Ministry of Higher Education and Scientific Research Scientific Supervision and Scientific Evaluation Apparatus Directorate of Quality Assurance and Academic Accreditation Accreditation Department



# Academic Program and Course Description Guide

2024

### **Introduction:**

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

### **Concepts and terminology:**

<u>Academic Program Description</u>: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

**Course Description:** Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

**Program Vision:** An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

**Program Mission:** Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

**Program Objectives:** They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable. **Curriculum Structure:** All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

**Learning Outcomes:** A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

**Teaching and learning strategies:** They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

### **Academic Program Description Form**

Republic of Iraq Ministry of Higher Education Scientific Research Supervision and Scientific Evaluation Directorate Quality Assurance and Academic Accreditation

.University: AL Furat AL Awsat technical university Faculty :Samawa technical institute Academic Program Specification name: Diploma Academic system: course

Head of DepartmentDean Assistant for Scientific AffairsProf.Dr. Ali Anok NjumDate: 31/3/2024Date: 31/3/2024Date :This file is checked by Quality Assurance And university PerformanceDirected of the Quality Assurance And university Performance departmentDate:Signature :

Approval of the dean

#### 1. Program Vision

Providing graduates with the knowledge and experience necessary to be leaders in community and public health, and to have a positive impact at the global and local levels.

### 2. Program Mission

Achieving excellence in teaching and learning in the field of community health through the development and implementation of robust educational programs and research activities, leading to enhanced health care services and access to all members of the community.

#### 3. Program Objectives

The department aims to graduate technical personnel in environmental health, occupational safety, inspection, health control, health survey, implementation of primary health care programs, carrying out health awareness campaigns, and operating and caring for special devices.
 Preparing students to become community leaders in competence and professionalism in the field of community health.

3. Emphasizing the importance of health education in the educational and professional aspects to increase individual, family and community awareness towards achieving self-care.

4. Cooperating with public and private organizations in meeting the health needs of the community

#### 4. Program Accreditation

Does the program have program accreditation? And from which agency?

### 5. Other external influences

According to the need of the labor market (the need of the Department of Health), the opinion of the labor market regarding the school curricula is taken

6. Program Structure									
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*					
Institution	1	2							
Requirements									
<b>College Requirements</b>	4	9							
Department	28	120							
Requirements									
Summer Training									
Other									

#### 6. Program Structure

\* This can include notes whether the course is basic or optional.

/ear/Level	Course	Course Name	Credit	Hours
	Code		theoretical	nraatiaal
		Principles of Community Health	2	practical 3
		Fundamentals of Nursing 1	2	2
		General Anatomy 1	2	2
		Physiology 1	2	2
		Medical Microbiology 1	2	2
		Biostatic 1	2	2
		Clinical Chemistry 1	1	3
		Computer Applications 1	1	2
First		English Language	1	2
1 11 50		Community Health	2	3
		Fundamentals of Nursing 2	2	2
		General Anatomy 2	2	2
		Physiology 2	2	2
		Medical Microbiology 2	2	2
		Biostatic 2	2	
		Clinical Chemistry 2	1	3
		Computer Applications 2	1	2
		Human Rights and Democracy	2	
		Community Health	2	3
		Health Inspection 1	2	4
		Medicine & Surgery 1	2	4
		Health &Occupational Safety 1	2	3
		Epidemiology 1	2	2
		Environmental Health	2	2
		Pharmacology 1	2	2
Second		International Health	2	3
~		Health Inspection 2	2	4
		Medicine & Surgery 2	2	4
		Health &Occupational Safety2	2	3
		Epidemiology 2	2	2
		Pharmacology 2	2	2
		Proposal		2
		Professional Ethics	2	2

### 8. Expected learning outcomes of the program

#### Knowledge

A1- The student's knowledge of participating in health inspection and control teams and assisting in the laboratory investigation of the samples that were examined and matching them with medical conditions. A1-- The doctor assists in diagnostic, nursing and therapeutic procedures

A3- Operate and care for the devices and machines used in diagnosis and treatment.

A4- The graduate works within the health survey teams and health awareness campaigns

A5- Enabling the student to learn how to implement primary health care programs

A6- Enabling the student to learn and participate in special surveys, teams on communicable diseases and how to control them, and health awareness campaigns

#### Skills

B1 - Enabling the student to implement primary health care.

B2 - Enabling the student to work in teams of special surveys with infectious diseases and how to control them

B3 - Enabling the student to participate in the field of occupational safety and health.

#### 9. Teaching and Learning Strategies

1. Theoretical lectures and the use of modern scientific methods in presenting lectures (data show)

2. Practical application of theoretical vocabulary

3. Practical training in hospitals and primary health centers

#### **10. Evaluation methods**

1-Theoretical exam with papers

2- Oral questions and discussion of medical cases

3- Practical exam in the laboratory

4- Displaying models and films in (data show) and answering them by the student

11.Faculty Faculty Members									
Faculty Menn	Ders		1		-				
Academic Rank	Specia	Special Requirements/Skills (if applicable)		Number of the teaching staff					
	General	Special			Staff	Lecturer			
Assist prof.	Veterinary Medicine	microbiology			1				
Lecturer	Chemistry	Organic Chemistry			1				
Assist lecturer	Biology	Physiology			1				
Assist lecturer	Engineering	Computer			1				

### **Professional Development**

Mentoring new faculty members

His continuous enrollment in continuing education courses to develop his experience and skills Change the workplace from time to time so that his work does not become routine and he acquires new skills in a new job

Invite some relevant professional institutions and coordinate student training (methodological training) and discuss training curricula and rely on daily evaluation

Updating the curriculum and continuous coordination with specialists in order to achieve the required level of study to benefit from its capabilities in this field.

Professional development of faculty members

### 12. Acceptance Criterion

According to the central acceptance plan

### 13. The most important sources of information about the program

Scientific methodological books in the field of specialization. Specialized practical books Websites of reputable and recognized international institutes and universities

### 14.Program Development Plan

Faculty members must be within the prescribed staff and according to the ratio of students to the number of faculty members. Efficiency must have a role to cover all curricula, and there must be the ability to manage the institute sufficiently to accommodate the levels of interaction, student guidance, counseling, and university, professional, and development service activities and interaction. With practitioners and professionals as well as employers.

- Holding development courses for graduates

				Progra	m Skills (	Dutline									
								Requi	ired prog	ram Le	earning o	utcomes			
	Course		Basic or		Knowledge Skills Ethics										
Year/Level	Code	Course Name	optional	A1	A2	A3	A4	B1	B2	<b>B3</b>	B4	C1	C2	C3	C4
		Principles of Community Health	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Fundamentals of Nursing 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		General Anatomy 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Physiology 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Medical Microbiology 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Biostatic 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Clinical Chemistry 1	Assist	•	•	•	•	•	•	•	•	•	•	•	•
		Computer Applications 1	Assist	•	•	•	•	•	•	•	•	•	•	•	•
		English Language	General	•	•	•	•	•	•	•	•	•	•	•	•
First		Community Health	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Fundamentals of Nursing 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		General Anatomy 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Physiology 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Medical Microbiology 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Biostatic 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Clinical Chemistry 2	Assist	•	•	•	•	•	•	•	•	•	•	•	•
		Computer Applications 2	Assist	•	•	•	•	•	•	•	•	•	•	•	•
		Human Rights and Democracy	General	•	•	•	•	•	•	•	•	•	•	•	•
		Community Health	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Health Inspection 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Medicine & Surgery 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Health &Occupational Safety 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Epidemiology 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Environmental Health	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Pharmacology 1	Basic	•	•	•	•	•	•	•	•	•	•	•	•
Second		International Health	Basic	•	•	•	•	•	•	•	•	•	•	•	•
`		Health Inspection 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Medicine & Surgery 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Health &Occupational Safety2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Epidemiology 2	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Pharmacology 2	Assist	•	•	•	•	•	•	•	•	•	•	•	•
		Proposal	Basic	•	•	•	•	•	•	•	•	•	•	•	•
		Professional Ethics	Assist	•	•	•	•	•	•	•	•	•	•	•	•
	<u> </u>	Baath crimes	Assist	•	•	•	•	•	•	•	•	•	•	•	•

• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

1 (	1. Course Name:							
Principles of Community Health								
2. Course Code:								
3. 9	Semeste	er / Yea	r:					
	Seme	ester first	t / 1 <sup>st</sup> year					
4. 1	Descrip	tion Pre	paration D	ate:				
	-	4/2/24						
5. 4	Availab	le Attend	dance Form	s:				
			Direct					
6. l			,	otal) / Number of Un	its (Total)			
	5 ho	urs / 5 ι	units					
7.	Course	admin	istrator's na	ame (mention all, if	<sup>-</sup> more than or	ne name)		
	Name:	hussien	aziz					
		Objectiv						
Course	Objectiv	es		he goals and strategies of t	-	-		
			•Learn abo	ut the services and duties	s provided in prim	ary nearth care		
				ow to organize the family	registry forms for p	regnant women		
			and childr			8		
			•To know t	he most important types of	of vaccines and wa	sys to deal with		
			them					
				ealth information and mea	asures of health and	d illness		
		-	earning Stra					
Strateg	У			es and the use of moderr	a scientific metho	ds in presenting		
			s (data show) tical application	on of theoretical vocabu	larv			
			tical training i		J			
	ourse St							
Week	Hours	-	ed Learning	Unit or subject	Learning	Evaluation		
		Outcom	ies	name Introduction to	method	method		
				community health -				
		Def	inition of	Definition of	Giving a lecture			
1	2	commun	ity health and	community health - What does community	and using	Examinations		
its obj			bjectives	health include - The	explanations			
goal of community								
				health.	Giving a lecture			
2	2	-	health care, ams and goals	Primary health care primary health care	and using	Examinations		
		ns progra	and goals	primary nearth care	explanations			

			programs - goals and strategies		
3	2	Vaccines Immunity Vaccines, their types and methods of administration Nationalvaccination schedule in Iraq	Vaccines Immunity Vaccines, their types and methods of administration National vaccination schedule in Iraq	Giving a lecture and using explanations	Examinations
4 &5	2	Maternal and child care services	Maternal and child care services	Giving a lecture and using explanations	Examinations
6	2	Lactation and its types	Breastfeeding/its benefits for the mother and child - artificial feeding - and its disadvantages	Giving a lecture and using explanations	Examinations
7	2	Diarrhea in children	Diarrhea in children - it causes - types - how to avoid and prevent it	Giving a lecture and using explanations	Examination
8	2	Dehydration in childrer and its types	Dehydration in children - its types, signs, and how to avoid it	Giving a lecture and using explanations	Examinations
9	2	The importance of school health unit services within the health care center	The importance of school health unit services within the health care center	Giving a lecture and using explanations	Examinations
10	2	Medical waste and how to deal with it	Medical waste and how to deal with it	Giving a lecture and using explanations	Examinations
11	2	Pandemic influenza(Coronavirus -bird flu)	Pandemic influenza (Coronavirus - bird flu)	Giving a lecture and using explanations	Examinations
12	2	Knowledge of some communicable diseases	Some communicable diseases (tuberculosis, paralysis)	Giving a lecture and using explanations	Examinations
13	2	Knowledge of some communicable diseases	Some transmissible diseases (diphtheria, whooping cough, tetanus).	Giving a lecture and using explanations	Examinations
14	2	Health and life statistics - sources of information collection	Health and life statistics The general method of health research - Births and deaths information	Giving a lecture and using explanations	Examinations
15	2	Measures of health and disease: measures of births and deaths	Measures of health and disease: measures of births and deaths	Giving a lecture and using explanations	Examinations
		valuation			
		e score out of 100 acco aily oral, monthly, or w			nt such as daily
		and Teaching Resou			

Required textbooks (curricular books, if any)	Principles of community health/Nazira Hussein
Main references (sources)	
Recommended books and references (scientific journals, reports)	
Electronic References, Websites	WWW.MEDSCAPE.COM

13.	Course	Name:						
	Fundamentals of Nursing 1							
14.Course Code:								
15.	Semest	er / Yea	r:					
	Seme	ester first	t / 1 <sup>st</sup> year					
16.	Descrip	otion Pre	eparation D	Date:				
	202	4/ 2/24						
17.	Availat	ole Atten	dance Form	18:				
			Direct					
18.	Numbe	r of Crec	lit Hours (T	otal) / Number of Ur	nits (Total)			
	4 ho	urs / 4 ι	units					
19		Course a	administrat	or's name (mention	n all, if more tl	nan one		
-	name)							
		Mustafa	hakem					
	Email:							
		Objectiv						
Course	Objectiv	es	•	e of nursing property				
			-	e of vital signs, how to me		boratory tests		
			<ul><li>Methods o</li><li>First aid</li></ul>	of administering and storin	g medications			
21	Taaahir	a and L						
Strateg			earning Stra	es and the use of moderr	scientific metho	de in presenting		
Strateg	J		s (data show)	es and the use of model	i scientific metho	us în presenting		
		2. Pract	tical applicati	on of theoretical vocabu	lary			
	C.		tical training i	in hospitals				
	ourse St		dIcoming	Unit on subject	Looming	Evaluation		
Week	Hours	Outcom	d Learning	Unit or subject name	Learning method	method		
		Fir	st aid in	First aid in				
			atories and	laboratories and				
			al protective ipment,	Personal protective equipment,	Giving a lecture			
1	2		amental of	Fundamental of	and using	Examinations		
			g, definition	Nursing, definition	explanations			
(Nursing, Nurse, (Nursing, Nurse,								
			n, Hospital	health, Hospital Administration &				
			ge of patient	discharge of patient				
20-2	2		pital, pt.chart	from hospital, pt.chart,	Giving a lecture	Examinations		
2&3	Z	, oral rep	ort, written of	oral report, written of	and using explanations	Examinations		
			t, Nursing	report, Nursing	CAPIUNATIONS			
		process	(Assessing,	process.(Assessing,				

		planning , Implementation , Evaluation ).	planning , Implementation , Evaluation .		
4&5	2	Physical examination	Physical examination, prepare the pt. to exam, role of Nurse in physical examination , collection of sample ,prepare the equipment	Giving a lecture and using explanations	Examinations
6	2	Position of patient, patient lifting and its risks	Position of patient, patient lifting and its risks.	Giving a lecture and using explanations	Examinations
7&8	2	Basic Needs of Pt. care of Pt. unit , bed making , personal hygiene patient bath, mouth and tooth care. Bed sores, care of sores, causes & prevention of bed sores	Basic Needs of Pt. care of Pt. unit , bed making , personal hygiene patient bath, mouth and tooth care. Bed sores, care of sores, causes & prevention of bed sores	Giving a lecture and using explanations	Examinations
9&10	2	Method of sterilization, surgical sterilization	Method of sterilization surgical sterilization, Medical sterilization, kind of disinfectant,	Giving a lecture and using explanations	Examination
11&12	2	Vital signs, Definition of Temperature, check Temperature, Type of check Temp- ,oral,axllia Rectal definition of fever , causes, signs, & symptom, Nursing care of pyrexia , pulse, definition, factors affecting of pulse , site of taking pulse, Nursing point in check , pulse Respiration, definition of respiration, definition of Blood pressure.		Giving a lecture and using explanations	Examinations
13&14	2	Drug administration	Drug administration , define of drug Type of administration of medication , and Injection, {I.M,I.V.,S.c,I.D,} cold & hot. Compress, nose eyes & ears drops	Giving a lecture and using explanations	Examinations
15	2	Giving fluid & Blood by intravenous infusion	Giving fluid & Blood by intravenous infusion, role of Nurse	Giving a lecture and using explanations	Examinations

			-			
			in giving i	ntravenous		
			infusion, Ro			
			in givin	ig blood		
			transfusion	the goal of		
				nsfusion,		
			importan	t notes in		
			blood ir	nfusion.		
23.Co	ourse E	valuation				
Distrib	uting the	e score out of 100 acco	rding to the	tasks assig	ned to the stude	nt such as daily
	0	uly oral, monthly, or w	0			5
24.Le	earning	and Teaching Resor	urces			
				Principles	of practical nursi	ing
Require	ed textbo	oks (curricular books, i	f any)	foundations/Nazira Hussein		
			-	of nursing phaeladelphia		
Main re	ferences	(sources)		Salwa Abbas - Principles of Nursing		
					ons - Ministry of H	U
				Education Foundation 1995.		
					Fuerst fundamen	
Recom	mended b	books and references (s	cientific			- Basic Principle
	s, reports	· ·	cicitiiite		Ministry of High	
Journais	s, reports	)		0	Research - 2986	
Floatera	nia Dafar	onaa Wahaitaa		Scientific	Kescalell - 2900	
Electro	inc kefer	ences, Websites				

25	Course	Nama		-			
23.	Course		otomy 1				
26	General Anatomy 1 26.Course Code:						
20.	Course	Code:					
27	Carros	/ V					
27.		er / Yea					
20			t / 1 <sup>st</sup> year				
28.	-		eparation D	Date:			
•	_ • - • -	4/2/24	1 5				
29.	Availat	le Atten	dance Form	IS:			
			Direct				
30.				otal) / Number of Ur	nits (Total)		
	4 ho	urs / 4 ι	inits				
31		Course a	administrat	or's name (mentior	n all, if more th	nan one	
	name)						
		Duaa ha	di				
	Email:						
		Objectiv					
Course	Objectiv	es		oals : The students at the en			
			•	to recognize all the parts	•	anatomically.	
			-	bals : The students will be rrelate between the function		of each part of	
			the body.		its and the anatomy	or each part of	
			•	ist the medical doctor in di	agnosis and treatme	ent in some way	
				and simply as necessary.	•		
33	Teachir	o and L	earning Stra	ategies			
Strateg		1		using modern presentat	ion methods such	as using the	
~	J		y atlas 3D pro	0 1	ion methods, such	i us using the	
			• I	ansferring the reality of	the lecture from t	he theoretical to t	
		practica					
	<b>C</b>		buting studen	ts into groups to discuss	specific topics		
	ourse St		17	TT •4	T •		
Week	Hours	Require Outcom	d Learning	Unit or subject name	Learning method	Evaluation method	
		Outcoll		Introduction and	memou	memou	
		Introd	uction and	definition of anatomy,	Giving a lecture		
			n of anatomy	surface anatomy of the	and using	Examinations	
			,	body, anatomical	explanations		
				position, median plane. Surface anatomy :			
2	2	Surfac	e anatomy	planes and vertical	Giving a lecture and using	Examinations	
<u> </u>	2	Surra		lines	explanations	Examinations	
					r		

