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Accreditation to divide**



# **Academic program and course description guide**


**2024**

Ministry of Higher Education and Scientific Research  
Scientific supervision and evaluation device  
Department of Quality Assurance and Academic Accreditation  
International Accreditation Department

**Academic program description form for colleges and institutes**


University: Al-Furat Al-Awsat Technical University  
College Institute: Medical Technical Institute / Kufa  
Scientific Department: Nursing Techniques  
Date of filling out the file: 10/15/2023

Signature

  
Assistant Dean  
Prof. Ass. Nadia Abd. Al.Hadee

Date: 29/4/2024

Signature

  
Head of Department  
L. Zahra Mousa Hamza

date: 29/4/2024

Check the file before

Division of Quality Assurance and University Performance  
Name of the Director of the Quality Assurance and University  
Performance Division: Kholoud Abdel Ali Mudaffar

date: 9/5/2024

signature:

  
Authentication of the Dean

### 1. See the program

technical nursing our students will be able to work as ,After graduation cadres capable of meeting the needs of health sector institutions for trained nursing cadres capable of providing nursing care to all patients to current changes and .date scientific method-to-according to an up with specialized nursing developments and supply health institutions staff according to the needs of the labor market

### 2. Program message

foundations the laying and education technical nursing quality-high Providing application scientific through humanity for assistance and aid providing and nursing of basics and principles practical The principles the in embodied are need patients that everything and profession humanitarian a as ethics Professional

### 3. Program Goals

- \*Preparing nursing cadres at multiple educational levels who are scientifically and practically qualified and able to deal with different aspects  
Modern technologies to provide the best patient care
- \*Providing all health institutions with their needs for nursing staff for both sexes  
Activating the continuing education channel by developing nursing staff who hold a preparatory certificate by opening courses
- \*Parallel to obtaining a diploma in nursing sciences, in addition to receiving top students from preparatory school Nursing
- \*Holding courses in various nursing sciences for all segments of society wishing to know the basics
- \* Nursing considers its importance at the individual and societal levels  
Opening specialized branches of the Nursing Technology Department, such as vision examination and emergency and critical care nursing
- \*Midwifery and obstetrics nursing according to the labor market needs for these specialties

#### 4. Program accreditation

No application has been made for accreditation

#### 5. Other external influences

(Nursing Union) ,community ,Internet ,Library

#### 6. structure Program

* comments	percentage	Study unit	Number of courses	Program structure
<b>Writes ,basic ,supported ...or</b>		<b>Number of curriculum units</b>	<b>For example 3</b>	<b>Enterprise requirements</b>
				<b>College requirements</b>
				<b>Department requirements</b>
				<b>summer training</b>
				<b>Other</b>

#### 7. Program description

Credit hours		Name of the course or course	Course or course code	level/Year
practical	theoretical			
		<b>1Lesson</b>		<b>2024-2023</b>
		<b>2Lesson</b>		<b>2024-2023</b>
		<b>3Lesson</b>		<b>2024-2023</b>
		<b>4Lesson</b>		<b>2024-2023</b>
		<b>5Lesson</b>		<b>2024-2023</b>

## 8. Expected learning outcomes of the programme

### Knowledge

1 Statement of learning outcomes

.1  
.2  
.3  
.4

### Skills

2 Statement of learning outcomes

( ) Avoid making mistakes .1  
Know the safety steps at .2  
( ) work  
Follow healthy steps at work .3  
( )

### Value

for example ,Commitment to professional ethics .1

Write the values announced on the site for the department .2

.3

## 9. Teaching and learning strategies

- ) Theoretical lectures using illustration toolsDaya Show ..... ,smart board ,  
.(
- .....the concepts studied in Practical application of
- students are assigned a topic within the curriculum for )Seminars  
(presentation and discussion
- remember the visits made by the department to state ) Field visits  
(departments or the private sector according to specialization
- learning platforms–Using blended learning methods via e

