyanide		1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
20	Medicinal poison	Analgesic Sedative and hypnotic		1
21	Animal poisoning	– Snake bite – Scorpion		1
22	Alcohols, narcotics and drug abuse	– Ethanol ,methanol Drug dependence Opium ,cocaine , codeine ,cannabis		3
23	Final Written Exam	–	16th	2
Number of Weeks /and Units Per Semester			2W	30

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		1-Forensic Medicine		
1	General Forensic terminology	– Forensic medicine and science – Autopsy ,evidence – Toxicology ,poison ,poisoning – ...	1 st	1
2	Death	– Definition ,diagnosis brain death – Mechanism ,mode and manner of death – Death certificate – Medico logical deaths and their handling – Time of death and postmortem changes		2
3	Unexpected and sudden natural death	Unexpected and sudden natural death		1
4	Wounds	– Definition and types		2

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		– Doctor duty in wounds cases classification mechanism of death from wounds		
5	Regional injuries	– Head ,neck – Chest and abdomen		1
6	Thermal injuries	– Heat ,cold and electricity		1
7	Violent Asphyxia	– Classical signs – Types immersion and drowning		1
8	Sexual Offences	– Rape ,indecent assault and homosexual offences		1
9	Death and injury in infants	– Death and injury in infants		1
10	Pregnancy ,delivery and abortion	– Pregnancy ,delivery and abortion		1
11	Abuse	– Child and female abuse		1
١٢	Malpractice	– Malpractice		1
		2- Toxicology		
١٣	General toxicology	– Classification – Factors modifying poison action – Diagnosis of poisoning		1
١٤	First aid of poison management	– ABC – Decontamination – Elimination – Antidote	2 nd	2
١٥	Corrosive	– Strong acid – Strong base		1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
16	House hold poison	– Oxalic acid ,carbolic acid ,acetic acid , detergent		١
١٧	Heavy metals	– Lead , arsenic , iron		1
18	Pesticides	– Insecticides, rodenticides ,fungicides ..etc		2
19	Asphyxiant	– Carbon mono oxide – Cyanide		1
20	Medicinal poison	– Analgesic – Sedative and hypnotic		1
21	Animal poisoning	– Snake bite – Scorpion		1
22	Alcohols, narcotics and drug abuse	– Ethanol ,methanol – Drug dependence – Opium ,cocaine , codeine ,cannabis		3
23	Final Written Exam		16 th	2
Number of Weeks /and Units Per Semester			2W	30

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	Extraction of poisons from biological samples	1st	3
2	Identification of corrosive		3
3	Identification of metallic poisons		3
4	Identification of sedative and hypnotic drugs		3
5	Identification of analgesic drugs		3

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours
6	Identification of narcotics and abused drugs		3
7	Type of wounds		3
8	Head and Firearm injuries		3
9	Death and postmortem changes		3
10	Sudden death		3
11	Sudden infant death syndrome		3
12	Final Clinical Exam	15th	3
Number of Weeks /and Units Per Semester		2W	36

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	Extraction of poisons from biological samples	1 st	3
2	Identification of corrosive		3
3	Identification of metallic poisons		3
4	Identification of sedative and hypnotic drugs		3
5	Identification of analgesic drugs		3
6	Identification of narcotics and abused drugs		3
7	Type of wounds		3
8	Head and Firearm injuries		3
9	Death and postmortem changes		3
10	Sudden death		3
11	Sudden infant death syndrome		3

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours
12	Final Clinical Exam	15 th	3
Number of Weeks /and Units Per Semester		2W	36

خطأ! لم يتم العثور على مصدر المرجع.

VI. Teaching Strategies of the Course:

خطأ! لم يتم العثور على مصدر المرجع.

VII. Assessment Methods of the Course:

خطأ! لم يتم العثور على مصدر المرجع.

VII. Assignments:

No.	Assignments	Week Due	Mark
1	Identification of metallic poisons	1 st	5
2	Detection of death's signs	2 nd	5
Total			10

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	1-2 nd	10	10%
2	Oral desiccation	2 nd	10	10%
3	Final Clinical Exam	15 th	30	30%

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No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
4	Final Written Exam	16 th	50	50%
Total			100	100%

X. Learning Resources:

1- Required Textbook(s):

Curtis D. Klaassen Casarett and Doull's (2013). Toxicology: The Basic Science of Poisons,
8th Ed. (ISBN: 978-0071769235)

6- Rajesh Bardale, Principles of Forensic Medicine and Toxicology (2011), ISBN 978-93-5025-493-6 © 2011, Jaypee Brothers Medical Publishers

1- 2- Essential References:

Forensic medicine encyclopedia.

2- Dominik Dimayo: Forensic pathology (Practical Aspects of Criminal and Forensic Investigations), 2nd ed, 2001.

3- Lewis S. Nelson, Neal A. Lewin, Mary Ann Howland, Robert S. Hoffman, Lewis R. Goldfrank, Neal E. Flomenbaum GoldFrank's Toxicological Emergency, Ninth Edition, 2010.

1- 3- Electronic Materials and Web Sites etc.:

Websites:

www.forensicmed.co.uk/www.

medlib.med.utah.edu/webpath/

2- www.dundee.ac.uk/

3- facmedden/bmscwww.emedicine.com

4- www.pubmed.com

XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

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1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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