3	2	Tissues and cells : Types of cells	Tissues and cells : Types of cells which form different types of tissues , e.g. : epithelial, connective , muscular, nervous tissues . etc.	Giving a lecture and using explanations	Examinations
4	2	:Bone and joints types of bones, functions, parts of skeleton	Bone and joints : types of bones , functions of bones , parts of skeleton	Giving a lecture and using explanations	Examinations
5	2	Skeleton of upper limb	Skeleton of upper limb : general anatomical appearance , skeleton of shoulder girdle : clavicle , scapula, humerus , radius, ulna , skeleton of the hand	Giving a lecture and using explanations	Examinations
6	2	Skeleton of lower limb	Skeleton of lower limb general anatomical appearance, skeleton of the pelvis : hip bones : Ilium , pubis , ischium femur. Leg :tibia, fibula Skeleton of the fo	Giving a lecture and using explanations	Examination
7	2	Trunk skeleton	Trunk skeleton : thorax : sternum , rips	Giving a lecture and using explanations	Examinations
8	2	Skull : general appearance	Skull general appearance	Giving a lecture and using explanations	Examinations
9	2	Cranium , lower jaw	Cranium , lower jaw	Giving a lecture and using explanations	Examinations
10	2	Vertebral column : the types of vertebra of each part.	Vertebral column : the types of vertebra of each part.	Giving a lecture and using explanations	Examinations
11	2	Joints : definition , types	Joints : definition , types	Giving a lecture and using explanations	Examinations
12	2	Joints of upper and lowe limb and trunk	Joints of upper and lower limb and trunk	Giving a lecture and using explanations	Examinations
13	2	Muscular system : types of muscles , muscles of head and face , general information	Muscular system : types of muscles , muscles of head and face , general information	Giving a lecture and using explanations	Examinations
14	2	Muscles of upper limb : limbo vertebral muscles , limbo thoracic muscles , muscles of	Muscles of upper limb : limbo vertebral muscles , limbo thoracic muscles , muscles of the shoulder	Giving a lecture and using explanations	Examinations

		the shoulder , muscles of upper arm, muscles of hand	, muscles of muscles	· ·			
15	2	Muscles of the lower limb : muscles of the iliac region , muscles of the gluteal region , muscles of thigh	Muscles of limb : mus iliac region of the glute muscles	cles of the , muscles eal region ,	Giving a lecture and using explanations	Examinations	
35.C	35.Course Evaluation						
	0	e score out of 100 acco aily oral, monthly, or w			nt such as daily		
36.L	earning	and Teaching Resou	urces				
Require	Required textbooks (curricular books, if any)			Principle of anatomy , Dr. Hani T. Al- Azawi , 4 <sup>th</sup> edition , 1988.			
Main references (sources)				Principle of anatomy , Dr. Abdul-Rahman M. Abdul- Raheim & Dr. Ali K.			
	Recommended books and references (scientific journals, reports)				Basic anatomy		
Electro	Electronic References, Websites				WW.MEDSCAP	E.COM	

37.Course Name: Physiology 1 38.Course Code:								
39.Semester / Year:								
Semester first / 1 <sup>st</sup> year								
40.Description Preparation Date:								
2024/ 2/24								
41.Available Attendance Forms:								
Direct								
42.Number of Credit Hours (Total) / Number of Units (Total)								
4 hours / 4 units								
43. Course administrator's name (mention all, if mo	re than one							
name) Name: Ali musa								
Email:								
44.Course Objectives								
Course Objectives     1- The student is able to know physiology	of human body							
(Structure and functions)	of numun body							
2- The student is able to done more clinica	l examination that							
Related with physiology								
45.Teaching and Learning Strategies								
Strategy• Direct questions• Transferring the reality of the lecture from the theorem	tical to the practical							
Distributing students into groups to discuss specific to								
46. Course Structure	1							
WeekHoursRequired LearningUnit or subjectLearning	Evaluation							
Outcomes name method	method							
Safety precautions from Safety precautions from the hazards of								
the hazards of laboratory materials,								
chemicals and chemicals and								
electricity Cells(Define – Types lecture at	nd							
1&2     2     Cells(Define - Types - Structures of cells)     - Structures of cells)     - using	Examinations							
Tissues (Define Types   Itssues (Define, explanation	ons							
A structures of tissues     Types       A structures of tissues     Types       A structures of tissues     Types       A structures of tissues     Types								
Muscles (Define, Types , Structures of muscles) (Define, Types, Structures of muscles)								
Structures of muscles)								
Blood –Functions – Blood –Functions – properties composition properties composition Giving a								
3&4 2 -blood plasma -blood -blood plasma -blood lecture at								
30042serum-serum-usingErythrocyte(proprieties)Erythrocyte(proprieties)explanation								
	ons							

		functions) production and degradation of blood cells	functions) production and degradation of blood cells		
5	2	Leukocyte ( Types – Shapes –number- functions)	Leukocyte ( Types – Shapes –number- functions)	Giving a lecture and using explanations	Examinations
6	2	Hemoglobin-functions – normal value- composition Platelets( number- functions) Coagulation of blood – anticoagulant	Hemoglobin-functions –normal value- composition Platelets( number- functions) Coagulation of blood – anticoagulant	Giving a lecture and using explanations	Examinations
7	2	Cardiovascular system -heart- structure of heart – function – cardiac valves- cardiac cycle – heart sounds	Cardiovascular system -heart- structure of heart – function – cardiac valves- cardiac cycle – heart sounds	Giving a lecture and using explanations	Examinations
8	2	Blood vessels (arteries -veins-capillary blood vessels ) properties – blood cycle (pulmonary &systemic	vessels ) properties - blood cycle (pulmonary &systemic		Examinatior
9	2	Blood pressure –normal value- factors effecting of blood pressure	Blood pressure – normal value- factors effecting of blood pressure	Giving a lecture and using explanations	Examinations
10	2	Respiratory system – structure –expiration – inspiration – respiratory muscles – respiratory rate.	Respiratory system – structure –expiration – inspiration – respiratory muscles – respiratory rate.	Giving a lecture and using explanations	Examinations
11	2	Pulmonary volume – pulmonary ventilation – regulation of gas exchange in blood by respiration.	Pulmonary volume – pulmonary ventilation – regulation of gas exchange in blood by respiration.	Giving a lecture and using explanations	Examinations
12	2	Urinary system – structure – functions	Urinary system – structure – functions	Giving a lecture and using explanations	Examinations
13	2	Functions of kidneys- composition of urine – cast and stone in urine normal	Functions of kidneys- composition of urine – cast and stone in urine normal	Giving a lecture and using explanations	Examinations
14	2	Ear and eye (structure and functions)	Ear and eye (structure and functions)	Giving a lecture and using explanations	Examinations
15	2	Skin (Define , Structures , Functions)s	Skin (Define , Structures , Functions)s	Giving a lecture and using explanations	Examinations

47.Course Evaluation				
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reportsetc				
48.Learning and Teaching Resources				
Required textbooks (curricular books, if any)				
Main references (sources)				
Recommended books and references (scientific journals, reports)	Guyton, A. C. and Hall, J. E. 2006. Textbook of Medical Physiology. 11th Edition. Saunders, Philadelphia. USA. Bipin Kumar. 2001. Human Physiology. Campus Book International, New Delhi			
Electronic References, Websites				

			000200	e Description For			
49.	.Course	Name:					
	Medical Microbiology 1						
50.	.Course	Code:					
51.	.Semest	er / Yea	r:				
	Seme	ester first	t / 1 <sup>st</sup> year				
52.	<b>^</b>		eparation D	Date:			
	202	4/2/24					
53.	.Availat	ole Atten	dance Form	IS:			
			Direct				
54.	.Numbe	r of Crec	lit Hours (T	otal) / Number of Un	nits (Total)		
	4 ho	urs / 4 ι	units				
55		Course a	administrat	or's name (mentio	n all, if more t	han one	
	name)						
		Ali anok					
	Email:	alianjun	<u>n@atu.edu.</u>	iq			
EC	C	O1					
	Objectiv	Objectiv		iantimon .			
Course	Objectiv	es	<ul> <li>General ob</li> <li>Student with</li> </ul>	ll be able to know a simpl	a ganaral idaa ahou	1t ·	
				s (Bacteria, fungi, parasit	-		
			disease pre		es und viruses), une	initiality and	
			• Special ob				
			• Student wi	Il be able to :			
			• To diagnos	se some simple cases in h	is field work, instea	ad of specialest,	
			*	ielest is absent.			
				ests in the labs.	odh o o ni o o o ni o lo o		
			-	eserve and transport the p lvice for disease prevention			
57	Teachir	ng and L	earning Stra	•			
Strateg			t questions				
~ march	) U		1	ality of the lecture from	the theoretical to	the practical	
		• Distri		ts into groups to discuss		-	
	ourse St						
Week	Hours		ed Learning	Unit or subject	Learning	Evaluation	
		Outcom	story of	name	method	method	
			ology, site of				
	2	microor	ganism in the	History of	Giving a lecture	- · ·	
1	2		f the living & ranches of	microbiology,	and using explanations	Examinations	
			obiology.		explanations		
			al hazards and				

		how to deal with them, signs and warning signs in			
		laboratories, Disposal of waste from			
		workshops and medical laboratories, Disposal of medical laboratory waste.			
2	2	Bacterial morphology, bacterial cell structure.	Bacterial morphology, bacterial cell structure.	Giving a lecture and using explanations	Examinations
3	2	Bacterial requirement, growth curve	Bacterial requirement, growth curve	Giving a lecture and using explanations	Examinations
4	2	Controle of microorganisms	Controle of microorganisms	Giving a lecture and using explanations	Examinations
5	2	Pathogenes of respiratory system.	Pathogenes of respiratory system.	Giving a lecture and using explanations	Examinations
6	2	Pathogenes of digestive system.	Pathogenes of digestive system.	Giving a lecture and using explanations	Examinatio
7	2	Pathogenes of urinary and sexual systems	Pathogenes of urinary and sexual systems	Giving a lecture and using explanations	Examinations
8	2	Food poisoning	Food poisoning	Giving a lecture and using explanations	Examinations
9	2	Contamination of hospitals	Contamination of hospitals	Giving a lecture and using explanations	Examinations
10	2	General characters of fungi	General characters of fungi	Giving a lecture and using explanations	Examinations
11	2	Fungi disease	Fungi disease	Giving a lecture and using explanations	Examinations
12	2	the viruses , shapes , sizes & some viral diseases	The viruses , shapes , sizes & some viral diseases	Giving a lecture and using explanations	Examinations
13	2	Introduction of parasites.	Introduction of parasites.	Giving a lecture and using explanations	Examinations
14	2	Protozoa , Entamoeba histolytica	Protozoa , Entamoeba histolytica	Giving a lecture and using explanations	Examinations
15	2	Flagellates, Giardia . Trichomonase	Flagellates, Giardia . Trichomonase	Giving a lecture and using explanations	Examinations
59.C	ourse E	valuation		•	
	0	e score out of 100 acco	rding to the tasks assig ritten exams, reports		nt such as daily

60.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Michael J. Leboffe. (2002). Microbiology: Laboratory Theory & Application, Brief 3e 3rd Edition
Main references (sources)	Subhash Chandra Parija. 2012. Textbook of Microbiology and Immunology, 2 <sup>nd</sup> edition. Elsevie
Recommended books and references (scientific journals, reports)	P.C. Trivedi, Sonali Pandey, Seema Bhadauria. 2010 TEXT BOOK OF MICROBIOLOGY. Aavishkar Publishers, Distributors. ISBN 978-81-7910-306-7.
Electronic References, Websites	

61	Course	Nama							
01.	61.Course Name: Biostatic 1								
62	62.Course Code:								
02.	Course	couc.							
63.	Semeste	er / Year:							
		ster first / 1 <sup>st</sup> year							
64.		tion Preparation D	ate:						
	-	l/ 2/24							
65.	Availab	le Attendance Form	s:						
		Direct							
66.	Number	of Credit Hours (T	otal) / Number of Ur	nits (Total)					
	2 hou	ırs / 2 units							
67.		ourse administrat	or's name (mentior	n all, if more t	han one				
	name)								
		Amal saheb							
	Email:								
69	Course	Obiactivas							
	Objective	Objectives	vith statistical data						
course	o sjeen e	Ũ	ith and knowing statistica	l and health metric	s				
			g the statistical form and						
		incidents	s such as births, deaths, ar	d diseases					
		g and Learning Stra	itegies						
Strateg	y	• Direct questions	1. 6.1 1 . 6						
			ality of the lecture from its into groups to discus		the practical				
70. Co	ourse Str		its into groups to discus						
Week	Hours	<b>Required Learning</b>	Unit or subject	Learning	Evaluation				
		Outcomes	name	method	method				
		Introduction to statistics and its types	Introduction to statistics and its types						
2&1	2	• Samples	• Samples	Giving a lecture and using	Examinations				
201	2	• Variables	• Variables	explanations	Examinations				
		• Classified and unclassified data.	• Classified and unclassified data.	L					
		Representing	Representing						
		frequency distributions for	frequency distributions						
		"classified data"	for "classified data"	Giving a lecture	<b></b>				
4&3	2	- Graphical display	- Graphical display methods (histogram,	and using explanations	Examinations				
		methods (histogram,	histogram, histogram,	explanations					
		histogram, histogram, polygon)	polygon)						
		porygon							

7&6&5	2	Measures of central tendency - arithmetic mean - median - mode	Measures of central tendency - arithmetic mean - median - mode		Giving a lecture and using explanations	Examinations
8	2	Methods of selecting statistical samples "its meaning and methods of selection"	Methods of selecting statistical samples "its meaning and methods of selection"		Giving a lecture and using explanations	Examinations
10&9	2	Preparing the questionnaire form for health and medical research	Preparing the questionnaire form for health and medical research		Giving a lecture and using explanations	Examinations
11	2	Definition of health statistics and confiscation	Definition of health statistics and confiscation		Giving a lecture and using explanations	Examination
&12 14&13	2	Life statistics: - The concept of ratio and rate - Death statistics - Birth statistics	Life statistics: - The concept of ratio and rate - Death statistics - Birth statistics		Giving a lecture and using explanations	Examinations
15	2	Statistics of causes of death (medical certificate, cause, death, death certificate)	Statistics of causes of death (medical certificate, cause, death, death certificate)		Giving a lecture and using explanations	Examinations
71.Co	ourse Ev	valuation		,		
		e score out of 100 accor ily oral, monthly, or wi				nt such as daily
		and Teaching Resou		5,1000105		
		oks (curricular books, if	Adnan Shaker Al-Rubaie - Principles of statistics and its uses in the field of public health / Ministry of Health 1981			
Main references (sources)				Banderford Hill. Fundamental in Biostatistics 1975 F. Margrette -Fundamental in Public health		ntal in
Recommended books and references (scientific journals, reports)				W.DIXON and F. massey _ Introduction to statistical Analysis Paul G. Hoel _ Introduction to mathematica statistics.		
Electron	nic Refer	ences, Websites				

72	<u>C</u>	NI					
/3.	73.Course Name: Clinical Chemistry 1						
74			emistry 1				
/4.	Course	Code:					
75	Carros a at	ware / Vaa					
/5.		er / Yea					
76			t / 1 <sup>st</sup> year	ata.			
/6.	-		eparation D	late:			
77	-	4/2/24	1 <b>F</b>				
//.	.Availat	ble Atten	dance Form	IS:			
70	NT1	n of Current	Direct		:ta (Tatal)		
/8.				otal) / Number of Ur	nits (10tal)		
	4 ho	urs / 4 ι	inits				
79	. ( name)	Course a	administrat	or's name (mentior	n all, if more th	nan one	
	/	Ashwaq	ouda				
	Email:	1					
80.	Course	Objectiv	ves 🛛				
	Objectiv		1	ent knows what clinical	chemistry is, its p	rinciples and its	
				in the field of medicine.			
				res the chemical compo	nents in the huma	an body in the	
01	<u> </u>	1.7	laboratory.				
		1	earning Stra				
Strateg	y		oretical lecture s (data show)	es and the use of modern	scientific metho	ds in presenting	
			, ,	on of theoretical vocabu	larv		
			tical training i				
82. Co	ourse St	ructure					
Week	Hours	Require Outcom	ed Learning les	Unit or subject name	Learning method	Evaluation method	
1	2	Safety standards when establishing or establishing workshops and scientific laboratories. Basic equipment to be available in laboratories . Safety precautions from the hazards of laboratory materials, chemicals and electricity. Chemical hazards and how to deal with them , Radiation hazards		Safety standards when establishing or establishing workshops and scientific laboratories. Basic equipment to be available in laboratories . Safety precautions from the hazards of laboratory materials, chemicals and electricity. Chemical hazards and how to deal with them , Radiation hazards and how to deal with them.	Giving a lecture and using explanations	Examinations	

		and how to deal with			
		them.			
2	2	Introduction to analytical chemistry - methods of expressing solution concentrations - molar concentration - standard concentration - percent concentration - methods of dilution and preparation of .laboratory solutions	Introduction to analytical chemistry - methods of expressing solution concentrations - molar concentration - standard concentration - percent concentration - methods of dilution and preparation of laboratory solutions.	Giving a lecture and using explanations	Examinations
3	2	Hydrogen concentration (pH) - the importance of the hydrogen concentration in the human body - the hydrogen concentration of the blood - buffer solutions - their properties and methods of preparation.	Hydrogen concentration (pH) - the importance of the hydrogen concentration in the human body - the hydrogen concentration of the blood - buffer solutions - their properties and methods of preparation.	Giving a lecture and using explanations	Examinations
4	2	Analytical methods used in clinical chemistry laboratories - qualitative analysis - quantitative analysis - types of quantitative analysis	Analytical methods used in clinical chemistry laboratories - qualitative analysis - quantitative analysis - types of quantitative analysis	Giving a lecture and using explanations	Examinations
5	2	Chromatography - Types of chromatography - Beer's law - Beer- Lambert's law - Standard solution	Chromatography - Types of chromatography - Beer's law - Beer- Lambert's law - Standard solution	Giving a lecture and using explanations	Examinations
6	2	Definition of biochemistry - Definition of clinical chemistry - Body fluids and their importance in conducting clinical chemistry tests - Urine - Urine collection and methods of preservation - The formation of urine in	Definition of biochemistry - Definitio of clinical chemistry - Body fluids and their importance in conducting clinical chemistry tests - Urine Urine collection and methods of preservatior - The formation of urin in the human body - Normal rate of urine excretion - Definition o	Giving a lecture and using explanations	Examination

			· · ·	1	
		the human body - Normal rate of urine	excessive urine -		
			Definition of poor urine		
		excretion - Definition	Definition of lack of		
		of excessive urine -	urine		
		Definition of poor			
		urine - Definition of			
		lack of urine			
		Natural and unnatural	Natural and unnatural		
		components of urine -	components of urine -		
		general urine analysis	general urine analysis -	Giving a lecture	
7	2	clinical importance -	clinical importance -	and using	Examinations
		urinary system stones	urinary system stones	explanations	
		and their types - and	and their types - and	1	
		the reasons for their	the reasons for their		
		formation	formation		
		Blood vessels (arteries	Blood vessels (arteries		
0	2	-veins-capillary blood	-veins-capillary blood	Giving a lecture	Examinations
8	2	vessels) properties –	vessels) properties –	and using	Examinations
		blood cycle (pulmonary	blood cycle	explanations	
		&systemic	(pulmonary &systemic		
		Blood pressure –	Blood pressure –	Giving a lecture	
9	2	normal value- factors	normal value- factors	and using	Examinations
		effecting of blood	effecting of blood	explanations	
		pressure Descrimentaria	pressure	<b>•</b>	
	2	Respiratory system –	Respiratory system –	Giving a lecture	
10		structure – expiration –	structure –expiration –		<b>F</b> ii
10		inspiration –	inspiration –	and using	Examinations
		respiratory muscles –	respiratory muscles –	explanations	
		respiratory rate.	respiratory rate.		
		Pulmonary volume –	Pulmonary volume –	Giving a lecture	
11	2	pulmonary ventilation	pulmonary ventilation	and using explanations E	<b>F</b> ii
11	2	- regulation of gas	- regulation of gas		Examinations
		exchange in blood by	exchange in blood by		
		respiration.	respiration		
10	2	Urinary system –	Urinary system –	Giving a lecture	Entrations
12	2	structure – functions	structure – functions	and using	Examinations
		Equations of hidrows	Eventions of hide and	explanations	
		Functions of kidneys-	Functions of kidneys-	Giving a lecture	
13	2	composition of urine – cast and stone in	composition of urine –	and using	Examinations
			cast and stone in urine	explanations	
		urine normal	normal	-	
1.4	2	Ear and eye (	Ear and eye (structure	Giving a lecture	Enominatio
14	2	structure and	and functions)	and using	Examinations
		functions)	,	explanations	
15	2	Skin (Define,	Skin (Define,	Giving a lecture	Essent' ('
15	2	Structures,	Structures, Functions)	and using	Examinations
00.0		Functions)	. /	explanations	
		valuation			
Distrib	uting the	e score out of 100 acco	rding to the tasks assig	gned to the stude	nt such as daily
prepar	ation, da	uly oral, monthly, or w	ritten exams, reports.	etc	-
		and Teaching Resou			
D	1 4 4	-1 (1 1 1 ''	Clinical C	Chemistry/Moham	ed Fathi Al-
Kequire	ed textbo	oks (curricular books, if	( only )	echnical Educatio	
-					

