TISHK INTERNATIONAL UNIVERSITY FACULTY OF APPLIED SCIENCE Department of MEDICAL ANALYSIS, -2022 Spring Course Information for MA 404 MEDICAL TOXICOLOGY

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Course Name: MEDICAL TOXICOLOGY							
Code Reg	jular Semester	Theoretical	Practical	Credits	ECTS		
MA 404	8	2	-	2	3		
Name of Lecturer(s)- Academic Title:							
Teaching Assistant:	None						
Course Language:	English						
Course Type:	Main						
Office Hours	Tuesday 11:00-13:00						
Contact Email:	ismael.bilal@tiu.edu.iq						
	Tel:07504514337						
Teacher's academic profile:	H ecilirer						
Course Objectives:	This course book included the drugs and chemicals in toxicity (car, water, and and symptoms of toxicity)	which we are contact soil), industrial toxicity	with. Also understa (metals, alkali and	anding the envir	onmental		
	Toxicology is a type of a pharmacology for the p detection. This course we pharmacology, biochem integrate their current coursel to toxicology plays an impromental commonly located in mean important discipline provide students with the efficacy and for providing the providing students with the students with the students with the efficacy and for providing the providing students with the	urpose of study of med will include elements of histry, physiology, patho omprehension of these portant role in analytica ost hospitals and in nu in the practice of media the tools and know-how	dicines or toxins, the formany previous coology and Medical e other sciences are all medicine and toximerous private and analysis and the practice this scien	neir effects and tourses such as Specimens. Stund study them in ticological departallytical labs. To be aim of this course with confider	heir Idents will I a new way. Itments are Ricology is Urse is to		

	COURSE CONTENT					
Week	Hour	Date	Topic			
1	2	6-10/2/2022	Introduction of toxicology			
2	2	13-17/2/2022	General approch to the posion patient			
3	2	20-24/2/2022	Clinical Toxicology Laboratory			
4	2	27/2-3/3/2022	Practical Aspect of Analytical Toxicology			
5	2	6-10/3/2022	Toxicant of the Public Health Hazards			
6	2	27-31/3/2022	Medical Toxicants			
7	2	3-7/4/2022	Environmental Toxicants			
8	2	10-14/4/2022	Midterm Exam			
9	2	17-21/4/2022	Midterm Exam			
10	2	24-28/4/2022	Drug and Uses			
11	2	8-12/5/2022	Natural Toxicants			
12	2	15-19/5/2022	Industerial Toxicants			
13	2	22-26/5/2022	Principle of the management of the poisioning			
14	2	29/5-2/6/2022	Revision			

15	2	5-9/6/20)22	Final Exam				
16	2	12-16/6/2	2022	Final Exam				
				COURSE/STUDENT LEAR!	NING OUTCO	MES		
1	1 Hav	ve a compreh		nowledge of all the basic prin				
2		•		nism of toxicity of medication	•	• •		
3		•		and toxic effects of xenobiot			citv on human hea	lth.
4		_		vention and control stategy			,	
5		-		agement of poisionic.				
				SE'S CONTRIBUTION TO I	PROGRAM OI	JTCOMES		
		•	Blank : no	contribution, I: Introduction,				
	_	am Learning						Cont.
1		ate clinical lat se states.	ooratory (data by interpreting laborator	y results and r	elating the data	a to various	I
2		•		-based medicine to determin	•			I
3		the basic prin piology/virolog		gross and microscopic anato	omy, physiolog	y, biochemistry	, immunology,	ı
4	formul	ate and imple	ement ac	ceptable treatment modalitie	s to various di	sease states.		
5	use te	chnology effe	ectively in	the delivery of instruction, a	ssessment, ar	d professional	development.	Р
6	exhibit essential employability qualities by demonstrating laboratory safety, analyzing laboratory results, and displaying professional conduct.							
7	exhibit organizational skills, accountability, and ethical behavior.						1	
8	apply skills needed in operating laboratory equipment for testing, assessing quality assurance for lab equipment, and adhering to standard safety practices in the laboratory environment.							
9	apply problem-solving and decision-making skills.						ı	
10							I	
11	develo	p research ir	the field	of medical analysis using qu	ualitative and o	luantitative met	thods.	
Prerequisites (Course Reading List and Cassarett and Doulls, Toxicology, 6th Ed., Curtis S. Klassan, 2001, McGraw H. References):								
		s obligation quirements):	Richard	C. Dart, Medical Toxicology,	third Ed, E. M	artin Caravati, 2	2004.	
Course Book/Textbook: To develop an understanding about the mechanism of toxicity of many drugs and compounds on human body and produce their toxic or cell health.								
Ma		ther Course References:	Lipophil	icity in drug action and toxico	ology			
Teachir	ng Meth o	nods (Forms of Teaching):	Lectures	s, Presentation, Seminar, Ass	signments, , ,			
			I.	COURSE EVALUATIO	N CRITERIA			
Method	t					Quantity	Percentage	e (%)
Semina	ar					1	10	
Attenda						1	5	
Particip	ation					1	5	
Quiz					5			
					30			
Final Ex	xam					1	40	
				Total			100	
		: Essay Ques es, Short Ans		ue-False, Fill in the Blanks, tching, , ,				
Extra N	otes:							

ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD						
Activities	Quantity	Workload Hours for 1 quantity*	Total Workload			
Theoretical Hours	16	2	32			
Practical Hours	16	0	0			
Final Exam	1	2	2			
Seminar	1	4	4			
Attendance	1	4	4			
Participation	1	4	4			
Quiz	2	4	8			
Midterm Exam	1	2	2			
Total Workload			56			
ECTS Credit (Total workload/25)			2.24			

Peer review

Signature:	Signature:	Signature:
Name:	Name:	Name:
Lecturer	Head of Department	Dean