## 10. Evaluation methods

- .(for example)Exams before a lecture

- Quarterly or monthly exams
- Homework
- Seminars
- Scientific activities

## 11. education institution

### Faculty members

Preparing the teaching staff		Special skills /requirements (if any)		Specialization		Scientific rank
lecturer	angel			private	general	
						.1
						.2
						.3
						.4
						.5
						.6
						.7

### Professional development

#### Orienting new faculty members

- Conferences
- (alienated and shared) Research
- Courses and workshops
- .Meetings and seminars

#### Professional development for faculty members

Continuing education through research

**12. Acceptance standard**

whether central ,Developing regulations related to admission to the college or institute)  
(admission or others mentioned

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

.Remember briefly

**14. Program development plan**

**skills chart Program**

**Learning outcomes required from the programme**

Value				Skills				Knowledge				Essential or ?optional	Course Name	Course Code	level/Year
C	3C	2C	1C	4B	3B	2B	1B	4A	3A	2A	1A				
4															

- Please check the boxes corresponding to the individual learning outcomes from the program subject to evaluation



# The first stage



1. Course name: fundamental of nursing
2. Code Course
3. of the first course year /Semester
4. Date of discription : 1 / 9 / 2023
5. to students attendance forms are available A
6. 6 /hours 6 : (total)number of units / (total)Number of study hours units
7. than one name is if more) Name of the course administrator (mentioned :Ami - Kawthar Karim Abdul Ali Al .M :Name <a href="mailto:byatykrym4@gmail.com">byatykrym4@gmail.com</a>
8.Course Objectives: Fundamentals of Nursing is the necessary and basic subject for the nursing student because it provides him with all the basics  To practice the profession at a level based on a solid scientific foundation. One of its most important goals is that it presents all the basic rules and nursing tasks applied to the patient from the stage of admission to the health care unit until his exit from it (it includes all nursing interventions with the patient and all methods of therapeutic nursing interventions and

<p>methods of nursing documentation) and through it the student will acquire skills to practice the profession. Nursing health scientifically.</p>	
<p><b>9 –Objectives of the study</b></p>	<ul style="list-style-type: none"> <li>• Knowledge of nursing interventional procedures for interacting with the patient and the student acquiring skills to apply them in the nursing reality.</li> </ul>
<p><b>10–Teaching and learning strategies</b></p>	
<p>1. Clarifying the basic concepts and rules of the Fundamentals of Nursing course.</p> <p>2. Knowing the steps of the nursing process and the possibility of applying them step by step in patient health care.</p> <p>3. Recognizing the importance of each nursing intervention with the patient and the reason for performing it, while giving scientific evidence that includes each intervention and the reason for performing it.</p>	<p><b>The strategy</b></p>
<p><b>B- The program's skill objectives</b></p> <p>B1- The ability to think about solving the problem according to certain rules</p> <p>B2- Skills for dealing with nursing interventions and methods of using them to support positive health for the patient</p> <p>B3- The ability to support the patient's healthy environment with a system of solid nursing principles, interspersed with the applied curriculum of individual nursing skills.</p>	

**Teaching and learning methods**

- 1- Use the display or screen to display pictures and scientific films to attract the student's attention to interact with the lecture
- 2- and colored pens to illustrate certain Use the blackboard diagrams and terms
- 3- Using models and illustrations in practical training
- 4- getting ,Practical training in specialized health institutions practical training on ,acquainted with all branches of the institution and teaching students how to take a ,ct's vocabularythe subje .patient's medical history
- 5- Guiding students on some resources on websites to benefit from them to develop their capabilities

**Evaluation methods**

- 1- Conducting surprise and quick tests in an attempt to .evaluate and evaluate the previous lecture
  - 2- Requesting the preparation of reports on nursing interventions from modern sources and seminars on topics related .to the curriculum to encourage scientific research
- Conducting oral and practical tests
- It is required to know the .a sick condition to the students Giving -3 .and provide health care for them ,identify them ,nursing problems