	General Chemistry / Saeeba Abdullah - Hanaa Salman - Maysoon Suleiman / Technical Education Authority			
Main references (sources)	Clinical chemistry binding/Mohamed Ramzi Al-Omari/Technical Education Authority			
Recommended books and references (scientific journals, reports)	Guyton, A. C. and Hall, J. E. 2006. Textbook of Medical Physiology. 11th Edition. Saunders, Philadelphia. USA. – Bipin Kumar. 2001. Human Physiology. Campus Book International, New Delhi.			
Electronic References, Websites				

С		Name:								
	Computer Applications 1									
<u> 0U.</u>	86.Course Code:									
00.000130 0000.										
07 Comparison / Veren										
87.Semester / Year:										
Semester first / 1 <sup>st</sup> year										
88.Description Preparation Date:										
2024/ 2/24										
89.	89.Available Attendance Forms:									
			Direct							
90	Number	r of Crea		otal) / Number of Ur	nits (Total)					
70.		$\frac{1}{\text{urs}} / 3$								
91		Course a	administrat	or's name (mention	n all, if more tl	nan one				
	name)									
	Name:	Hussien	ali							
	Email:									
92.	Course	Objectiv	ves							
	Objectiv	•		nt must be able to deal wit	h a computer, be f	amiliar with its				
	Ū			understand how to use its	-					
93	Teachir	og and L	earning Stra							
Strateg		0	0	using modern presentat	ion methods					
~						he theoretical to				
	• Direct questions, transferring the reality of the lecture from the theoretical to practical									
		1		ts into groups to discuss	specific topics					
94. Co	ourse St	ructure								
Week	Hours	Require	ed Learning	Unit or subject	Learning					
		Outcom	ies	name method method						
					method					
			inition of	Definition of	method					
		comp	uters: their	Definition of computers: their						
1	2	comp genera	uters: their tions - their	Definition of computers: their generations - their	Giving a lecture	method				
1	2	comp genera compone	uters: their tions - their ents: hardware	Definition of computers: their generations - their components: hardware	Giving a lecture and using					
1	2	comp genera compone and softw	uters: their tions - their ents: hardware ware - (system	Definition of computers: their generations - their components: hardware and software - (system	Giving a lecture	method				
1	2	comp genera compone and softw soft	uters: their tions - their ents: hardware vare - (system ware and	Definition of computers: their generations - their components: hardware and software - (system software and	Giving a lecture and using	method				
1	2	comp genera compone and softv soft applicati	uters: their tions - their ents: hardware ware - (system ware and ion software).	Definition of computers: their generations - their components: hardware and software - (system software and application software).	Giving a lecture and using	method				
1	2	comp genera compone and softw soft application ms-DC	uters: their tions - their ents: hardware vare - (system ware and	Definition of computers: their generations - their components: hardware and software - (system software and	Giving a lecture and using	method				
1	2	comp genera compone and softw soft application ms-DC system, to	uters: their tions - their ents: hardware vare - (system ware and ton software). OS operating	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system -	Giving a lecture and using	method				
1	2	comp genera compone and softv soft applicati ms-DC system, t the opera the syste	uters: their tions - their ents: hardware ware - (system ware and ion software). OS operating the concept of ating system - m signal - the	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the	Giving a lecture and using	method				
1	2	comp genera compone and softy soft applicati ms-DC system, t the opera the syste disks - t	uters: their tions - their ents: hardware ware - (system ware and ton software). OS operating the concept of ating system - m signal - the he directories	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories	Giving a lecture and using explanations	method				
2	2	comp genera compone and softw soft application ms-DC system, to the opera the syste disks - to and the	uters: their tions - their ents: hardware ware - (system ware and ton software). OS operating the concept of ating system - m signal - the he directories ir levels and	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files	Giving a lecture and using explanations Giving a lecture	method				
		comp genera compone and softw soft application ms-DC system, to the opera the system disks - the and the files - o	uters: their tions - their ents: hardware ware - (system ware and ion software). OS operating the concept of ating system - m signal - the he directories ir levels and r the internal	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files - or the internal	Giving a lecture and using explanations Giving a lecture and using	method				
		comp genera compone and softy soft applicati ms-DC system, t the opera the syste disks - tl and the files - o operat	uters: their tions - their ents: hardware ware - (system ware and ion software). OS operating the concept of ating system - m signal - the he directories ir levels and r the internal ting system	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files - or the internal operating system	Giving a lecture and using explanations Giving a lecture	method				
		comp genera compone and softy soft application ms-DC system, for the opera- the system disks - the and the files - of operation	uters: their tions - their ents: hardware ware - (system ware and ion software). OS operating the concept of ating system - m signal - the he directories ir levels and r the internal ting system mands -	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files - or the internal operating system commands -	Giving a lecture and using explanations Giving a lecture and using	method				
		comp genera compone and softw soft applicati ms-DC system, t the opera the syste disks - t and the files - o operation com	uters: their tions - their ents: hardware ware - (system ware and ion software). DS operating the concept of ating system - m signal - the he directories ir levels and r the internal ting system mands - TERNAL	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files - or the internal operating system commands - INTERNAL	Giving a lecture and using explanations Giving a lecture and using	method				
		comp genera compone and softw soft application ms-DC system, to the opera- the syste disks - the and the files - o operation com INT COMM	uters: their tions - their ents: hardware ware - (system ware and ion software). OS operating the concept of ating system - m signal - the he directories ir levels and r the internal ting system mands -	Definition of computers: their generations - their components: hardware and software - (system software and application software). ms-DOS operating system, the concept of the operating system - the system signal - the disks - the directories and their levels and files - or the internal operating system commands -	Giving a lecture and using explanations Giving a lecture and using	method				

		commands (hgh, hlv,	(hgh, hlv, the most			
		the most frequently	frequently use			
		used commands).	commands).			
3-12		Internal commands:	Internal commar		Giving a lecture	
		Dir-Del-time-Data-	Dir-Del-time-Data	a-Cls-		
	2	Cls-RD-CD-MD-	RD-CD-MD-Echo-		and using	Examinations
		Echo-Ren-Copy-	Ren-Copy-Vol-V	Ver-	explanations	
		Vol-Ver-Path	Path			
13-15	2	Windows operating system: The concept of the windows system - its advantages - and basic requirements - operating the system	Windows operating system: The concept of the windows system - its advantages - and basic requirements - operating the system		Giving a lecture and using explanations	Examinations
95.Course Evaluation						
Distributing the score out of 100 according to the tasks assigned to the student such as daily						
preparation, daily oral, monthly, or written exams, reportsetc						
96.Learning and Teaching Resources						
Required textbooks (curricular books, if any)						
Main references (sources)						
Recommended books and references (scientific						
journals, reports)						
Electro	nic Refe	rences, Websites				

	.course	Name:					
Human rights and democracy							
98.	98.Course Code:						
99.Semester / Year:							
Semester first / 1 <sup>st</sup> year							
100. Description Preparation Date:							
2024/ 2/24							
101. Available Attendance Forms:							
10.							
10/	<u> </u>	Direct	(Total) / Number	aflaita (Tat	<u>a1)</u>		
102			ours (Total) / Number	r of Units (10t	al)		
		urs / 2 units					
10		course administrat	or's name (mentior	n all, it more t	han one		
	name)						
		saif saad					
	Email:						
104	4. <b>(</b>	Course Objectives					
Course	Objectiv	es • The student learns	s about human principles, v	alues, and rights, i	ntroduces them,		
		and educates ge	nerations to respect and ad	here to them.			
		• Learn about gener	ral freedoms and what thes	se freedoms are in	their details		
105	5. 7	<b>Feaching and Learni</b>	ng Strategies				
Strateg	Strategy         Delivering theoretical lectures, direct questions,						
106.C	106.Course Structure						
	ourse S	<b>v</b>	etical lectures, direc	t questions,			
Week		tructure	etical lectures, direc	t questions,	Evaluation		
Week		<b>v</b>			Evaluation method		
Week		tructure Required Learning Outcomes Human rights - their	Unit or subject name Human rights - their	Learning method Giving a			
Week		ructure Required Learning Outcomes	Unit or subject name	Learning method Giving a lecture and			
	Hours	tructure Required Learning Outcomes Human rights - their	Unit or subject name Human rights - their	Learning method Giving a lecture and using	method		
	Hours	tructure Required Learning Outcomes Human rights - their definition - their goals	Unit or subject name Human rights - their definition - their goals	Learning method Giving a lecture and using explanations	method		
1	Hours 2	tructure Required Learning Outcomes Human rights - their	Unit or subject name Human rights - their	Learning method Giving a lecture and using	method Examinations		
	Hours	tructure Required Learning Outcomes Human rights - their definition - their goals Human rights in	Unit or subject name Human rights - their definition - their goals Human rights in divine	Learning method Giving a lecture and using explanations Giving a	method		
1	Hours 2	Required Learning         Outcomes         Human rights - their         definition - their goals         Human rights in         divine laws, with a	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on	Learning method Giving a lecture and using explanations Giving a lecture and	method Examinations		
1	Hours 2	Image: tructure         Required Learning         Outcomes         Human rights - their         definition - their goals         Human rights in         divine laws, with a         focus on human rights         in Islam         Non-governmental	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental	Learning method Giving a lecture and using explanations Giving a lecture and using	method Examinations		
1	Hours 2	Image: tructure       Image: tructure         Required Learning       Outcomes         Human rights - their definition - their goals       Image: their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam       Image: their definition - their goals         Non-governmental organizations and       Image: their definition - their goals	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and	Learning method Giving a lecture and using explanations Giving a lecture and using	method Examinations		
1	Hours 2	Image: tructure       Image: tructure         Required Learning       Outcomes         Human rights - their definition - their goals       Image: tructure         Human rights in divine laws, with a focus on human rights in Islam       Image: tructure         Non-governmental organizations and human rights       Image: tructure	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights	Learning method Giving a lecture and using explanations Giving a lecture and using explanations	method Examinations		
1	Hours 2	Image: tructure         Required Learning         Outcomes         Human rights - their         definition - their goals         Human rights in         divine laws, with a         focus on human rights         in Islam         Non-governmental         organizations and         human rights         (International	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International	Learning method Giving a lecture and using explanations Giving a lecture and using explanations	method Examinations		
1	Hours 2	Image: tructure       Image: tructure         Required Learning       Outcomes         Human rights - their definition - their goals       Image: their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam       Image: their definition - their goals         Non-governmental organizations and human rights (International Committee of the Red       Image: their definition - their goals	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and	method Examinations		
1	Hours 2 2	Image: tructure       Image: tructure         Required Learning       Outcomes         Human rights - their definition - their goals       Image: their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam       Image: their definition - their goals         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty       Image: their definition - their goals	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and using	method Examinations Examinations		
1	Hours 2 2	Image: tructure       Image: tructure         Required Learning Outcomes         Human rights - their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and	method Examinations Examinations		
1	Hours 2 2	Image: tructure         Required Learning Outcomes         Human rights - their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and using	method Examinations Examinations		
1	Hours 2 2	Image: tructure         Required Learning Outcomes         Human rights - their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab Human Rights	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab Human Rights	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and using	method Examinations Examinations		
1	Hours 2 2	Image: tructure         Required Learning Outcomes         Human rights - their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and using explanations	method Examinations Examinations		
1	Hours 2 2	Image: tructure       Image: tructure         Required Learning Outcomes         Human rights - their definition - their goals         Human rights in divine laws, with a focus on human rights in Islam         Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab Human Rights Organizations).	Unit or subject name Human rights - their definition - their goals Human rights in divine laws, with a focus on human rights in Islam Non-governmental organizations and human rights (International Committee of the Red Cross - Amnesty International - Human Rights Watch - Arab Human Rights Organizations).	Learning method Giving a lecture and using explanations Giving a lecture and using explanations Giving a lecture and using	method Examinations Examinations		

				•		
		reality - The Iraqi	reality - The Iraqi	using		
		Constitution	Constitution	explanations		
		The relationship	The relationship			
		between human rights	between human rights			
	2	<ul><li>and public freedoms:</li><li>In the Universal</li></ul>	<ul><li>and public freedoms:</li><li>In the Universal</li></ul>	Giving a		
5				lecture and	Examinations	
		Declaration of Human	Declaration of Human	using		
		Rights	Rights	explanations		
		• In regional charters and national	<ul> <li>In regional charters and national</li> </ul>	*		
		constitutions	constitutions			
				Civing o		
		Modern human rights:	Modern human rights:	Giving a		
6	2	Economic, social, cultural, civil and	Economic, social, cultural, civil and	lecture and using	Examinations	
				explanations		
		political human rightsGuarantees of respect	political human rights	explainations		
		and protection of	Guarantees of respect and protection of			
		human rights at the	human rights at the			
		national and	national and			
		international levels.	international levels.	Giving a	Examinations	
7	2	The role of non-	The role of non-	lecture and using		
'	4	governmental	governmental		Lammations	
		organizations in	organizations in	explanations		
		respecting and	respecting and			
		protecting human	protecting human			
		rights	rights			
		The general theory of	The general theory of			
		freedoms: the origin	freedoms: the origin of			
		of rights and freedoms	rights and freedoms -	Giving a	1	
8	2	- the project's position	the project's position	lecture and	Examinations	
		on declared rights and	on declared rights and	using		
		freedoms - the use of	freedoms - the use of	explanations		
		the term freedoms	the term freedoms			
		Equality: the historical	Equality: the historical			
		development of the	development of the			
		concept of equality:	concept of equality:			
		-The modern	-The modern	Giving a		
		development of the	development of the	lecture and		
9	2	idea of equality	idea of equality	using	Examinations	
		-Gender equality -	-Gender equality -	explanations		
		equality between	equality between	enplanations		
		individuals according	individuals according			
		to their beliefs and	to their beliefs and race			
		race	Domooraan ita	Civing		
		Democracy - its	Democracy - its	Giving a lecture and		
10	2	definition - its types	definition - its types		Examinations	
				using explanations		
		Democratic systems in	Democratic systems in	Giving a		
		the world	the world	lecture and		
11	2			using	Examinations	
				explanations		
		The crime of genocide	The crime of genocide	Giving a		
	_		Selfective of Bellevide	lecture and		
12	2			using	Examinations	
			•	using		

		The concept of	The concept of				
		freedoms and the	freedoms and the			Examinations	
13		preservation of public	preservation of public		Giving a lecture and		
	2	freedoms:	freedoms:				
15 2		-Fundamental	-Fundamental		using	Examinations	
		freedoms, intellectual	freedoms,	intellectual	explanations		
		freedoms, economic	freedoms,	economic			
		and social freedoms	and social freedoms				
		Freedom of security	Freedom of security		Giving a		
14	2	and feeling of	and feeling of		lecture and	Examinations	
14	4	reassurance - freedom	reassurance - freedom		using		
		to come and go	to come and go		explanations		
		Freedom of education		Freedom of education -			
15	2	- freedom of the press	freedom of the press		lecture and	Examinations	
15	4	Freedom of assembly	Freedom of assembly -		using		
		- freedom of women	freedom o	of women	explanations		
107. Course Evaluation							
Distributing the score out of 100 according to the tasks assigned to the student such as daily							
preparation, daily oral, monthly, or written exams, reportsetc							
108. Learning and Teaching Resources							
Required textbooks (curricular books, if any) Academic skills							
Main references (sources)							
Recom	mended	books and references	(scientific				
journal	journals, reports)						
	Electronic References, Websites						

10	9 (	Course N	ame			
10.		munity				
11	110. Course Code:					
11	1. S	emester	: / Year:			
			ond / 1 <sup>st</sup> yea	r		
112			ion Prepara			
	202	4/2/24				
11.	3. A	vailable	Attendance	e Forms:		
			Direct			
114	4. N	Number o	of Credit Ho	ours (Total) / Number	r of Units (Tota	ul)
	5 ho	urs / 5 ι	inits			
11		Course a	administrat	or's name (mentior	n all, if more th	nan one
	name)					
		Hussien	aziz			
	Email:					
11	6 (		hightigan			
	Objectiv		bjectives •To know t	he goals and strategies of t	he community heal	Ith system
course	objectiv	65		ut the services and duties	-	÷
			centers		1 1	5
				ow to organize the family 1	registry forms for p	regnant women
			and childr		с : I	. 1 1 11
			• I o know t them	he most important types of	of vaccines and wa	ys to deal with
				ealth information and mea	sures of health and	l illness
11'	7 Т	eaching	and Learning	ng Strategies		
Strateg				es and the use of modern	scientific method	ds in presenting
	-		s (data show)			
		2. Pract	tical applicati	on of theoretical vocabu	lary	
110 0	C		tical training i	in hospitals		
Week	ourse St Hours		d Learning	Unit or subject	Learning	Evaluation
WEEK	Hours	Outcom	0	name	method	method
		The d	lisease, its	The disease, its causes,		
1	2		factors that the disease	and factors affecting the occurrence of the	Giving a lecture and using	Examinations
1			ative, host,	disease (the	explanations	Lxammations
			conment).	epidemiological triad)		
2	2		ducation and	Health education and its	Giving a lecture and using	Examinations
	-	its pr	ocedures	procedures	explanations	Zatalinations

		<b>A</b> (				
	_	Acute respiratory	Acute respiratory	Giving a lecture		
3	2	infections and their	infections and their	and using	Examinations	
		control	control	explanations		
		Nutrition and food -	Nutrition and food -			
		the basic elements of	the basic elements of			
		lunch and how they	lunch and how they	Giving a lecture		
4	2	affect the structure,	affect the structure,	and using	Examinations	
·	-	growth and	growth and	explanations	Enumerons	
		development of the	development of the	<b>I</b>		
		child - diseases of	child - diseases of			
		malnutrition	malnutrition			
		The concept of school	Sahaal haalth	Civing a lastura		
5	2	health and mental	School health -	Giving a lecture	Examinations	
5	2	health - the	services - goals -	and using	Examinations	
		emergence of school health services	programs	explanations		
		Objectives and				
		importance of school	Objectives and	Giving a lecture		
6	2	health - development	importance of school	and using	Examination	
0	2	of school health	health - development of	explanations	Examination	
		systems	school health systems	explanations		
		School health	School health	Giving a lecture		
7	2	strategies, services and	strategies, services and	and using	Examinations	
		duties	duties	explanations		
		Components of health,	Components of health,			
			school health -	school health -		
		conditions of the school	conditions of the	Giving a lecture		
8	2	environment - the	school environment -	and using	Examinations	
0		importance of a healthy	the importance of a	explanations	Examinations	
		school relationship with	healthy school	empianations		
		society	relationship with			
		-	society			
		Nutrition and food - the basic elements of	Procedures followed in			
		food and how they	inspecting the school			
		affect the structure,	environment - drinking	Giving a lecture		
9	2	growth and	water (general	and using	Examinations	
		development of the	conditions - drawing	explanations		
		child - diseases of	and analyzing models)			
		malnutrition	- sanitary facilities			
		Initial examination	Initial examination			
		procedures for new	procedures for new			
		students (sight, hearing	students (sight, hearing,	Civing a lasture		
10	2	speech, and physical	speech, and physical	Giving a lecture	Examinations	
10	2	examination (physical	examination (physical	and using explanations	Examinations	
		disabilities)) disabilities))	disabilities))	explainations		
		-Primary eye and	-Primary eye and dental			
		dental care)	care)			
		Prevention and	Prevention and control	Giving a lecture		
		control of	of communicable	and using		
11	2	communicable	diseasesPrinciples of	explanations	Examinations	
		diseasesPrinciples	prevention - types of			
		of prevention - types	prevention			
		of prevention				

		Some communicable	Some con	nmunicable			
		diseases (mumps -		(mumps -	Giving a lecture	<b>F</b> :	
12	2	measles - German		- German	and using	Examinations	
		measles)	mea	asles)	explanations		
13	2	Some sexually transmitted diseases (AIDS - viral hepatitis type B) - symptoms - prevention - treatment	Some sexually transmitted diseases (AIDS - viral hepatitis type B) - symptoms - prevention - treatment		Giving a lecture and using explanations	Examinations	
		Health and disease	Health an		Giving a lecture		
14	2	measures - disease	measures - disease incidence rate - disease		and using	Examinations	
		incidence rate - disease spread rate	spread		explanations		
		Health	sprea		<u></u>		
15	2	administration	Objectives of health		Giving a lecture and using	Examinations	
15	2	introduction and	adminis	stration	explanations	Examinations	
110	<u> </u>	objectives			<u>r</u>		
		Evaluation					
		e score out of 100 acco				nt such as daily	
		ily oral, monthly, or w		s, reports	etc		
120.	Learnir	ng and Teaching Res	ources				
Require	Required textbooks (curricular books, if any)			Principles Hussein	of community	health/Nazira	
Main re	eferences	(sources)					
Recom	mended	books and references	(scientific				
journal	s, reports	)					
Electro	nic Refe	ences, Websites		W	WW.MEDSCAPE.COM	1	

12	1. (	Course N	ame:					
			ls of Nursi	ng 2				
122		Course Code:						
12	3. S	emester	: / Year:					
			ond / $1^{st}$ year	ar				
124			on Prepara					
		4/2/24						
12	-		Attendance	e Forms:				
			Direct					
12	6. N	Jumber o		ours (Total) / Number	r of Units (Tota	1)		
		urs / 4 ι						
12		/		or's name (mentior	all if more th	nan one		
. –	name)							
	/	Mustafa	hakem					
	Email:	mustara	nakem					
	Linan.							
12	8 (	Course O	bjectives					
	Objectiv		0	e of nursing property				
	Ū		•	e of vital signs, how to me	asure them, and lal	poratory tests		
				f administering and storin		2		
			• First aid	-				
12	9. Т	Teaching	and Learni	ng Strategies				
Strateg	y	1. Theo	oretical lecture	es and the use of modern	scientific metho	ds in presenting		
			s (data show)					
				on of theoretical vocabu	lary			
130 C	ourse St		tical training i	in nospitais				
Week	Hours		d Learning	Unit or subject	Learning	Evaluation		
WCCK	Hours	Outcom	0	name	method	method		
		Role	of Nurse in	Role of Nurse in				
			ng blood	giving blood	Giving a lecture			
1	2		on the goal of ransfusion,	transfusion the goal of blood transfusion ,	and using	Examinations		
			ant notes in	important notes in	explanations			
			l infusion.	blood infusion .				
			on & oxygen,	Inhalation & oxygen,				
		metho	d of giving	method of giving	Giving a lecture			
2	2		goals, nursing	oxygen, goals, nursing	and using	Examinations		
			tions during	observations during	explanations			
			g oxygen .	giving oxygen .				
			asogastric	Nasogastric feeding, nursing procedures and	Giving a lecture			
3	2		ing, nursing	nursing care, gastric	and using	Examinations		
		-	edures and g care, gastric	lavage, definition,	explanations			
		nursill	s care, gasure					

		lavage, definition,	goals, nursing care		
		goals, nursing care	during gastric lavage		
		during gastric			
		lavage			
		Urinary	. Urinary		
		catheterization,	catheterization,		
		definition, goals,	definition, goals,	Giving a lecture	
4	2	nursing observations,	nursing observations,	and using	Examinations
-	2	enema, definition,	enema, definition,	explanations	Examinations
		goals, nursing	goals, nursing	explanations	
		observations.	observations.		
		Pre & post-operative	Pre & post-operative		
		nursing care nursing	nursing care nursing		
		care in recovery	care in recovery room,		
_	•	room, complications	complications after	Giving a lecture	
5	2	after surgery	surgery (bleeding,	and using	Examinations
		(bleeding, wound	wound contamination,	explanations	
		contamination,	embolus, constipation		
		embolus, constipation	· · · · · · · · · · · · · · · · · · ·		
		First aid, goals,	, First aid, goals,	Giving a lecture	
6	2	general principles in	general principles in first		Examination
		first aid.	aid.	explanations	
		First aid of wounds,	First aid of wounds,		
		types of wounds (open	types of wounds (open,		
		close) wounds	close) wounds	Giving a lecture	
7	2	contamination, signs	contamination, signs	and using	Examinations
		and symptoms of	and symptoms of	explanations	
		wound infection	wound infection		
		treatment procedures .	treatment procedures		
		First aid in bleeding,	First aid in bleeding,		
		definition, types of	definition, types of		
		bleeding (arterial,	bleeding (arterial,	~	
	2	venous capillary) first	venous capillary) first	Giving a lecture	
8		aid of all types of	aid of all types of	and using	Examinations
		bleeding, Epitasis,	bleeding, Epitasis,	explanations	
		definition, first	definition, first aid and		
		aid and nursing	nursing procedures		
		procedures.	Elect 1 C 1 1		
		First aid of shock,	First aid of shock,		
		definition, types of	definition, types of	Giving a lecture	
9	2	shock (neurogenic,	shock (neurogenic,	and using	Examinations
		psychiatric, toxic,	psychiatric, toxic,	explanations	
		anaphylactic,	anaphylactic,	-	
	2	cardiogenic.) First aid in	cardiogenic) First aid in fractures,		
	2	first aid in fractures, definition,	definition, types of		
10		types of fractures	fractures, signs and		
		,signs and symptoms,	symptoms,	Giving a lecture	
		complications,	complications, nursing	and using	Examinations
		nursing care for	care for patient treated	explanations	
		patient treated by	by splint.		
		splint.	by spint.		
	2	First aid of burns,	First aid of burns,	Giving a lecture	
11	~	definition, types and	definition, types and	and using	Examinations
11					

		degree of burns,		of burns,		
	2	complications .		cations.		
12	2	First aid of poison and poisoning, definition, sign and symptoms, types of poisons, general principles in poisoning treatment of poisoning.	First aid of poison and poisoning, definition, sign and symptoms, types of poisons, general principles in poisoning treatment of poisoning		Giving a lecture and using explanations	Examinations
13	2	First aid of asphyxia, definition, signs and symptoms of asphyxia, drowning, definition, signs and symptoms of drowning, first aid for drowning person.	First aid of asphyxia, definition, signs and symptoms of asphyxia, drowning, definition, signs and symptoms of drowning, first aid for drowning person .		Giving a lecture and using explanations	Examinations
14	2	First aid of cardiac arrest and respiration failure, definition of artificial respiration, types (mouth to mouth, Schafer's method .)	First aid of cardiac arrest and respiration failure, definition of artificial respiration, types (mouth to mouth, Schafer's method)		Giving a lecture and using explanations	Examinations
15	2	Cardiac arrest, signs, cardiac massage and nursing procedures during cardiac massage	cardiac m nursing p	rest, signs, assage and rocedures cardiac sage.	Giving a lecture and using explanations	Examinations
131.	Course	Evaluation				
Distrib prepar	outing the ation, da	e score out of 100 acco aily oral, monthly, or w	ritten exam	-		nt such as daily
132.	Learnir	ng and Teaching Res	ources	<b>D</b> · · ·		
Require	ed textbo	oks (curricular books, i	f any)	Principles of practical nursing foundations/Nazira Hussein of nursing phaeladelphia		
Main references (sources)			Salwa Abbas - Principles of Nursing Foundations - Ministry of Health - Healt Education Foundation 1995. -Fuerst fundamenta1		Health - Health 5.	
Recom	mended l	books and references (se	cientific	Ahlam Fa	rag, Elham Amin	- Basic Principle
	s, reports	,		Nursing -	Ministry of High Research - 2986	-
Electro	onic Refe	rences, Websites				

13.	3. (	Course Name:					
	General Anatomy 2						
134	34. Course Code:						
13:	5. S	Semester / Year:					
	Seme	ester second / 1 <sup>st</sup> yea	r				
130	6. I	Description Prepara	ation Date:				
	202	4/2/24					
13'	7. A	Available Attendance	e Forms:				
		Direct					
138	8. N	Number of Credit Ho	ours (Total) / Number	r of Units (Tota	al)		
	4 ho	urs / 4 units					
139			s name (mention all, if	more than one	name)		
		Duaa hadi					
	Email:						
140		Course Objectives					
Course	Objectiv		The students at the end of				
			ze all the parts of the huma he students will be able to		lly.		
		-	between the functions and		each part of the		
		body.		<i>,,</i>	and part of the		
		•	medical doctor in diagno	osis and treatment	in some way,		
		primarily and sim	ply as necessary.				
14	1. Т	Teaching and Learni	ng Strategies				
Strateg			modern presentation me	thods, such as usi	ng the anatomy a		
	-	program			-		
			ing the reality of the lect	ture from the theo	oretical to the		
	prac		groups to discuss specifi	ic topics			
142.C	ourse St		<u>Stoups to discuss speen</u>				
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation		
		Outcomes	name	method	method		
1	2	Muscles of leg and	Muscles of leg and	Giving a lecture	Examinations		
1	2	foot	foot	and using explanations	Examinations		
			Muscles of the trunk,	r			
			muscles of the thorax	Giving a lecture			
2	2	Muscles of the trunk	(superficial and deep) , muscles of the	and using	Examinations		
			abdomen, muscles of	explanations			
			the back .				
		Nervous system :brain	Nervous system :brain	Giving a lecture			
3	2	, cerebrum ,	, cerebrum , cerebellum	and using	Examinations		
		cerebellum ,	, brain stem	explanations			
		cerebellum,		•			

4	2	Spinal cord, ventricles of the brain	Spinal ventricles	cord of the brain	Giving a lecture and using explanations	Examinations
5	2	Peripheral nervous system, cranial nerves numbers and functions	Peripheral nervous system, cranial nerves and numbers functions		Giving a lecture and using explanations	Examinations
6	2	Spinal nerves	Spina	l nerves	Giving a lecture and using explanations	Examination
7	2	Autonomic nervous system, parts and functions	system,	ic nervous parts and tions	Giving a lecture and using explanations	Examinations
8	2	Digestive system	•	and	Giving a lecture and using explanations	Examinations
9	2	Cardio- vascular system, Blood vessels in general	Cardio- system, Bl	vascular ood vessels eneral	Giving a lecture and using explanations	Examinations
10	2	Blood and heart	Blood a	nd heart	Giving a lecture and using explanations	Examinations
11	2	Veins and arteries, systemic circulation arteries, thoracic aorta	Veins and systemic c arteries, the	rculation	Giving a lecture and using explanations	Examinations
12	2	Abdominal aorta and its branches		aorta and its	Giving a lecture and using explanations	Examinations
13	2	Veins of the systemic circulation , veins of the lower limb , veins of the abdomen	circulation the lower	he systemic on , veins of limb , veins abdomen	Giving a lecture and using explanations	Examinations
14	2	Veins of the head and neck, applied points, veins and arteries, pulmonary circulation	Veins of th neck , appl veins and pulmonary	ied points , arteries ,	Giving a lecture and using explanations	Examinations
15	2	Lymphatic system and respiratory system	Lymphatic respirator		Giving a lecture and using explanations	Examinations
143.	Course	Evaluation				
prepar	ation, da	e score out of 100 acco ily oral, monthly, or w	ritten exam			nt such as daily
144.	Learnin	g and Teaching Res	ources		0	
-		oks (curricular books, if	f any)	Azawi, 4	of anatomy , Dr <sup>th</sup> edition , 1988.	
		(sources)		-	of anatomy , Dr. - Raheim & Dr. A	
	mended s, reports	books and references)	(scientific	Ba	sic anatomy	
-		rences, Websites		W	WW.MEDSCAP	E.COM

145.	Co	urse Name:					
115.		blogy 2					
146.	146. Course Code:						
147.	Se	mester / Year:					
		ter second / 1 <sup>st</sup> year					
148.		scription Preparati	on Date:				
	2024/						
149.	Av	vailable Attendance I	Forms:				
		Direct					
150.	Nu	mber of Credit Hou	rs (Total) / Number	of Units (Tota	al)		
	4 hou	rs / 4 units					
151.	Co	ourse administrator	's name (mention	all, if more the	nan one		
n	ame)						
N	lame: A	li Musa					
E	mail:						
152.		ourse Objectives					
Course O	bjectives	1 The student	is able to know physic	ology of human b	oody		
		(Structure a	nd functions)				
			is able to done more c	linical examinati	on that		
		Related wit	h physiology				
153.	Те	aching and Learning	Strategies				
Strategy		Direct questions					
			reality of the lecture from				
154.0	<b>C</b> .	-	ents into groups to disc	cuss specific topi	cs		
154.Cou				T	T		
vv eek	Hours	Required Learning Outcomes	name	method	Evaluation method		
				Giving a			
1	2	Digestive system –	Digestive system –	lecture and	Examinations		
		Parts of it.	Parts of it.	using explanations			
		Stages of digestion (	Stages of digestion (	Giving a			
2	2	Oral, Stomach,	Oral, Stomach,	lecture and	Examinations		
		Intestine). and digestives enzymes.	Intestine). and digestives enzymes.	using explanations			
			argestives enzymes.	Giving a			
3	2	Intestinal functions	Intestinal functions	lecture and	Examinations		
-	_	and absorption. and absorption. using explanations					
		Digostius sustan	Digestive system				
	-	Digestive system glands (salivary glands	glands (salivary	Giving a lecture and			
4	2	, pancreas- Liver)	glands , pancreas- Liver) structure -	using	Examinations		
		structure -Functions	Functions.	explanations			

					Cining a	
_	2	Gallbladder –	Gallbla		Giving a lecture and	<b>D</b>
5	2	structures and functions	structures and functions		using	Examinations
		Tunctions	Tulle		explanations	
6	2	Stool formation	Stool fe	ormation	Giving a lecture and using	Examination
0	-	2000110111000			explanations	
		Nervous system –	Nervous		Giving a	
7&8	2	2 structure – functions 2 Central nervous system	structure – Central 1		lecture and	Examinations
100	-	-peripheral nervous	system –p		using	Liturinations
		system	nervous	system	explanations	
		The brain and spinal	The brain	and sninal	Giving a lecture and	
9	2	cord	co	-	using	Examinations
					explanations	
		Different area in brain which responsible for	Different as which resp		Giving a	
10&11	2	sense, movement,	sense, me		lecture and	Examinations
		hearing, smell, taste	hearing, si	nell, taste	using explanations	
		,sight	,sigh	nt	-	
10010		2 Endocrine glands (types		e glands	Giving a lecture and	<b>_</b>
12&13	2	2 and functions)	(types and		using	Examinations
			<b>D</b> 1 1		explanations	
		Reproductive system	Reproductive system (male and female) structure and		Giving a lecture and	
14&15	2	(male and female) structure and functions			using	Examinations
			funct	ions	explanations	
		Evaluation				
		score out of 100 accord				nt such as daily
		y oral, monthly, or write		reports	etc	
		and Teaching Resou		[		
Required textbooks (curricular books, if any) Main references (sources)						
Recommended books and references (scientific				Guyton, A	A. C. and Hall, J. H	E. 2006. Textbook
journals, reports)			of Medical Physiology. 11th Edition.			
			Saunders, Philadelphia. USA. Bipin Kumar. 2001. Human Physiology.			
				·	umar. 2001. Hur Book Internationa	
Electroni	c Refere	nces, Websites		<b>F</b> 550		,
L				1		

15	7 (	Course Name:				
15	Medical Microbiology 2					
158		Course Code:				
150	<u>.</u> (	Jourse Coue.				
150		amentary / Veen				
159		emester / Year:				
1.0		ester second / 1 <sup>st</sup> yea				
16		Description Prepar	ation Date:			
1.5	-	4/2/24				
16	I. A	vailable Attendance	e Forms:			
		Direct				
162			ours (Total) / Number	r of Units (Tota	al)	
		urs / 4 units				
16		Course administra	tor's name (mentior	n all, if more th	nan one	
	name)					
	Name:	Ali Anok				
	Email:					
164		Course Objectives				
Course	Objectiv		e e e e e e e e e e e e e e e e e e e			
			ill be able to know a simpl	•		
		-	es (Bacteria, fungi, parasite	es and viruses), the	immunity and	
		disease pr				
		Special of	•			
			vill be able to :			
		-	ose some simple cases in hi	s field work, instea	d of specialest,	
		•	cielest is absent.			
			tests in the labs.	- (h		
		-	reserve and transport the pa			
1.0	<i>с</i> п		dvice for disease preventio	n and control		
16. Strateg		Feaching and Learni	ing Strategies			
Strateg	У	• Direct questions	eality of the lecture from	the theoretical to	the practical	
		U	into groups to discuss		the practical	
166.C	ourse St	-	5	-r-cente topies		
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation	
		Outcomes	name	method	method	
		Blood flagellates,	Blood flagellates,	Giving a lecture		
1	2	Leishmania	Leishmania	and using	Examinations	
		Sporozoa,		explanations Giving a lecture		
2	2	Plasmodium,	Sporozoa, Plasmodium,	and using	Examinations	
		Toxoplasma	Toxoplasma	explanations		
2	2	Helimenthes,	Holimonthes Torsis	Giving a lecture	Examinations	
3	2	Taenia.	Helimenthes, Taenia.	and using explanations	Examinations	
				explanations		

	_	Echinococcus	Echino	coccus	Giving a lecture		
4	2	granulosis		ulosis	and using	Examinations	
			U		explanations		
5	2	Uymanalinaa nana	Uymana	lines none	Giving a lecture	Examinations	
5	2	. Hymenolipes nana	. Hymeno	lipes nana	and using explanations	Examinations	
					Giving a lecture		
6	2	. Trematoda	Trematoda	a helminthes	and using	Examination	
0	-	helminthes.	. monutou		explanations	Lituiniution	
					Giving a lecture		
7	2	Trepanoma	-	anoma	and using	Examinations	
		,Schistosomes	,Schist	osomes	explanations		
					Giving a lecture		
8	2	Bacterial genetics	Bacteria	l genetics	and using	Examinations	
					explanations		
0	2	Immunty and immune	Immunty a	nd immune	Giving a lecture	Englishtig	
9	2	system	sys	tem	and using explanations	Examinations	
					Giving a lecture		
10	2	Antibody & antigen	Antibody	&antigen	and using	Examinations	
10	_	r maoday countingen	i indio da j	countingen	explanations	Examinations	
		Antibada Cantiana			Giving a lecture	Examinations	
11	2	Antibody & antigen reactions.	Antibody & antigen reactions.		and using		
		reactions.			explanations		
10			<b>TT</b>		Giving a lecture		
12	2	Hypersensitivity.	Hyperser	nsitivity.	and using	Examinations	
					explanations		
13	2	. Autoimmune diseases	Autoimm	une diseases	Giving a lecture and using	Examinations	
15	2	. Autominiune diseases	. Autoinini	une uiseases	explanations	Examinations	
				_	Giving a lecture		
14	2	Discussion of course		n of course	and using	Examinations	
		material	ma	terial	explanations		
		Discussion of course	Discussion	of course	Giving a lecture		
15	2	material	mate		and using	Examinations	
		material	max	.11a1	explanations		
		Evaluation					
	-	e score out of 100 acco	-	-		nt such as daily	
		aily oral, monthly, or w		s, reports	etc		
168.	Learnin	ng and Teaching Res	ources				
					. Leboffe. (2002		
Required textbooks (curricular books, if any)				Theory & Applicati	on, Brief 3e 3rd		
Main references (sources)				Edition Subhash Chandra Parija. 2012. Textbook of			
Main references (sources)					biology and Immunol		
			Elsevie				
Recom	mended	books and references (so	cientific			ma Bhadauria. 2010	
journal	s, reports	5)			K OF MICROBIOL		
Flectro	nic Refe	rences, Websites		r uonsners, l	Distributors. ISBN 97	/0-01-/910-300-/.	
Lieculo							