<p style="text-align: center;"><b>C- Thinking skills</b></p> <p>C1- The ability to make decisions by recognizing critical thinking and how to manage the patient's health condition by arranging health problems according to priority and providing them with the necessary steps.</p> <p>C2- Enabling students to think logically and benefit from the material in nursing practice in health institutions</p> <p>C3- Developing the student's ability to dialogue, discuss, and take patients' medical histories</p>	
<p style="text-align: center;"><b>Teaching and learning methods</b></p> <p>,demonstrations using a screen or data show ,models ,Blackboard training in health institutions ,seminars ,illustrations</p>	
<p style="text-align: center;"><b>Evaluation method</b></p> <p>,quarterly examinations ,oral examinations ,Daily examination preparing reports on patients' medical ,training in health institutions .preparing seminars ,history</p>	
<p style="text-align: center;"><b>other skills related )General and qualifying transferable skills (development to characterization and personal</b></p> <ol style="list-style-type: none"> <li>1- Follow scientific development by contacting universities via the Internet</li> <li>2- Developing the student's ability to deal with information via the Internet</li> <li>3- Developing the student's ability to dialogue and discuss</li> </ol> <p style="text-align: center;">-4</p> <p>patient's drum through a personal Enabling the student to prepare the</p>	

interview					
Course structure .11					
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours</b>	<b>the week</b>
Oral and practical exams	Lectures and practical	Define (the fundamentals of nursing, nursing, nurse, health, disease, patient, client, hospital) field of nursing, role, and responsibilities of nurse.	Understanding the subject and the ability to correctly identify details on models and images	6	The first week
Oral and practical exams	Lectures and practical	Admission and discharge of patient from hospital, chart report, health record. nail)	Understanding the subject and the ability to correctly identify details on models and images	6	second week

Oral and practical exams	Lectures and practical	All steps of nursing process.	Understanding the subject and the ability to correctly identify details on models and images	6	the third week
Oral and practical exams	Lectures and practical	Vital signs (body temperature, blood pressure, respiratory rate, pulse rate).	Understanding the subject and the ability to correctly identify details on models and images	6	fourth week
Oral and practical exams	Lectures and practical	Administration of medication (define drugs, route of drugs, factors affecting the drug activity, type of administration of medication and injection.	Understanding the subject and the ability to correctly identify details on models and images	6	the week Fifth and sixth
Oral and practical exams	Lectures and practical	Intravenous infusion (type of fluids, indication and contraindication ,role of nurse in giving infusion	Understanding the subject and the ability to correctly identify details on models and images	6	the week Seventh



Oral and practical exams	Lectures and practical	Dressing and bandages.	Understanding the subject and the ability to correctly identify details on models and images	6	The eighth week
Oral and practical exams	Lectures and practical	Wounds and bleeding (define, care of healing process, type of wound, phases of wound healing)	Understanding the subject and the ability to identify correctly details on models and images	6	the week Ninth
Oral and practical exams	Lectures and practical	Suture (structure, techniques, equipment, suture removed.	Understanding the subject and ability to the correctly identify details on models and images	6	the week The tenth and eleventh
Oral and practical exams	Lectures and practical	Body mechanism (position of patients principle, important).	Understanding the subject and the ability to identify correctly details on models and images	6	the week Twelfth and thirteenth
Oral and practical exams	Lectures and practical	Asepsis (infection, stage of infection, type of infection) Disinfection and sterilization. Body hygiene (purpose, bathing)	Understanding the subject and the ability to correctly identify on models details and images	6	The fourteenth week Fifteenth

<b>12.Course evaluation</b>					
such as daily ,according to the tasks assigned to the student 100 Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
<b>13.Learning and teaching resources</b>					
Educational bags			(if any ,methodology)Required textbooks		
<b>,Iqbal Majeed ,Nazira Hussain.1 -Obstetrics and Gynecology Nursing /tion Authority Technical Educa 2002 /Baghdad  Obstetrics and - Ali Abdel Amir .2 - Ministry of Health - Gynecology .1985 /Central Workers Press</b>			(sources)Main references		
<b>1- Book Miller and Bowen. Text book of Obstetric and Obstetric Nursing. Fifth Edition – 1974  2- John Howkins and Corden Bourne Text book of Gynecology Lippincott, Co. 1975.  3- Reeder Mastroianni – Maternity Nursing 5th<sup>Edition</sup> JB Lippincott Company Philadelphia – 1978.</b>			Recommended supporting books and (...reports ,scientific journals)references		
<a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a>			Internet sites ,Electronic references		

1. Microbiology : Course name	
2. Course Code	
3. of the first course year / Semester	
4. The date this description was prepared is 9/1/2023	
5. Attendance forms available to students	
6. :(total)number of units /(total)Number of study hours 4 /hours4 units	
7. (if more than one name is mentioned)course administrator Name of the	
: email ,Salam Abbas Aliwi .M : Name <a href="mailto:kin.slm22@atu.edu.iq">kin.slm22@atu.edu.iq</a>	
8. Course objectives Microbiology	
<p>This branch is concerned with . is one of the important subjects and is one of the branches of biology :</p> <p>diagnose and treat it ,the microscopic causes of disease and how to prevent studying and understanding</p> <p>This will enable the student .so that all nursing students can gain competence and experience in this field</p> <p>.field in the future to work in his</p>	
<ul style="list-style-type: none"> <li>● Knowledge of pathogenic microorganisms that ,prevent ,cause human diseases and how to diagnose</li> </ul>	Objectives of the study subject .9

and treat them ,provide nursing care.	
<b>Teaching and learning strategies .10</b>	
<p>1 microbiology Clarifying the basic concepts in .</p> <p>2and how to sterilize ( germs ) Knowledge of pathogens .</p> <p>caused by Recognizing the clinical importance of knowing the diseases microorganisms and their clinical signs</p>	The strategy
<p>B- The program’s skill objectives ability to think about solving the problem according to certain rules The -1B</p> <p>illness caused by microorganisms and how to deal with the dealing with for Skills -2B patient</p> <p>,whether bacteria ,robial diseasesmic Ability to provide special nursing care for -3 B .or parasites ,viruses</p>	
<p>Teaching and learning methods</p> <ol style="list-style-type: none"> <li>1- Use the display or screen to display pictures and scientific films to attract the . student’s attention to interact with the lecture</li> <li>2- . Use the blackboard and colored pens to illustrate certain diagrams and terms</li> <li>3- video and photo clips for clarification Use</li> <li>4- health institutions Practical training in specialized</li> <li>5- Guiding students on some resources on websites to benefit from them to develop their capabilitie</li> </ol>	

<p>Evaluation methods</p> <ol style="list-style-type: none"> <li>1- Conducting surprise and quick tests in an attempt to evaluate and evaluate the previous lecture</li> <li>2- on diseases and disease complications that may be caused by microorganisms Requesting the preparation of reports from modern sources and seminars on topics related to the curriculum to encourage scientific research</li> </ol> <p>3-tests practical and Conducting oral</p>	
<p>C- Thinking skills and clinical signs The ability to make decisions by identifying diseases -1 C</p> <p>students to think logically and benefit from the material in nursing practice Enabling -2 C in health institutions</p> <p>and ,treat ,and discuss how to diagnose Developing the student’s ability to dialogue -3 C identify signs and symptoms</p>	
<p>Teaching and learning methods , seminars , illustrations , demonstrations using a screen or data show , models , Blackboard training in health institutions</p>	
<p>Evaluation methods preparing , training in health institutions , quarterly exams , oral exams , Daily exams , seminars</p>	

<p>other skills related to characterization and ) General and qualifying transferable skills -          ( personal development          1- Follow scientific development by contacting universities via the Internet          2- Internet Developing the student's ability to deal with information via the          3- Developing the student's ability to dialogue and discuss          4- as well as prevention ,Increasing the student's diagnostic and therapeutic skills          and nursing care</p>					
<b>Course structure .11</b>					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral and practical exams	Lectures and practical	History of biosafety microbiology and molecular biology Biosafety levels Personal protective equipment	Understanding the topic and the ability to correctly know the the details of lecture theoretically and practically	4	The first week
Oral and practical exams	Lectures and practical	Classification of microorganism. Cutaneous, Genitourinary, Gastrointestinal, Hepatic and Hemorrhagic viral diseases (Clinical appearances, diagnosis and treatment)		4	second week