16	9. C	ourse N	ame:							
	Biostatic 2									
17	0. C	Course Code:								
17	1. S	emester	: / Year:							
	Seme	ester seco	ond / 1 <sup>st</sup> yea	r						
172		-	ion Prepara	ation Date:						
	-	4/2/24								
17.	3. A	vailable	Attendance	e Forms:						
			Direct							
174				ours (Total) / Numb	er of Units (Tota	al)				
		<u>urs / 2 ι</u>								
17		course a	administrat	or's name (mentio	on all, if more the	han one				
	name)	A 1	1 1							
		Amal sa	heb							
17	Email:		hissions							
170 Course	D. C.		bjectives	ith statistical data						
Course	Objective		•	ith and knowing statistication	al and health metrics					
			-	g the statistical form and l						
				pirths, deaths, and disease						
17	7. Т	eaching	and Learnin	ng Strategies						
Strateg		• Direct	t questions							
				ality of the lecture from		the practical				
178 C	ourse St		buting studen	ts into groups to discus	s specific topics					
Week	Hours		d Learning	Unit or subject	Learning	Evaluation				
VV CON	nouis	Outcom		name	method	method				
			fic research	Scientific research (the						
2&1	2		rpose of the and what are	purpose of the research and what are the	Giving a lecture and using	Examinations				
2001	2		mbitions	ambitions regarding	explanations	LAutimutions				
		regarding	g procedures)	procedures)						
3	2		of scientific	Ethics of scientific	Giving a lecture and using	Examinations				
5	2	re	search	research	explanations	Lixuitinutions				
	S1		ructure of	Structure of scientific	Giving a lecture					
4	4 2 scientific research		research	and using explanations	Examinations					
		Tupos	of statistical	Types of statistical	Giving a lecture					
5	2		tudies	studies	and using	Examinations				
		Basics	of research	Basics of research	explanations					
7&6	2	(statisti	cal method)	(statistical method)	Giving a lecture and using	Examinations				
700	~		collection	-Data collection	explanations	Laminations				
1		tech	nnology	technology	-					

			_		1	
		-Data collection plan	-Data collection plan			
		-data analysis	-data analysis			
		-Testing and ethical	-Testing and ethical considerations			
		considerations	conside	erations		
8&9&10	2	Preparing a questionnaire form		aring a naire form	Giving a lecture and using explanations	Examination
		How to transcribe	How to t	ranscribe	1	
11	2	questionnaires and convert them into classified statistical data	convert classified	naires and them into statistical ata	Giving a lecture and using explanations	Examinations
13&12	2	How to start scientific research (choosing the title, objectives, type of samples)	How to sta research (c title, object	rt scientific hoosing the ives, type of ples)	Giving a lecture and using explanations	Examinations
14&15	2	Some applications used in scientific research		cations used ic research	Giving a lecture and using explanations	Examinations
179.	Course	Evaluation				
		e score out of 100 acco aily oral, monthly, or w				nt such as daily
		ng and Teaching Res		s, reports		
		oks (curricular books, if		Adnan Shaker Al-Rubaie - Principles of statistics and its uses in the field of public health / Ministry of Health 1981		
Main re	eferences	(sources)	Banderford Hill. Fundamental in Biostatistics 1975 F. Margrette -Fundamental in Public health			
Recom	mended	books and references	-	N and F. massey _		
journals	s, reports	5)	statistical	•	-	
~	· •			oel _ Introduction	to mathematical	
				statistics.		
Electro	nic Refe	rences, Websites				
		, · ·				

10	1 (	'ourco N	amo						
18		Course Name:							
1.04	Clinical Chemistry 2								
182	2. C	Course C	ode:						
183	3. S	emestei	r / Year:						
	Seme	ester seco	ond / 1 <sup>st</sup> yea	r					
184	4. D	Descripti	ion Prepara	ation Date:					
	202	4/2/24	<u> </u>						
18	5. A	vailable	e Attendance	e Forms:					
			Direct						
180	5 N	Jumber (		ours (Total) / Number	r of Units (Tot:	1)			
100		urs / 4 u							
18		,		or's name (mentior	all if more th				
			aurimistrat	or s hame (mentior					
	name)	A . 1							
		Ashwaq	ouda						
1.04	Email:								
188			bjectives						
Course	Objectiv	es		ent knows what clinical of	chemistry is, its p	rinciples and its			
			-	in the field of medicine.	ponto in the humo	n hady in the			
				res the chemical component	nents in the num	in body in the			
1.00	<u>т (</u>	<b>.</b>	laboratory.	n - Cturterier					
189		-		ng Strategies		1 • .•			
Strateg	y			es and the use of modern	scientific metho	as in presenting			
			s (data show) tical application	on of theoretical vocabu	larv				
			tical training i		iai y				
190.C	ourse St		C	1					
Week	Hours	Require	d Learning	Unit or subject	Learning	Evaluation			
		Outcom		name	method	method			
			erides - types	Triglycerides - types of	Giving a lecture				
1	2	0.	cerides - their	triglycerides - their	and using	Examinations			
			significance. ns - protein	clinical significance. Proteins - protein	explanations				
			- amino acids	structure - amino acids -					
			ties of amino	properties of amino	Giving a lecture				
2	2 2		nion of amino	acids - union of amino	and using	Examinations			
			orm protein -	acids to form protein -	explanations				
			ond - Zwitter ion.	peptide bond - Zwitter ion.					
			ssification of	. Classification of					
			teins in the	proteins in the human					
	-	-	nan body -	body - insoluble	Giving a lecture	<b>.</b>			
3	2	insolu	ble proteins -	proteins - soluble	and using	Examinations			
		solub	le proteins -	proteins - blood plasma proteins - serum	explanations				
				Proteins beruin					
		blo	od plasma	proteins - functions and					

		1			Γ	
		proteins - serum	importance of االمتحانات			
		proteins - functions	proteins in the human			
		االمتحانات and	body - clinical			
		importance of	significance of total			
		proteins in the	protein in serum			
		human body -				
		clinical significance				
		of total protein in				
		serum				
		Techniques used to	Techniques used to			
		separate different	separate different			
		types of blood	types of blood proteins			
		proteins -	- Electrophoresis of			
		Electrophoresis of	serum proteins -			
		serum proteins -	Factors affecting the	Giving a lecture		
4	2	Factors affecting the	electrophoresis process	and using	Examinations	
		electrophoresis	- Types of supporting	explanations		
		process - Types of	media - Separation			
		supporting media -	method - Methods for			
		Separation method -	reading the results			
		Methods for reading				
		the results				
		Non-protein nitrogen	Non-protein nitrogen			
		compounds - their	compounds - their			
		types in the human	types in the human			
		body - uric acid - the biosynthesis of uric	body - uric acid - the biosynthesis of uric	Giving a lecture		
5	2	acid - the clinical	acid - the clinical	and using	Examinations	
5	2	importance of uric	importance of uric acid	explanations	Examinations	
				acid - urea - the	- urea - the	enplanations
		biosynthesis of urea -	biosynthesis of urea -			
		the clinical	the clinical importance			
		importance of urea	of urea			
		Creatine - Creatine	Creatine - Creatine			
		biosynthesis - Clinical	biosynthesis - Clinical			
		significance of	significance of creatine			
C	2	creatine - Creatinine -	Creatinine - Creatinine	Giving a lecture		
6	2	Creatinine	biosynthesis - Clinical	and using	Examination	
		biosynthesis - Clinical	significance of creatinin - Creatinine clearance	explanations		
		significance of creatinine - Creatinine	- Creatinine clearance test			
		clearance test	test			
		Liver function tests -	Liver function tests -			
		liver - liver function -	liver - liver function -	Civing a laster		
7&8	2	clinical signs of liver	clinical signs of liver	Giving a lecture	Examinations	
100	2	disease - bilirubin -	disease - bilirubin -	and using explanations	Laminations	
		biosynthesis and fate of	biosynthesis and fate of	CAPIanations		
		bilirubin	bilirubin			
		Jaundice - types of	Jaundice - types of	~		
~	2	jaundice - pigment	jaundice - pigment	Giving a lecture	<b>.</b>	
9	2	excretion in different	excretion in different	and using	Examinations	
		cases of jaundice - liver	cases of jaundice - liver	explanations		
		function tests	function tests			

		1					
		Enzymes - Functions	Enzymes - F				
		of enzymes in the	enzymes in	•			
		body - Classification	Classific	ation of			
		of enzymes - Factors enzymes - Facto		- Factors			
		affecting the work of	affecting th	ne work of	Civing a lasture		
		enzymes - The basic	enzymes -	The basic			
10	2	substance on which	substance on which		Giving a lecture and using	Examinations	
10	2	the enzyme works -	enzyme wo	orks - How	explanations	Examinations	
		How does an enzyme	does an enz	yme work -	explanations		
		work - GOT & GPT	GOT & GP	T enzymes			
		enzymes - Properties	- Proper	ties and			
			and function of each	function of	each and its		
		and its clinical	clinical in	nportance			
		importance					
		Alkaline phosphatase	Alkaline pl	nosphatase			
		and acid gosgatase -	and acid g	osgatase -	Giving a lecture		
11	2	properties, functions	properties,	functions	and using	Examinations	
		and clinical	and cl	inical	explanations		
		significance of each	significant	ce of each	_		
		Amylase and lipase -	Amylase ar		Giving a lecture		
12	2			functions	and using	Examinations	
12	Z	and clinical	and cli		explanations	Examinations	
		significance of each	significanc	e of each	•		
		Vitamins - their	Vitamir	ns - their			
		classification - Vitamins	classifi	cation -	Civing a lastura		
13	2	(A - B - C - D) their	Vitamins (	A - B - C -	Giving a lecture and using	Examinations	
15		respective functions - an	D) their 1	respective		Examinations	
		their sources	functions - and their		explanations		
			sou	rces			
		Hormones - nature of	Hormones	- nature of			
		hormones - their	hormon	es - their			
		functions - some	function	is - some	Giving a lecture		
14	2	2 important hormones		hormones	Giving a lecture and using	Examinations	
14	2	and their functions	and their fu	inctions and		Examinations	
		and the gland	the gland producing		explanations		
		producing each of	each c	of them			
		them					
		Introduction to PCR	Introductio	n to PCR			
		technique	technique (F	olymerase	Giving a lecture		
15	2	(Polymerase chain	chain rea	ction) -	and using	Examinations	
		reaction) - definition	definition - i	mportance	explanations		
		- importance - uses	- us	es			
191.	Course	Evaluation					
Distrib	uting th	e score out of 100 accor	rding to the	tasks assio	med to the stude	nt such as daily	
		aily oral, monthly, or w				in such as daily	
		· · · · · ·		, reports			
192.	Learnir	ng and Teaching Reso	ources				
					hemistry/Moham		
				Hawari/Te	echnical Educatio	n Authority	
Doguin	ad toutho	oke (ourrigular books if	anv	General C	Chemistry / Saeeba	a Abdullah -	
Required textbooks (curricular books, if any) Hanaa Salman - Maysoon Suleima							
Technical Education Authority							

Main references (sources)	Clinical chemistry binding/Mohamed Ramzi Al-Omari/Technical Education Authority
Recommended books and references (scientific journals, reports)	Guyton, A. C. and Hall, J. E. 2006. Textbook of Medical Physiology. 11th Edition. Saunders, Philadelphia. USA. – Bipin Kumar. 2001. Human Physiology. Campus Book International, New Delhi.
Electronic References, Websites	

		1		r		
		The concept of the	The concept of the			
		window for any	window for any			
		program and	program and identifying	~		
		identifying its main	its main components -	Giving a lecture		
2	2	components - dealing	dealing with desktop	and using	Examinations	
		with desktop icons	icons such as (My	explanations		
		such as (My Computar	Computar -			
		- MyDocumant -	MyDocumant - Recycle			
		Recycle BIN)	BIN)			
		Identifying				
		computer				
		components in				
		terms of disks -	Identifying computer			
		folders and files -	components in terms of			
		how to deal with -	disks - folders and files			
		formatting floppy	- how to deal with -			
			formatting floppy disks			
		disks - copying	- copying folders and			
		folders and files -	files - taking advantage			
		taking advantage of	of cutting and pasting	Giving a lecture and using explanations	Examinations	
3	2	cutting and pasting	and knowing the			
		and knowing the	characteristics of disks,			
		characteristics of	folders and files -			
		disks, folders and	dealing with the trash			
		files - dealing with	and how to delete files			
		ũ	and retrieve them			
		the trash and how to	through what the trash			
		delete files and	can provides in this			
		retrieve them	aspect			
		through what the				
		trash can provides				
		in this aspect				
		Take advantage of				
		the control panel				
		-	Take advantage of the			
		programs, such as	control panel programs,			
		the Mouse icon, the	such as the Mouse			
		DIsply icon, and the	icon, the DIsply icon,			
		key to changing the	and the key to			
		desktop wallpaper,	changing the desktop	a		
4	_	controlling the	wallpaper, controlling	Giving a lecture	<b>.</b>	
4	2	screen saver, and	the screen saver, and	and using	Examinations	
		changing the	changing the	explanations		
			appearance and colors			
		appearance and	of window menus - the			
		colors of window	Remove program - add			
		menus - the Remove	icon in adding and			
		program - add icon	deleting programs.			
				program - add icon in adding and		
		in adding and				
		-				
		deleting programs.	Use entertainment	<u> </u>		
		deleting programs. Use entertainment	Use entertainment programs such as	Giving a lecture		
5&6	2	deleting programs.	Use entertainment programs such as Window Media Player	Giving a lecture and using explanations	Examinations	

		Player to play				
		movies				
		Take advantage of	Take adva	antage of	Giving a lecture	
7&8	2	additional programs		l programs	and using	Examinations
		such as the	such as the	Calculator.	explanations	
		Calculator.				
		Working with the				
		paint program to	Working wi	th the paint		
	-	create, save, and	program		Giving a lecture	
9&10	2	retrieve drawings	save, and		and using	Examinations
		through the	drawings th	-	explanations	
		commands it	commands	it provides		
		provides				
		Dealing with the				
		Notes window and	Dealing with			
	2	the Word Pad in	window and		Giving a lecture and using	Examinations
		writing texts, saving	Pad in wri			
11&12		them, retrieving	saving them	•		
		them, printing them,	them, print and chang	•	explanations	
		and changing their	printing s			
		printing style and	forma			
		formatting.		U		
		Learn how to get	Learn how	to get help	Giving a lecture	
13&14	2	help and its	and its d		and using explanations	Examinations
		different methods	meth	ods		
		Computer Viruses -	Computer	Viruses -		
		How to get infected -	How to get	t infected -	Giving a lecture	
		Their types, treatment	Their types			
14&15	2	and dealing with them	and dealing		and using	Examinations
		through Anti-Viruses	through Ar		explanations	
		available within the	available Windows		•	
		Windows operating system environment	system en	· ·		
203	Course	Evaluation	systemen	vii oliinent		
		e score out of 100 acco	rding to the	tacke accie	and to the stude	nt such as daily
	0	ily oral, monthly, or w	0		•	int such as ually
				s, reports		
		ig and Teaching Res				
-		oks (curricular books, in	i any)			
		(sources)	(a air a t'C'			
		books and references	(scientific			
	s, reports					
Electro	nic ketei	ences, Websites				

20	5. (	lourse N	lame:				
	English Language						
20		, Course C					
20	7. S	emester	r / Year:				
	Seme	ester seco	ond/ 1 <sup>st</sup> year	ſ			
20	8. E	Descript	ion Prepara	ation Date:			
	202	4/2/24					
20	9. A	vailable	e Attendance	e Forms:			
			Direct				
21	0. N	Number of	of Credit Ho	ours (Total)	/ Number	r of Units (Tot	al)
		urs / 1 ι					
21	1. C	Course a	administrat	or's name	(mentior	n all, if more t	han one
	name)						
		Farah al	i				
	Email:						
212	-		bjectives				
	Objectiv		•	Circles '			
21.		U	and Learning	<u> </u>		ion mothodo	
Strateg	.y		ering lectures buting studen			specific topics	
214.C	ourse St			<u> </u>		<u></u>	
Week	Hours	Require	d Learning	Unit or su	bject	Learning	Evaluation
		Outcom		name		method	method
		Evaluati					
	Distributing the score out of 100 according to the tasks assigned to the student such as daily						
preparation, daily oral, monthly, or written exams, reportsetc 216. Learning and Teaching Resources							
	210. Learning and Teaching Resources         Required textbooks (curricular books, if any)         Academic skills						
-		(sources)				~	
Recom	mended	books an	d references	(scientific			
	s, reports						
Electro	nic Refer	ences, We	ebsites				

21	7. (	Course Name:								
-	Pharmacology 1									
21	8. (	Course Code:								
219		Semester / Year:								
	Seme	ester first / 2 <sup>nd</sup> year								
22		Description Prepar	ration Date:							
	-	4/2/24								
22	1. <i>I</i>	Available Attendand	ce Forms:							
		Direct								
222			lours (Total) / Number	of Units (Tota	l)					
		ours / 4 units								
223.			name (mention all, if r	more than or	ne name)					
		Kareem Mohamm	ed Email:							
224	-	Course Objectives								
Course	Objectiv		c science of pharmacology							
			activity of drugs							
			orption and excretion of drug e and dosage form							
			cology, toxins, poisoning wit	h metals						
22	5 7	Feaching and Learn								
Strateg			the use of modern scientif	ic methods in pr	esenting lectures					
	(dat	a show)		1	C					
		ractical application of	•							
226 C		ractical training in hos tructure	pitals							
220.C		Required								
Week	Hours	-	Unit or subject name	Learning method	Evaluation method					
		Outcomes		methoa	methoa					
			Introduction and General definition of	Giving a						
1	2	Introduction and	pharmacology	lecture and						
1	2	General definition of pharmacology	(Pharmacology,	using	Examinations					
		pharmacology	Pharmacy, Pharmacist,	explanations						
			Dose Concentration) Infections: -Antibacterial,	Giving a						
2.3. & Infections & drugs antiviral antifungal lacture and										
4	2	ntiprotozoal, using								
		<b>XY 1</b>	antihelmenthic drugs Nutritian: Vitanins	explanations						
		Nutritian: Electrolytes	parantreal	Giving a lecture and						
5	5 2 intravenous fluids Electrolytes, intravenous using Examin									
		fluids fluids using explanations								
				explanations						
6	2	Corticosteroids drugs	fluids nutritions, Corticosteroids drugs	explanations Giving a lecture and	Examinations					

				using explanations	
7	2	Non-Steroidal anti- inflammatory drugs	Non-Steroidal anti- inflammatory drugs	Giving a lecture and using explanations	Examinations
8&9	2	Cardiovascular system drugs Digitalis and cardiac glycosides, Diuretics, Badrenoreceptors, blocking,	Cardiovascular system drugs Digitalis and cardia glycosides, Diuretics, Badrenoreceptors, blocking,	Giving a lecture and using explanations	Examination
10 & 11	2	Gastrointestinal tract drugs	Gastrointestinal tract drugs Antacids, antispasmodics , drugs , Heeling peptic and D. ulcer , Antidiarrhoeal, Laxatives, Rectal and colonic drugs, drug act , intestinal secretions	Giving a lecture and using explanations	Examinations
12 & 13	2	Respiratory system Bronchodilators, corticosteraides, Allergic disorders, respiratory stimulants,Mucolytics , anti tussives and expectorant, Nasal decongestants	Respiratory system Bronchodilators, corticosteraides, Allergic disorders, respiratory stimulants,Mucolytics, anti tussives and expectorant, Nasal decongestants	Giving a lecture and using explanations	Examinations
14 & 15	2	Endocrine:- Drug used in diabetes Hyperglycemia drugs,	Endocrine:- Drug used in diabetes , hypoglycemia , Pituitary harmones , thyroide and anti thyroide drugs , 2 orticosteroids , female sex hormones , male sex hormone and anti androgens , anabolic steroide Hyperglycemia drugs, otherandocrine hyper lipidemia drugs.	Giving a lecture and using explanations	Examinations
227.	Course	Evaluation	urugs.		
			ording to the tasks assign	ed to the stude	nt such as daily
			written exams, reports	etc	
		ng and Teaching Re ooks (curricular books,	SOUICES Mycek, M.J. ; Harvey R.A. and Char	npe . P.C. (1997) Linner	ncott's
any)		ors (curricular books,	Illustrated Reviews: Pharmacology.(2) phia New York .		
	eferences	s (sources)	Laurence, D.R. ; Bennett , P.N. and B pharmacology. New York		
Recom		books and references		,	····ى
	fic journ	als, reports)			
	-	rences, Websites			

229	9 (	Course N	ame						
	Medicine & Surgery 1								
	230. Course Code:								
23	1 S	emester	: / Year:						
			$\frac{1}{2^{nd}}$ year						
232			on Prepara	ation Date:					
		4/2/24	onreput						
233	-		Attendance	e Forms:					
			Direct						
234	4. N	Jumber o		ours (Total) / Numbe	r of Units (Tota	al)			
		urs / 6 ι							
23		,		or's name (mentior	n all, if more tl	nan one			
_	name)				,				
	/	Teba sh	aker						
	Email:								
230	5. C	Course O	bjectives						
Course	Objectiv	es	• General ; ]	The Student Will be able h	low treat simple cas	ses			
			•	The Student Will be able to	•	ction			
				nt Will be able to dress W					
				ent Will be able to m	easure blood pre	ssure, pulse			
22	7 7	<b>T</b> = = <b>1</b> , <b>1</b> , =		emperature .					
237 Strateg				ng Strategies	a ai an tifi a maatha	da in museuting			
Strateg	y		s (data show)	es and the use of moderr	i scientific metho	us in presenting			
			```	on of theoretical vocabu	lary				
			tical training i	n hospitals	-				
	ourse St								
Week	Hours	-	d Learning	Unit or subject	Learning method	Evaluation			
		Outcom Diphther	ia (Medicine	name Diphtheria ( Medicine	Giving a lecture	method			
1	2		ad injury (	) + Head injury (	and using	Examinations			
			rgery)	Surgery )	explanations				
2	2	-	ing Cough , ns $(M) +$	Whooping Cough , Mumps ( M ) +	Giving a lecture and using	Examinations			
2	2 Mumps (M) + Meningeal injury (S)			Meningeal injury (S)	explanations	LAummutons			
	Typhoi		id (M) + face	Typhoid (M) + face	Giving a lecture				
3	2	injury (S)		injury (S)	and using explanations	Examinations			
		Measl	es, german	Measles, german					
			s,small pox	Measles, small pox	Giving a lecture				
4	2	(M) + su	(S)	(M) + surgical mouth	and using	Examinations			
	_		(S),	(S),	explanations				
			ona virus ections	corona virus infections					
		1111							

5	2	Infection of mouth and tongue $(M)$ +	tongue (M	f mouth and ) + surgical	Giving a lecture and using	Examinations
6	2	surgical tongue (S) Gastritis and pepticulcer (M) + gum ulcer (S)	Gastritis an	ue (S) Id pepticulce m ulcer (S)	explanations Giving a lecture and using explanations	Examinations
7	2	Jaundice (M) + tonsillitis (S)		e (M) + itis (S)	Giving a lecture and using explanations	Examinations
8	2	Heart failure (M)) + esophagus ca. (S)		ure (M)) + us ca. (S)	Giving a lecture and using explanations	Examinations
9 & 10	2	Myocardial infarction and angina (M)	•	l infarction gina (M)	Giving a lecture and using explanations	Examinations
11		Ca. stomach , ca. intestine (S)	Ca. stom intesti		Giving a lecture and using explanations	Examinations
12		Hypertension (M) + appendicitis (S)	Hypertension (M) + appendicitis (S)		Giving a lecture and using explanations	Examinations
13		Congenital heart disease (M) + intestinal obstruction (S)	Congenital heart disease (M) + intestinal obstruction (S)		Giving a lecture and using explanations	Examinations
14		14 Pneumonia (M) + liver abscess (S)		onia (M) + scess (S)	Giving a lecture and using explanations	Examinations
15		Asthma (M) + liver injury (S		M) + liver ry (S	Giving a lecture and using explanations	Examinations
239.	Course	Evaluation				
		e score out of 100 acco				nt such as daily
		aily oral, monthly, or w		s, reports	etc	
240.	Learnin	ng and Teaching Res	ources	a · 1·	. 1 11 1	- 11 - D
				Surgical internal medicine specialist Dr. Fawaz Al-Khalidi 1- Davidsons by Davidson		
Required textbooks (curricular books, if any)			<ul> <li>2- Harrison text book of medicine by Harrison</li> <li>3-Clinical methods by Hatschison</li> <li>2- Internal Surgical Nursing - Written by Fayza Boulos.</li> </ul>			
Main re	eferences	(sources)		1- Genera	l surgery by;Baily	and love
		books and references	(scientific			
	s, reports		ocientine			
•	-	rences, Websites				

24	1 (	Course Name.				
24.	241. Course Name:					
		nmunity Health				
242	2. C	Course Code:				
243	3. S	emester / Year:				
	Seme	ester first / 2 <sup>nd</sup> year				
244		Description Prepara	ation Date:			
		4/2/24				
245	-	vailable Attendance	- Forms			
27.	5. 1	Direct				
240	6 N		urs (Total) / Numba	r of Units (Tota	,1)	
240			ours (Total) / Numbe	r of Units (10ta	u)	
		urs / 5 units				
24		Course administrat	or's name (mentio	n all, if more th	nan one	
	name)					
	Name:	Watheq amer Emai	il:			
248	8. C	Course Objectives				
Course	Objectiv	es • The student wi	ll be able to learn about	community health	n concepts and	
		related techniq	ues.		_	
		• Special: The stu	dent will be able to:			
		• 1. To learn about	t the components of publi	c health and health	education.	
		• 2. To know how	to organize forms for pr	egnant women and	children at the	
		family registra	r.			
		• 3. To know the	importance of nutrition			
		• 4. To become fa	amiliar with health inform	nation and standard	s of health and	
		disease.				
249	9. Т	eaching and Learning	ng Strategies			
Strateg			es and the use of moder	n scientific method	ls in presenting	
		lectures (data show)				
			on of theoretical vocabula	ary		
250 C		3. Practical training in	1 nospitais			
	ourse St		Unit or subject	Looming	Evolution	
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
		Definition of health	Definition of health	memou	methou	
		and disease: - and disease: - Giving a lecture				
1	2	Pathological causes	Pathological causes	and using	Examinations	
		The epidemiological	The epidemiological	explanations		
		triad	triad	Circles a 1 d		
2,3&4	2	<ul> <li>community Health</li> <li>3- Maternal and</li> </ul>	- community Health 3- Maternal and	Giving a lecture and using	Examinations	
2,5004	~	childhood care	childhood care	explanations	Lammations	
				Giving a lecture		
5	2	4- Health education	4- Health education	and using	Examinations	
				explanations		

6	2	5- Nutrition		5- Nutrition	Giving a lecture and using explanations	Examinations
7&8	2	<ul> <li>6- Environmental health: Objectives of environmental health</li> <li>air pollution</li> <li>Water pollution</li> </ul>	6- Environmental health: Objectives of environmental health - air pollution - Water pollution		Giving a lecture and using explanations	Examinations
9&10	2	<ul> <li>7- Medical waste (classification, methods of handling, and method of disposal).</li> <li>8- Waste and its types - Disposal of liquid and solid waste</li> </ul>	<ul> <li>7- Medical waste (classification, methods of handling, and method of disposal).</li> <li>8- Waste and its types</li> <li>- Disposal of liquid and solid waste</li> </ul>		Giving a lecture and using explanations	Examination
11	2	<ul> <li>9- The concept of disability</li> <li>A - People with physical disabilities</li> <li>B - The mentally disabled</li> </ul>	<ul> <li>9- The concept of disability</li> <li>A - People with physical disabilities</li> <li>B - The mentally disabled</li> </ul>		Giving a lecture and using explanations	Examinations
12	2	10- Rehabilitation: - Meaning of rehabilitation - Types or rehabilitation	reha	• Rehabilitation: - Meaning of abilitation - Types of rehabilitation	Giving a lecture and using explanations	Examinations
13	2	11- Control of infectious diseases (communicable diseases)	in	11- Control of fectious diseases communicable diseases)	Giving a lecture and using explanations	Examinations
14	2	12- Non-communicable diseases	12- N	Non-communicable diseases	Giving a lecture and using explanations	Examinations
15	2	<ul><li>13 - Vital statistics</li><li>The general method of health research.</li><li>Births and deaths information</li></ul>	- The of he	Vital statistics general method alth research. rths and deaths information	Giving a lecture and using explanations	Examinations
251.	Course	Evaluation				
Distrib	uting th	e score out of 100 acco	rding	to the tasks assig	ned to the stude	nt such as daily
		aily oral, monthly, or w		-	etc	
		ng and Teaching Res		s		
-		oks (curricular books, it	t any)	1 Menters CTT	ashthe Hashth O	ensielet C'1
Main re	eierences	(sources)		2012-2013	ealth - Health Ov	C
					Law No. 89 of 1 f 2001 (Eighth A	
				3- Law No. 54 o the Public Healt	f 2001 (Eighth A h Law)	menument to
					ion No. 29 of 198	32
	mended		ences	<u> </u>		
	-	als, reports)				
Electro	nic Refei	rences, Websites				

25	3. (	Course Name:				
	Health &Occupational Safety 1					
254	254. Course Code:					
25	5. 5	Semester / Year:				
		ester first /2 <sup>nd</sup> year				
25		Description Prepara	tion Date:			
		24/2/24				
25	7. /	Available Attendance	Forms:			
		Direct				
25	8. 1	Number of Credit Ho	urs (Total) / Number	of Units (Tota	al)	
		ours / 5 units	× /	× ×	,	
25		Course administrate	or's name (mention	all, if more th	nan one	
	name)		Υ.	,		
	Name:	Fadel abd alkuder				
	Email:					
26	0. <b>(</b>	Course Objectives				
Course	Objectiv		the academic year, th	e student will b	be able to get	
		acquainted with				
		• the public		d agregate . Th	a student will	
		• Special health be able to:	inspection programs and	a concepts -:- In	le student will	
			e familiar with the found	lations rules and	requirements	
			f the inspection process	ations, rules and	requirements	
			ne the health conditions	and specification	is that must be	
		legally available		1		
		Subject to heal				
26	1. [	Teaching and Learnir	ng Strategies			
Strateg	Sy	1. Theoretical lectu	ares and the use of mode	ern scientific met	hods in presentin	
		lectures (data show				
			ation of theoretical vocat	oulary		
		3. Practical training	g in hospitals			
Week		tructure	Unit on applicat	Looming	Evoluction	
week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
			Chapter One	momou	memou	
		Chapter One (Principles	(Principles of			
		of Occupational Health	Occupational Health	Giving a		
1	2	and Safety) The concept	and Safety) The	lecture and	Examinations	
		of occupational health	concept of	using		
		and safety and its goals	occupational health and safety and its	explanations		
			goals			
2	2	Occupational health and	Occupational health	Giving a	Examinations	
2	<i>L</i>	safety in Iraq	and safety in Iraq	lecture and	Examinations	

				using explanations	
3	2	Occupational health and safety and its relationship to productivity	Occupational health and safety and its relationship to productivity	Giving a lecture and using explanations	Examinations
4	2	Physical hazards (natural)	Physical hazards (natural)	Giving a lecture and using explanations	Examinations
5	2	Noise and vibrations	Noise and vibrations	Giving a lecture and using explanations	Examinations
6	2	Temperature, humidity, and air speed	Temperature, humidity and air speed	Giving a lecture and using explanations	Examinatio
7	2	Lighting, radiation and its types	Lighting, radiation and its types	Giving a lecture and using explanations	Examinations
8&9	2	Air pressure and electricity	Air pressure and electricity	Giving a lecture and using explanations	Examinations
10&11	2	Chemical hazards Gases Vapors And dust	Chemical hazards Gases Vapors And dust	Giving a lecture and using explanations	Examinations
12	2	Biological hazard and infectious diseases Psychological factors	Biological hazard and infectious diseases Psychological factors	Giving a lecture and using explanations	Examinations
13	2	Mechanical hazards	Mechanical hazards	Giving a lecture and using explanations	Examinations
14	2	Chapter Three (Industrial Toxins) Introduction to toxicology (definition of poison - the way it enters the body, its interactions inside the body, and ways of excreting it from the body)	Chapter Three (Industrial Toxins) Introduction to toxicology (definition of poison - the way it enters the body, its interactions inside the body, and ways of excreting it from the body)	Giving a lecture and using explanations	Examinations
15	2	Heavy metal poisoning (lead, mercury, chromium)	Heavy metal poisoning (lead, mercury, chromium)	Giving a lecture and using explanations	Examinations
202	Course	e Evaluation			

264. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)	Encyclopedia of Occupational Health and Safety				
	(ILO), Geneva 1990, Part Two				
	Iraqi Labor Law No. 37 of 2015				
Recommended books and references	Occupational health and safety book 2015				
(scientific journals, reports)	Occupational Safety and Health				
	Administration book 2009				
Electronic References, Websites					

26	5 (	Course Name:				
20.	Epidemiology 1					
26		Course Code:				
26	7. S	emester / Year:				
	Seme	ester first / 2 <sup>nd</sup> year				
268	8. I	Description Prepara	ation Date:			
	202	4/2/24				
269	9. A	Available Attendance	e Forms:			
		Direct				
270	0. N	Number of Credit Ho	ours (Total) / Number	r of Units (Tota	al)	
	4 ho	urs / 4 units				
27	1. (	Course administrat	or's name (mentior	n all, if more th	nan one	
	name)					
		Salam abass				
	Email:					
272		Course Objectives				
Course	Objectiv		ble to become familiar with	the concepts of epi	idemiology and	
		<ul><li>the techniques related</li><li>The student will be a</li></ul>				
		Private:-				
			w diseases occur and how	infectious diseases	are transmitted	
		and controlled2. To	learn how to analyze the o	ccurrence of epider	mics.	
		• .3. To know the pathogens				
			culating the spread of dise	eases and calculation	ng the different	
07/	о п	rates of diseases and d				
273		Teaching and Learning		· · · · · · · · · · · · · · · · · · ·	1	
Strateg	y	lectures (data show)	es and the use of moderr	i scientific metho	ds in presenting	
			on of theoretical vocabu	lary		
		3- Practical training		-		
	ourse St					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
			Introduction to	momou		
		Transa f	epidemiology.			
		- Types of epidemiology,	- Types of epidemiology, goals -	Giving a lecture		
1	2	Factors that control	basics - general	and using	Examinations	
		the infection process	strategies	explanations		
			Factors that control the infection process			
		Study of	General definitions used	Civing a lasture		
2	2	epidemiology,	in the study of	Giving a lecture and using	Examinations	
	_	measures of disease, factor	epidemiology, measures of disease, factor	explanations		
		100101	01 0150050, 100101		<u> </u>	

		Risk in epidemiology	Pick in opidamiology		
		Risk in epidemiology	Risk in epidemiology		
3	2	The epidemiological triad has its importance and applications	The epidemiological triad has its importance and applications Factors of disease occurrence (personality - place - time).	Giving a lecture and using explanations	Examinations
4	2	Transmissible and non-transmissible diseases and the factors that control the infection process	Transmissible and non-transmissible diseases and the factors that control the infection process	Giving a lecture and using explanations	Examinations
5	2	Methods of prevention and control of communicable diseases	Methods of prevention and control of communicable diseases	Giving a lecture and using explanations	Examinations
6&7	2	General immunity - herd immunity and the factors that determine immunity levels in human body Vaccines (types - preservation - preparation).	General immunity - herd immunity and the factors that determine immunity levels in human body Vaccines (types - preservation - preparation).	Giving a lecture and using explanations	Examinatior
8&9	2	basic steps of epidemiological monitoring	Epidemiological investigation and monitoring (basic steps of epidemiological monitoring) Types of epidemiological studies - Methods of investigating epidemic diseases	Giving a lecture and using explanations	Examinations
10	2	The administrative division of health prevention departments in the Ministry of Health and the mechanism of work in field of prevention	The administrative division of health prevention departments in the Ministry of Health and the mechanism of work in field of prevention - Immediate news form for communicable diseases	Giving a lecture and using explanations	Examinations
11	2	Measles - German measles - mumps	Measles - German measles - mumps	Giving a lecture and using explanations	Examinations
12	2	Tuberculosis - polio	Tuberculosis - polio	Giving a lecture and using explanations	Examinations
13	2	Diphtheria - whooping cough - tetanus	Diphtheria - whooping cough - tetanus	Giving a lecture and using explanations	Examinations

14	2	Hepatitis	Hep	oatitis	Giving a lecture and using explanations	Examinations	
15	2	Typhoid fever - Malta fever	Typhoid fever - Malta fever		Giving a lecture and using explanations	Examinations	
275.	Course	Evaluation					
	Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reportsetc						
276.	Learnir	ng and Teaching Res	ources				
Require	ed textbo	oks (curricular books, it	f any)				
Main re	Main references (sources)				Community health guide / Dr. Amjad Niazi / Methodical Book / 1986		
Recommended books and references (scientific							
journals, reports)							
Electro	nic Refe	rences, Websites					

277	. С	ourse Name:					
	Environmental health						
278	278. Course Code:						
279	). Se	emester / Year:					
	Seme	ster first / 2 <sup>nd</sup> year					
280	). D	escription Prepara	tion Date:				
	2024	4/2/24					
281	. A	vailable Attendance	e Forms:				
		Direct					
282	2. N	umber of Credit Ho	ours (Total) / Number	r of Units (Tota	al)		
		urs / 4 units					
283	3. C	ourse administrat	or's name (mentior	n all, if more tl	nan one		
	name)						
	Name: I	Hadi ragan					
	Email:						
284		ourse Objectives					
Course	Objective		e able to identify the most	important interfac	ial components		
		and their sources of a		~			
			The student will be able t er, soil and air pollution in		thad of treating		
		pollutants.	er, son and an ponution h	in entres and the me	thou of treating		
		• 2 - Treating all indu	ustrial waste.				
			ound and surface water.				
			nvironmental problems ar	d heat emissions.			
285	5. T	eaching and Learnin	ng Strategies				
Strateg	y		es and the use of moder	n scientific metho	ods in presenting		
		lectures (data show)		-1			
		Practical training in	on of theoretical vocabu	llary			
286.Co	ourse St						
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation		
		Outcomes	name	method	method		
			1- Environmental health				
	2	Environmental health	(The concept of	Giving a lecture	<b>—</b> · ·		
1	2	and environmental	environmental health -	and using explanations	Examinations		
		types	goals and strategies -	explanations			
		2 - Components of the	types of environment). 2 - Components of the				
2		environment	environment	Giving a lecture	Enominations		
2	2	3- Environmental	3- Environmental	and using explanations	Examinations		
		pollutants	pollutants	-			
3&4	2	air pollution	air pollution	Giving a lecture and using	Examinations		
	_	1		explanations			

				Giving a lecture	
5&6	2	Water pollution	Water pollution	and using explanations	Examinations
7	2	Soil contamination	Soil contamination	Giving a lecture and using explanations	Examinations
8&9	2	Drainage of waste and waste	Drainage of waste and waste	Giving a lecture and using explanations	Examination
10	2	Medical waste	Medical waste	Giving a lecture and using explanations	Examinations
11	2	Sewage water treatment	Sewage water treatment	Giving a lecture and using explanations	Examinations
12	2	Environment and Food Foodborne diseases Food preservation	Environment and Food Foodborne diseases Food preservation	Giving a lecture and using explanations	Examinations
13	2	Control of insects and rodents	Control of insects and rodents	Giving a lecture and using explanations	Examinations
14	2	Radioactive pollution	Radioactive pollution	Giving a lecture and using explanations	Examinations
15	2	how to improve the environment	how to improve the environment	Giving a lecture and using explanations	Examinations
287.	Course ]	Evaluation			
			ding to the tasks assig ritten exams, reports		nt such as daily
		g and Teaching Reso			
		oks (curricular books, if			
Main re	ferences	(sources)			
		books and references	(scientific		
0	s, reports.				
Electron	nic Refere	ences, Websites			

289	Э. С	Course Name:			
		alth Inspection 1			
290		Course Code:			
29	1 5	emester / Year:			
<i>L</i> ).		ester first / $2^{nd}$ year			
292		Description Prepara	tion Data:		
272		4/ 2/24			
20/	-		<b>. .</b>		
293	<b>5</b> . <i>F</i>	Available Attendance	e Forms:		
		Direct			
294	4. N	Number of Credit Ho	ours (Total) / Number	r of Units (Tota	al)
		urs / 4 units			
295	5. C	Course administrat	or's name (mentior	n all, if more tl	han one
	name)				
	Name:	Tabark jawad Email:			
290	5. C	Course Objectives			
Course	Objectiv	3	ourse: - At the end of the a	cademic year, the	student will be
		able to recognize			
		•the public			
		Special health insp	ection programs and conce	epts -:- The student	t will be able
		to:			
		• A - To become fan	niliar with the foundations	, rules and requiren	nents for the
		success of the inspec	_		
			he health conditions and sp	pecifications that m	nust be legally
		available in stores			
		• Subject to health su	-		
297		Teaching and Learning			
Strateg	У		es and the use of modern	scientific metho	ds in presenting
		lectures (data show)		1	
		3. Practical application	on of theoretical vocabu	lary	
208 C	ourse St	Ŭ			
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation
WEEK	nours	Outcomes	name	method	method
		The concept of health	The concept of health	memou	
		control, foundations,	control, foundations,	Civing a lastura	
1	2	rules, objectives and	rules, objectives and	Giving a lecture and using explanations	Examinations
1	2	requirements of the	requirements of the		Examinations
		health inspection	health inspection	r	
		process The divisions and	process The divisions and units		
	2	units of the Public	of the Public Health	Giving a lecture	<b>.</b>
2	2	Health Department	Department and their	and using	Examinations
		and their duties, and	duties, and the basic	explanations	

	[				
		the basic procedures for following up on health conditions	procedures for following up on health conditions		
3	2	Food system, extracts from the Public Health Law	Food system, extracts from the Public Health Law	Giving a lecture and using explanations	Examinations
4	2	General conditions, conditions for granting health leave, conditions that must be met by the leave holder and the workers	General conditions, conditions for granting health leave, conditions that must be met by the leave holder and the workers	Giving a lecture and using explanations	Examinations
5	2	Special conditions, including hotels, rest houses, public cafes, casinos, family parks, and shops selling coffee and travel tea.	Special conditions, including hotels, rest houses, public cafes, casinos, family parks, and shops selling coffee and travel tea.	Giving a lecture and using explanations	Examinations
6	2	Ovens, bakeries and pastries, food and beverage preparation and serving shops	Ovens, bakeries and pastries, food and beverage preparation an serving shops	Giving a lecture and using explanations	Examinatior
7	2	Shops that prepare and sell service ice cream, and shops that sell individual home food supplies	Shops that prepare and sell service ice cream, and shops that sell individual home food supplies	Giving a lecture and using explanations	Examinations
8	2	Stores selling meat, dairy, eggs, and animal products (wholesale), stores selling red meat, poultry and their products.	Stores selling meat, dairy, eggs, and animal products (wholesale), stores selling red meat, poultry and their products.	Giving a lecture and using explanations	Examinations
9	2	Stores selling ready- made food and drinks, stores selling wholesale and individual river and sea fish, sherbet, juice and ready-made food.	Stores selling ready- made food and drinks, stores selling wholesale and individual river and sea fish, sherbet, juice and ready-made food.	Giving a lecture and using explanations	Examinations
10	2	Barber and beauty salons, coffee grinding and selling shops, live chicken shops	Barber and beauty salons, coffee grinding and selling shops, live chicken shops	Giving a lecture and using explanations	Examinations
11	2	The role of fitness	The role of fitness	Giving a lecture and using explanations	Examinations
12	2	Food industry laboratory food additives	Food industry laboratory, food additives	Giving a lecture and using explanations	Examinations
13	2	Food safety (food fraud)	Food safety (food fraud)	Giving a lecture and using explanations	Examinations

14	2	Food supplies factory, food appetizers factory	Food supplies factory, food appetizers factory		Giving a lecture and using explanations	Examinations
15	2	Sweets factory, Al- Rashi production factory	Rashi p	factory, Al- production ctory	Giving a lecture and using explanations	Examinations
299.	Course	Evaluation				
prepar	Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reportsetc 300. Learning and Teaching Resources					
		0 0				
Main re	Required textbooks (curricular books, if any) Main references (sources)			Oversight C 2- Public H amendment 3- Law No. to the Publi	Ministry of Heal Guide 2012-2013 ealth Law No. 89 s 54 of 2001 (Eight c Health Law) gulation No. 29 of	of 1981 and its th Amendment
Recommended books and references (scientific journals, reports)						
5	· •	rences, Websites				

30	1 (	Course Name:							
50	Pharmacology 2								
30		Course Code:							
30	303. Semester / Year:								
		ester second / $2^{nd}$							
30		Description Pre							
		4/2/24							
30	5. /	Available Attend	ance Forms:						
		Direct							
30	6. I	Number of Credi	t Hours (Total) / Number	r of Units (Tota	ıl)				
		urs / 4 units							
307.	Course	e administrator'	s name (mention all, if	more than or	ne name)				
	Name:	Raghda Saad M	ohammed Email: <u>raghda</u>	a.mohammed@at	u.edu.iq				
30		Course Objective	S						
Course	Objectiv		sic science of pharmacology						
			e activity of drugs						
			sorption and excretion of drug						
			se and dosage form kicology, toxins, poisoning with	h motols					
30	0 7	Feaching and Lea		n metais.					
Strateg			he use of modern scientific metho	ds in presenting lectu	res (data show)				
	2. Pr	actical application of th							
310 C		actical training in hospi tructure	tais						
		Required Learning	TL-24	Learning	Evaluation				
Week	Hours	Outcomes	Unit or subject name	method	method				
		G.U.T. Uterine stimulants ,	G.U.T. Uterine stimulants , uterine						
		uterine relaxants ,	relaxants , Vulval and viginal	Giving a lecture					
1	2	Vulval and viginal	disorders, Contraceptives,	and using	Examinations				
		disorders, Contraceptives, U.T.	U.T. disorders ,	explanations					
		disorders ,							
			Mucaula skalatal disardars						
1		Musculo skeletal	Musculo skeletal disorders ,						
202	2	disorders , Chronic	Chronic rheumatic diseases	Giving a lecture	Entering				
2 & 3	2	disorders , Chronic rheumatic diseases	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles	and using	Examinations				
2&3	2	disorders , Chronic	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft	-	Examinations				
2&3	2	disorders , Chronic rheumatic diseases	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles	and using	Examinations				
2 & 3	2	disorders , Chronic rheumatic diseases , Treatment of gout	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft tissues inflammations. Blood formation and coagulations :-	and using	Examinations				
		disorders , Chronic rheumatic diseases , Treatment of gout Blood formation	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft tissues inflammations. Blood formation and coagulations :- Iron deficiency anaemia	and using explanations Giving a lecture					
2 & 3	2	disorders , Chronic rheumatic diseases , Treatment of gout Blood formation and coagulations	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft tissues inflammations. Blood formation and coagulations :- Iron deficiency anaemia megalobl astic anaemia , other	and using explanations Giving a lecture and using	Examinations				
		disorders , Chronic rheumatic diseases , Treatment of gout Blood formation	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft tissues inflammations. Blood formation and coagulations :- Iron deficiency anaemia megalobl astic anaemia , other types of anaemia	and using explanations Giving a lecture					
		disorders , Chronic rheumatic diseases , Treatment of gout Blood formation and coagulations	Chronic rheumatic diseases Treatment of gout , , myasthenia grvis, Mascles relaxants, Rubefacients , Soft tissues inflammations. Blood formation and coagulations :- Iron deficiency anaemia megalobl astic anaemia , other	and using explanations Giving a lecture and using					

			Skin:		
6& 7	2	Emollients , antipruridics , topical Corticosteroids , Eczemaow psoriasis Acne , antibacterial ,	Emollients , antipruridics , topical Corticosteroids , Eczemaow psoriasis Acne , antibacterial , disinfectants , antifugl , Antiviral , antiparasitics , melanizing and demelanizings	Giving a lecture and using explanations	Examinations
8	2	Drugs acting on E.N.T	E.N.T. Drugs acting on E.N.T. Including antibiotics and anti inflamatory.	Giving a lecture and using explanations	Examinations
9	2	Anti infective preparations, Anti inflammatory Eye drug	Eye: Anti infective preparations, Anti inflammatory (corticosteroids) , Mydriatcs and cycloplegics , Glaucoma, other preparations	Giving a lecture and using explanations	Examination
10 & 11	2	Chemo therapy and immunosuppressant:	Chemo therapy and immunosuppressant: Alkylatings , antimetabolites , enrymes , Hormones , drug alter immuneresponses.	Giving a lecture and using explanations	Examinations
12& 13	2	Anaesthetics: General anesthetics, preanthetics, Inhalation, local anesthetics.	Anaesthetics: General anesthetics, preanthetics, Inhalation, local anesthetics.	Giving a lecture and using explanations	Examinations
14 & 15	2	C.N.S. Hypnotics and axiolytics , Antipsychotics, Antidepressants , CNS stimulants ,	C.N.S. Hypnotics and axiolytics , Antipsychotics, Antidepressants , CNS stimulants ,Anorectics , antiemetics , analgesics (mild, moderate, sever pain , migraine , antiepileptics , parkinsonism, drugs used in chorea , tics. Trigeminal neuralgia	Giving a lecture and using explanations	Examinations
		Evaluation			
prepar	ation, da	aily oral, monthly, o	ccording to the tasks assig or written exams, reports		nt such as daily
312.	Learnii	ng and Teaching I			
Require books, i		sks (curricular	Mycek, M.J.; Harvey R.A. and Ilustrated Reviews: Pharmacolo phia New York.	gy.(2nd ed.). Lippinc	ott-Raven, Philadel
Main re	ferences	(sources)	Laurence, D.R. ; Bennett , P.N. pharmacology. New Y		
		ooks and references ls, reports)			
		ences, Websites			

313	3. (	Course Name:								
	Medicine & Surgery 2									
	314. Course Code:									
315. Semester / Year:										
	Semester second /2 <sup>nd</sup> year									
310	316. Description Preparation Date:									
	202	4/2/24								
31'	7. A	vailable Attendanc	e Forms:							
		Direct								
318	8. N	Number of Credit H	ours (Total) / Number	r of Units (Tota	l)					
	6 ho	urs / 6 units								
31	9. Cou	rse administrator's	s name (mention all	l, if more than	one name)					
	Name:	Rania Razaq Mahd	i							
	Email:	rania.mahdi@atu.edu.i	đ							
320		Course Objectives								
Course	Objectiv	· · · · · · · · · · · · · · · · · · ·	Student Will be able how	•						
		*	Student Will be able to giv	Ũ	1					
			Vill be able to dress Wound		_					
	4		Vill be able to measure bloc	od pressure , pulse	,Temperature .					
32		Feaching and Learni								
Strateg	SY		es and the use of modern	scientific method	ds in presenting					
		lectures (data show) 2 Practical application	ion of theoretical vocabu	larv						
		3. Practical training		iui y						
322.C	ourse St									
Week	Hours	1 0	Unit or subject	Learning	Evaluation					
		Outcomes	name	method	method					
1	2	Bronchitis (M) +	Bronchitis (M) +	Giving a lecture and using	Examinations					
1	2	cholycystitis (S)	cholycystitis (S)	explanations	Examinations					
	_	Pleural effusion (M))	Pleural effusion (M)) +	Giving a lecture						
2	2	+ gall bladder stone (S)	gall bladder stone (S)	and using	Examinations					
				explanations Giving a lecture						
3	2	Anemia (M) + spleen injury (S)	Anemia (M) + spleen injury (S)	and using	Examinations					
				explanations						
4	2	Leukemia (M) + pancreatitis (S)	Leukemia (M) + pancreatitis (S)	Giving a lecture and using	Examinations					
-	2	,Hemorrhagic fever	,Hemorrhagic fever	explanations	Examinations					
		Lymphoma (M) +	Lymphoma (M) +	Giving a lecture						
5				and using	Examinations					
5	2	hernia (S)	hernia (S)	ovelopotions						
5	2	· · ·		explanations Giving a lecture						
6	2	hernia (S) Hemophilia (M) + types of hernia (S)	hernia (S) Hemophilia (M) + type of hernia (S)	Giving a locture	Examinations					

_		Glomerulonephritis		onephritis	Giving a lecture	- · ·
7	2	(M) + tracheal	. ,	tracheal	and using	Examinations
		obstruction (S)		ction (S)	explanations	
0		Nephrotic syndrome	·	syndrome	Giving a lecture	- · ·
8	2	and renal failure $(M) +$		ailure $(M) +$	and using	Examinations
		lung ca. (S)	lung	ca. (S)	explanations	
0 0 10	2	Rheumatoid arthritis	Rheumato	oid arthritis	Giving a lecture	
9 & 10	2	(M) + fracture $(S)$	$(M) + frac{1}{2}$	acture (S)	and using	Examinations
			~ /		explanations	
11		Gout $(M)$ +	Gout	(M) +	Giving a lecture	Emericantina
11		pyelonephritis (S)	pyelone	ohritis (S)	and using	Examinations
			10 1		explanations	
10		Hyperpitutirism (M)	Hyperpitut	irism (M) +	Giving a lecture	E
12		+ renal stones (S)	renal st	ones (S)	and using	Examinations
					explanations	
13		Thyroid gland disease	Thyroid gl	and disease	Giving a lecture	Examinations
15		(M) + bladder ca. $(S)$	(M) + bladder ca. (S)		and using explanations	Examinations
		Addison diseases (M)			Giving a lecture	
14		+ blood transfusion Addis		seases (M) +	and using	Examinations
17		(S)	blood tran	sfusion (S)	explanations	Lixammations
		Para Thyroid gland	Para Thyroid gland		Giving a lecture	
15		disease (M) +		e(M) +	and using	Examinations
-		hemorrhoid (S)		hoid (S)	explanations	
323.	Course	Evaluation		( )	1	
		e score out of 100 acco	rding to the	tacks accin	and to the stude	nt cuch ac daily
		aily oral, monthly, or w				int such as ually
				s, reports		
324.	Learnir	ng and Teaching Res	ources			
				0	nternal medicine	specialist Dr.
				Fawaz Al	-Khalidi	
				1- Davids	ons by Davidson	
				2- Harriso	on text book of me	edicine by
Require	ed textbo	oks (curricular books, in	f any)	Harrison		-
-			•	3-Clinical	methods by Hats	chison
					l Surgical Nursing	
				Fayza Bo		
					l surgery by;Baily	and love
Main re	eferences	(sources)				
		books and references	(scientific			
	s, reports		( ····································			
•	<u> </u>	rences, Websites				

325	5. (	Course Name:						
	International Health							
320	326. Course Code:							
327	7. S	Semester / Year:						
	Seme	ester first / 2 <sup>nd</sup> year						
328	8. I	Description Prepara	ation Date:					
	202	4/2/24						
329	9. A	Available Attendance	e Forms:					
		Direct						
330	0. N	Number of Credit Ho	ours (Total) / Numbe	r of Units (Tota	al)			
	5 ho	urs / 5 units						
33	1. (	Course administrat	or's name (mentio	n all, if more tl	han one			
	name)		,					
	Name:	Anaam Mohammed	d Abdel Al-Hassan E	Email: <u>abdel-hass</u>	an.dw@atu.edu.iq			
332	2. (	Course Objectives						
Course	Objectiv	es • Learn about maj	or global health challeng	es, programs and	policies around			
		infectious diseases.						
		_	dent will be able to:-					
		• 1- Identify the hu health and disease.	ge diversity of diseases in	the world and the	determinants of			
			ent and emerging global h	ealth priorities incl	uding emerging			
			s, poverty, conflicts and	-				
			rms, and major global init	*	-			
		health promotion.						
		• 3- Identify interna	ational measures to limit th	ne spread of epidem	nic diseases.			
333	3. Т	Feaching and Learning	ng Strategies					
Strateg	У		res and the use of moder	n scientific method	ds in presenting			
		lectures (data show)	on of theoretical vocabula	irv				
		3. Practical training in		ll y				
334.C	ourse St	tructure						
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation			
		Outcomes	name	method	method			
		The concept of international health -	1-International Health. The concept of	Giving a lecture				
1&2	2	the emergence of	international health -	and using	Examinations			
		international health	the emergence of	explanations				
	international health							
3	3 2 Global Policy for Global Policy for and using Examinations							
_		International Health.	International Health.	explanations				
		Ethical issues in	Ethical issues in	Giving a lecture				
4	2	international health	international health	and using	Examinations			
		service delivery.	service delivery.	explanations				

	1	Internetional treation	Tre 4 a m		<u> </u>		
5	2	International treaties and international		national treaties	Giving a lecture	Examinations	
3	Z				and using	Examinations	
		health diplomacy.		th diplomacy.	explanations		
		Global health policy frameworks:	framev	health policy			
6	2				Giving a lecture	Enominations	
6	2	development,		pment,	and using	Examinations	
		economics, security,		mics, security,	explanations		
		human rights.	numar	ı rights.	<u> </u>		
7	2	Eradication and	E	radication and	Giving a lecture	<b>F</b> aransia ati an	
7	2	elimination of	elimi	nation of diseases	and using	Examination	
		diseases. Definition of infectious	Dofini	tion of infectious	explanations		
					Giving a lecture		
8	2	disease and what are the factors of the		se and what are factors of the	and using	Examinations	
					explanations		
		epidemiological triad.	epide	miological triad.	-		
0	2	Methods of prevention	Metho	ods of prevention	Giving a lecture	<b>D</b>	
9	2	of infectious diseases		fectious diseases	and using	Examinations	
					explanations		
10	2	Methods of	Metho	ods of controlling	Giving a lecture	<b>D</b>	
10	2	controlling infectious	infectious diseases.		and using	Examinations	
		diseases.	17:4	-1	explanations		
		Vital statistics in	determining the		Giving a lecture		
11	2	determining the			and using	Examinations	
		epidemiology of	-	demiology of	explanations		
		infectious diseases	infectious diseases		-		
10	2	AIDS and hepatitis	AID	S and hepatitis	Giving a lecture	Enominations	
12	2	<sup>2</sup> types A and B		pes A and B	and using	Examinations	
		Pandemic influenza	Dand	emic influenza	explanations		
13	2	disease (Corona, bird		se (Corona, bird	Giving a lecture	Examinations	
15	2	and swine flu).		d swine flu).	and using explanations	Examinations	
		Hemorrhagic fever		orrhagic fever	_		
14	2	Ebola hemorrhagic		a hemorrhagic	Giving a lecture	Examinations	
14	2	disease	LUUI	disease	and using explanations	Examinations	
		uisease		uisease	<u> </u>		
15	2	Malaria		Malaria	Giving a lecture and using	Examinations	
15	2	Malalla		Ivialal la	explanations	Examinations	
225					explanations		
		Evaluation					
	-	e score out of 100 acco	-	-		nt such as daily	
prepar	ation, da	aily oral, monthly, or w	ritten e	xams, reports	etc		
336.	Learnin	ng and Teaching Res	ources				
		oks (curricular books, if					
-		(sources)	··· = j /	1- Ministry of	Health - Health C	versight Guide	
		(		2012-2013		Surger Surger	
					th Law No. 89 of	1981	
					of 2001 (Eighth J	Amenument to	
				the Public Hea	, ·		
<u> </u>				4- Food Regula	ation No. 29 of 19	982	
	mended		erences				
		als, reports)					
Electro	nic Refe	rences, Websites					

337.	Со	urse Name:				
	Health	&Occupational Safety	2			
338.	Со	ourse Code:				
339.	Se	mester / Year:				
	Semes	ter second $/2^{nd}$ year				
340.	De	escription Preparat	ion Date:			
	2024/	/ 2/24				
341.	Av	vailable Attendance	Forms:			
		Direct				
342.	Nı	umber of Credit Hou	rs (Total) / Number	of Units (Tota	al)	
	5 hou	rs / 5 units				
343	. Cours	se administrator's r	name (mention all,	if more than	one name)	
N	lame: D	oaa Yousif Moham	med			
E	lmail: <mark>D</mark>	oaa.mohammed@atu.eo	<u>lu.iq</u>			
344.		ourse Objectives				
Course C	bjectives		the academic year, the	ne student will b	be able to get	
		acquainted with				
		• the public	inspection programs or	d concents · T	a student will	
		be able to:	inspection programs an	id concepts -:- 11	he student will	
			familiar with the found	lations rules and	l requirements	
			of the inspection proces		requirements	
			ine the health condition		ions that must	
		be legally availa		Ĩ		
		Subject to heat				
345.	Te	aching and Learning				
Strategy			ures and the use of mo	dern scientific m	ethods in present	
		lectures (data show				
		2. Practical applic 3. Practical trainin	ation of theoretical voc	abulary		
346.Co	urse Str					
Week	Hours	Required Learning	Unit or subject	Learning	Evaluation	
VV CON	nouis	Outcomes	name	method	method	
			Insecticide poisoning			
Insecticide poisoning Poisoning by Giving a						
1&2	2	Poisoning by organic	organic compounds	lecture and	Examinations	
		compounds	(organic solvents - hydrocarbons and	using explanations		
	their derivatives)					
		Work accidents and	Chapter Four (Work	Giving a		
204	2	injuries)	accidents and injuries)	lecture and	E '	
3&4	2	Definition of accident and injury, its causes	Definition of accident and injury, its causes	using	Examinations	
		and injury, its causes and types	and injury, its causes and types	explanations		
		···· · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		ıl	

5&6	2	Handling and storing materials Signs and effects of safety and security	Handling and storing materials Signs and effects of safety and security	Giving a lecture and using explanations	Examinations
7	72Obstacles and the role of civil defense in facilities - casualty statisticsObstacles and the role of civil defense in facilities - casualty statistics72the jobthe job2the jobthe jobChapter Five (General methods of prevention from occupational hazards)Chapter Five (General methods of prevention from occupational hazards)821- Medical prevention methods1- Medical prevention methods82A - Primary, periodic, special and rehabilitation examinationsA - Primary, periodic, special and rehabilitation		Giving a lecture and using explanations	Examinations	
8			Giving a lecture and using explanations	Examinations	
9	2	B - First aid services at the work site C - Health and professional services at the work site (regulation And duties	B - First aid services at the work site C - Health and professional services at the work site (regulation And duties	Giving a lecture and using Exa explanations	Examination
10	2	Engineering prevention methods A - Locks B - Replacement C - Isolation	Engineering prevention methods A - Locks B - Replacement C - Isolation	Giving a lecture and using explanations	Examinations
11	2	D - Ventilation E - Monitoring the work environment (detecting and measuring pollutants in the work environment and comparing them to the recommended limits to identify an occupational health basis	D - Ventilation E - Monitoring the work environment (detecting and measuring pollutants in the work environment and comparing them to the recommended limits to identify an occupational health basis	Giving a lecture and using explanations	Examinations
12	2	F - General personal hygiene G - Inspection of work sites	F - General personal hygiene G - Inspection of work sites	Giving a lecture and using explanations	Examinations
13	2	3 - Personal protective equipment, its types, specifications and uses	3 - Personal protective equipment, its types, specifications and uses	Giving a lecture and using explanations	Examinations
14&15	2	Chapter Six Age and occupational safety legislation	Chapter Six Age and occupational safety legislation	Giving a lecture and	Examinations

		1- Decisions related to	1-Decisions related		using	
		occupational health	to occ	cupational health	explanations	
		and safety	and sa	afety		
		2- Laws	2- La	WS		
		3- Systems	3- Sy	stems		
		4 instructions	4	instructions		
347. C	Course E	Evaluation				
Distribu	ting the s	score out of 100 accord	ling to	the tasks assign	ned to the stude	ent such as daily
		y oral, monthly, or wri				c .
348. L	earning	and Teaching Resou	ırces			
Required	l textbook	ks (curricular books, if a	ny)			
Main refe	erences (s	sources)		Encyclopedia of Occupational Health and		
				Safety (ILO), Geneva 1990, Part Two		
				Iraqi Labor La	w No. 37 of 201	5
Recomm	Recommended books and references (scientific				health and safety	y book 2015
journals,	reports	```		Occupational	Safety	and Health
	-	·		Administration	n book 2009	
Electroni	c Referen	nces, Websites				

349. Course Name: Epidemiology 2							
1 350 Course Code:	350. Course Code:						
351. Semester / Year:							
Semester second / 2 <sup>nd</sup> year							
352. Description Preparation Date:							
2024/ 2/24							
353. Available Attendance Forms:							
Direct							
354. Number of Credit Hours (Total) / Number of	f Units (Tota	1)					
4 hours / 4 units		u)					
355. Course administrator's name (mention al	all if more th	nan one					
name)							
Name: Roaa Abad Jaythoom							
Email: <u>Roaa.jaythoom@atu.edu.iq</u>							
356. Course Objectives							
<b>Course Objective</b> • The student will be able to become familiar with the	e concepts of epi	demiology and					
the techniques related to it.	1 1						
• The student will be able to:							
• Private:-							
• .1. To learn about how diseases occur and how infe							
and controlled2. To learn how to analyze the occur	rrence of epider	nics.					
• .3. To know the pathogens	1 1 1	4 1.00					
• 4. To learn about calculating the spread of diseases rates of diseases and deaths	es and calculatin	ig the different					
357. Teaching and Learning Strategies	iontific mathe	de in presenting					
<b>Strategy</b> 1- Theoretical lectures and the use of modern sci lectures (data show)	cientific method	us în presenting					
2- Practical application of theoretical vocabulary	V						
3- Practical training in hospitals	5						
358.Course Structure							
	earning	Evaluation					
	nethod	method					
	iving a lecture						
1 2 their consequences their consequences	and using	Examinations					
and dealing with them and dealing with them	explanations						
Vaccination against Vaccination against Give	iving a lecture						
2 2 communicable communicable diseases	and using	Examinations					
diseases (regional plan)	explanations						
	iving a lecture						
3 2 prevention, prevention,	and using	Examinations					
environmental environmental	explanations						

		pollution, medical	pollution,	medical		
		waste	wa	ste		
4	2	Food poisoning (types and causes)	Food poisoning (types and causes)		Giving a lecture and using explanations	Examinations
5	2	Encephalomyelitis	Encephalomyelitis		Giving a lecture and using explanations	Examinations
6	2	Cholera	Cholera		Giving a lecture and using explanations	Examination
7	2	Water bags	Wate	er bags	Giving a lecture and using explanations	Examinations
8	2	Malaria	Ma	laria	Giving a lecture and using explanations	Examinations
9	2	schistosoma	schistosoma		Giving a lecture and using explanations	Examinations
10&11	2	Pandemic influenza - types and causes - Covid-19 (factors tha led to the emergence of new viruses belonging to the coronavirus family).	Pandemic influenza - types and causes - Covid-19 (factors that led to the emergence of new viruses belonging to the coronavirus family).		Giving a lecture and using explanations	Examinations
12	2	Acquired immunodeficiency disease	Acquired immunodeficiency disease		Giving a lecture and using explanations	Examinations
13	2	Hemorrhagic fever	Hemorrha	igic fever	Giving a lecture and using explanations	Examinations
14	2	Chicken pox	Chick	en pox	Giving a lecture and using explanations	Examinations
15	2	rabies	rabies		Giving a lecture and using explanations	Examinations
359.	Course	Evaluation				
	0	e score out of 100 acco ily oral, monthly, or w	0	0		nt such as daily
		g and Teaching Res				
		oks (curricular books, if				
Main references (sources)					ty health guide / l cal Book / 1986	Dr. Amjad Niazi
	المماميم	books and references	(scientific			
	s, reports					

361.       Course Name:         Professional Ethics         362.       Course Code:         363.       Semester / Year:         Semester second / 2 <sup>nd</sup> year         364.       Description Preparation Date:         2024/ 2/24         365.       Available Attendance Forms:									
362.       Course Code:         363.       Semester / Year:         Semester second / 2 <sup>nd</sup> year         364.       Description Preparation Date:         2024/2/24									
363.       Semester / Year:         Semester second / 2 <sup>nd</sup> year         364.       Description Preparation Date:         2024/2/24									
Semester second / 2 <sup>nd</sup> year 364. Description Preparation Date: 2024/ 2/24									
Semester second / 2 <sup>nd</sup> year 364. Description Preparation Date: 2024/ 2/24									
364.Description Preparation Date:2024/ 2/24	1								
2024/ 2/24									
505. Available Auendance Forms.									
Direct									
2 hours / 2 units									
367. Course administrator's name (mention all, if more than or	ie								
name)									
Name: Wassan Abbas Budi									
Email: <u>wassan.budi@atu.edu.iq</u>									
368.Course ObjectivesCourse Objectives• Identify the basic etiquette of professional behavior for workers in media	icel								
specialties	icai								
• Private:-									
• Qualifying the graduate on professional behavior in dealing with his profe	ssion and								
achieving compatibility with himself and his professional environment									
• (The patient, his companions, health workers, and medical equipment)									
369. Teaching and Learning Strategies									
<b>Strategy</b> Theoretical lectures and the use of modern scientific methods in pres	enting								
lectures (data show)									
370.Course Structure									
WeekHoursRequired LearningUnit or subjectLearningEvaluOutcomesnamemethodmethod									
Professional behaviour	nu								
- Its definition - its									
Definition of concept - its practical									
professional behavior applications - the Giving a lecture	ninations								
and its practical employees and their explanations	mations								
applications bosses									
- Elements of human									
behavior           Principles of         Principles of									
professional ethics in professional ethics in									
the stages of cultural the stages of cultural Giving a lecture									
2 2 and Islamic and Islamic and using Exam	ninations								
developments developments explanations									
Etiquette for dealing with patients in     Etiquette for dealing with patients in									

r	[				
		Behavioral trends	Behavioral trends and		
		and tendencies	tendencies		
3		Its definition,	Its definition,	Giving a lecture	
	2	classification,	classification, factors	and using	Examinations
		factors affecting it,	affecting it, and	explanations	
		and methods of its	methods of its	1	
		establishment	establishment		
			X 1 / 1		
		Values, customs and	Values, customs and		
		traditions	traditions	Civing a lastura	
4	2	Its definition,	Its definition,	Giving a lecture	Examinations
4	Z	classification, factors	classification, factors	and using explanations	Examinations
		affecting it, and methods of its	affecting it, and methods of its	explanations	
		establishment	establishment		
		Personality types,	establishment		
		how to deal with	Personality types, how		
		them	to deal with them		
		Definition of	Definition of	Giving a lecture	
5	2	personality - its types	personality - its types -	and using	Examinations
-	_	- its relationships - its	its relationships - its	explanations	
		nature - its	nature - its motivations	1	
		motivations - its	- its explanations		
		explanations	*		
		Basic ethics for the	Basic ethics for the		Examination
		health and medical	health and medical		
		profession	profession		
		- Characteristics and	- Characteristics and		
		characteristics of	characteristics of health	1	
		health workers -	workers - appearance,	Giving a lecture	
6	2	appearance, behavior,	behavior, and	and using	
		and commitment	commitment	explanations	
		- Characteristics of a	- Characteristics of a		
		successful medical	successful medical		
		associate Some undesirable	associate Some undesirable		
		practices in the	practices in the medica		
		medical field	field		
		The moral and legal	The moral and legal		
	2	rights of the patient	rights of the patient	Giving a lecture and using	
_		- Moral and legal right	- Moral and legal		
7		of workers in health	rights of workers in		Examinations
		and medical	health and medical	explanations	
		professions	professions		
		Behavioral dealing	Behavioral dealing		
		with the patient	with the patient		
		Receiving and dealing	Receiving and dealing		
		with the patient - and	with the patient - and		
	2	maintaining	maintaining	Giving a lecture	
8		professional secrets	professional secrets	and using	Examinations
		Determine	Determine	explanations	
		appointments for	appointments for		
		required procedures	required procedures		
		Maintaining the patient's needs	Maintaining the patient's needs		

9	2	Behavioral handling of medical devices and equipment. Daily access to devices, tools and solutions - Requirements, preparing it for daily work, sustaining it, maintaining it and preserving it on her. - Preparing the necessary medicationsBehavioral handling of medical devices and equipment. Daily access to devices, tools and solutions - Requirements, preparing it for daily work, sustaining it, maintaining it and preserving it on her. - Preparing the necessary medications for work and disposing		Giving a lecture and using explanations	Examinations
10	2	of them properly Conditions for the embodiment of mental health - Definition - Factors influencing it Role Mental health in diseases	of them properly Conditions for the embodiment of mental health - Definition - Factors influencing it Role Mental health in diseases	Giving a lecture and using explanations	Examinations
11	2	Professional compatibility and its relationship to work (its concept and conditions)	Professional compatibility and its relationship to work (its concept and conditions)	Giving a lecture and using explanations	Examinations
12	2	Occupational safety - Prevention of work risks and accidents Preventing the risks of bacterial, toxic and radioactive contamination - Preventing the risk of infection with infectious and communicable diseases - Avoid wrong practices in the field of work	Occupational safety - Prevention of work risks and accidents Preventing the risks of bacterial, toxic and radioactive contamination - Preventing the risk of infection with infectious and communicable diseases - Avoid wrong practices in the field of work	Giving a lecture and using explanations	Examinations
13	2	The humanitarian, religious and democratic dimensions of the health and medical professions	The humanitarian, religious and democratic dimensions of the health and medical professions		Examinations
14	2	The role of the medical associate in informing and spreading health culture among members of society. Factors for effective communication	The role of the medical associate in informing and spreading health culture among members of society. Factors for effective communication	Giving a lecture and using explanations	Examinations

		between medical	between medical			
		associates and patients	associates and patients			
		Conditions necessary	Conditions	•		
		for the success of a		ccess of a		
		medical member		member		
		during his watch		is watch	Giving a lecture	
15	2	Applications in		ations in	and using	Examinations
		professional behavior	profession	al behavior	explanations	
371. <b>(</b>	Course	Evaluation				
Distribu	uting the	score out of 100 accor	rding to the	tasks assig	ned to the stude	nt such as daily
prepara	ation, da	ily oral, monthly, or w	ritten exam	s, reports	etc	
372. Learning and Teaching Resources						
Required textbooks (curricular books, if any)			1- Methodological books / Professional			
			behavior - written by Dr. Adnan Shaker -			
			Dr. Hanaa Ahmed			
			reconcile			
			- Dr. Abdullah Jassim			
Main references (sources)			Professional Behavior of Doctors - Written			
			by Dr. Raji Abbas Al-Tikriti			
Recommended books and references (scientific				Forensic Medicine and Professional Ethics -		
journals, reports)			Written by Dr. Dhia Al-Musawi 1986 A			
				handbook on the professional behavior of		
				doctors -5- A handbook on the professional		
				behavior of doctors - published by the Iraqi		
				Medical Syndicate -		
Electronic References, Websites						

373	3. (	Course Name:						
	Health Inspection 2							
374		Course Code:						
37:	5. S	Semester / Year:						
	Seme	ester second / 2 <sup>nd</sup> ye	ar					
370	376. Description Preparation Date:							
	202	4/2/24						
37	7. A	Available Attendance	e Forms:					
		Direct						
378	8. N	Number of Credit Ho	ours (Total) / Number	r of Units (Tota	ıl)			
	4 ho	urs / 4 units						
379	9. C	Course administrat	or's name (mentior	n all, if more tl	nan one			
	name)							
	Name:	Malath Yousif Ismael	Email: <u>Dw.husio@at</u>	u.edu.iq				
380	0. <b>C</b>	Course Objectives						
Course	Objectiv		ourse: - At the end of the a	cademic year, the	student will be			
		able to recognize						
		•the public	. 1					
		• Special health insp to:	ection programs and conce	epts -:- The student	will be able			
			niliar with the foundations	rules and requiren	nents for the			
		success of the inspec		, raies and requirem				
		-	he health conditions and sp	pecifications that m	ust be legally			
		available in stores						
		• Subject to health su	upervision					
38		Teaching and Learning	<u> </u>					
Strateg	У		es and the use of modern	scientific metho	ds in presenting			
		lectures (data show)	on of the original weaphy	low				
		3. Practical training i	on of theoretical vocabu n hospitals	lary				
382.C	ourse St							
Week								
		Outcomes	name	method	method			
1	2	Ice and gypsum factor	Ice and gypsum	Giving a lecture	Examinations			
1	2	specifications	factories	and using explanations	Examinations			
	2	Juice, jam and mineral	Juice factories, mineral and carbonated water	Giving a lecture				
2		water factory		and using	Examinations			
		conditions Awareness about		explanations				
_	_	drinking water	Desalination and sterilization plants for	Giving a lecture				
3	2	plants and drinking	inking drinking water and and us	and using	Examinations			
		water projects	explanations					

4	2	Specifications of beauty centers	Beauty	centers	Giving a lecture and using explanations	Examinations
5	2	Explanation of cosmetics and detergents laboratories	Cosmetics laboratories and detergent laboratories		Giving a lecture and using explanations	Examinations
6	2	Conditions for means of transportation and preservation of materials Food	Means of transportation and preservation of materials Food		Giving a lecture and using explanations	Examination
7	2	Conditions for public showers and swimming pools		owers and ing pools	Giving a lecture and using explanations	Examinations
8	2	How to organize the work of street vendors	Organizing the work of street vendors		Giving a lecture and using explanations	Examinations
9	2	Conducting health and environmental inspections of schools	Health and environmental inspection of schools		Giving a lecture and using explanations	Examinations
10	2	Specifications of massacres	The massacres		Giving a lecture and using explanations	Examinations
11	2	Functions of bodies supporting health oversight work	Entities supporting health oversight work		Giving a lecture and using explanations	Examinations
12	2	Characteristics of sanitary landfill sites	Sanitary dumping sites		Giving a lecture and using explanations	Examinations
13	2	Critical control conditions and risk analysis	Hazard analysis and critical control points system		Giving a lecture and using explanations	Examinations
14	2	How to pull food models	Pull food models		Giving a lecture and using explanations	Examinations
15	2	Explain business contexts	Business	contexts	Giving a lecture and using explanations	Examinations
383.	Course	Evaluation			1	1
		score out of 100 accor	ding to the	tasks assig	ned to the stude	nt such as dailv
	0	ly oral, monthly, or writte	0	0		5
		ng and Teaching Reso				
-		oks (curricular books, if	any)			
Main re	ferences (	sources)	<ol> <li>The Iraqi Ministry of Health - Health</li> <li>Oversight Guide 2012-2013</li> <li>Public Health Law No. 89 of 1981 and its</li> </ol>			
				amendments 3- Law No. 54 of 2001 (Eighth Amendment)		
					Health Law) gulation No. 29 of	1982
Recomm		books and references	(scientific		-	
	, reports	.) nces, Websites				
Liceuol						