Oral and practical exams	Lectures and practical	General introduction of bacteriology General structure of bacteria. Sterilization and disinfection, culture media and staining		4	the third week
Oral and practical exams	Lectures and practical	Environmental conditions are affected on the growth of bacteria Stages of bacterial growth, Bacterial growth inhibition	Understanding the topic and the ability to know the details correctly	4	fourth week
and practical Oral exams	Lectures and practical	Medical bacteria: Staphylococci Group, Staphylococcus aureus, epidermidis, saprophyticus, general characters, toxins, pathogenicity treatment	Understanding the topic and the ability to know the details correctly	4	the week Fifth
Oral and practical exams	Lectures and practical	Streptococci Group, Streptococcus pneumoniae:- general structure, diseases, pathogenicity and treatment S.viridans , S.faccalis , S.pyogens general structure , culture Media pathogenicity	Understanding the topic and the ability to know the details correctly	4	the week VI

Oral and practical exams	Lectures and practical	Neisseria group: General, meningococci, general structure, disease. Mycobacterium: Mycobacterium tuberculosis types, general structure, culture media resistance, disease cause, identification, treatment. Mycobacterium leprae: general characters, pathogenicity, diagnosis, treatment	Understanding the topic and the ability to know the details correctly	4	Seventh week
Oral and practical exams	Lectures and practical	Clostridia (anaerobic): General characters, Clostridium tetani: description, disease factors enhance growth in the wounds, prevention treatment	Understanding the topic and the ability to know the details correctly	4	the week VIII
Oral and practical exams	Lectures and practical	Gas gangrene (clostridial myonecrosis): Description, disease, treatment, food, poisoning clostridia, toxins secreted in the foods, symptoms, treatment. Bacillus anthrax: description, disease, treatment	Understanding the topic and the ability to know the details correctly	4	the week ninth The



Oral and practical exams	Lectures and practical	Intestinal bacteria types, medical importance, characters general, cultures identification. Pathogenic intestinal bacteria Salmonella group: symptoms, poisoning, treatment	Understanding the topic and the ability to know the details correctly	4	the week ,The tenth eleventh and twelfth
Oral and practical exams	Lectures and practical	Shigella disease: treatment, shigella food poisoning, symptoms, proteus, disruption, culture	Understanding the topic and the ability to know the details correctly	4	The thirteenth and fourteenth week Fifteenth
<b>12.Course evaluation</b>					
,such as daily preparation ,according to the tasks assigned to the student 100 Distribution of the grade out of .etc , reports ,written exams ,monthly ,oral ,daily					
<b>13.Learning and teaching resources</b>					
bags Educational			(if any ,methodology)Required textbooks		
of Baghdad College ,Medical Microbiology – .1 Technology University of Kufa ,Medical microbiology .2			(sources)Main references		
<b>1- Medical microbiology,NCBI bookshelf,</b>			Recommended supporting books and references (....reports ,scientific journals)		

<p><b>2- Medical microbiology and virology</b></p> <p><b>Michel R.BARER, 2002, first edition.</b></p> <p><b>3-text of microbiology, <sup>2nd</sup> and <sup>3rd</sup> year</b></p> <p><b>EMMES,DR.I Clement,twelfth edition</b></p>	
<p><a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a></p>	<p>Internet sites ,Electronic references</p>

8. Course name: Anatomy
9. Code Course
10. of the first course year /Semester
11. 2023/1/9is description was prepared The date this
12.to students attendance forms are available A
13.units 4 /hours 4 : (total)number of units / (total)Number of study hours
14. if more than one name is ) Name of the course administrator (mentioned
: Yamil Sarah Abboud Shanan Al .M.M :NameSarah.shanan.iku@atu.edu.iq
8.Objectives of the course
and ,is one of the important subjects and is one of the branches of human medicine Anatomy :

<p>this branch means</p> <p>basic structure of the human body Introducing students to the -1</p> <p>body Study of pathological variables on the structure of the human -2</p> <p>human of the basic structure A change in the treatment in the case of ssibilitiesStudy of the po -3 body</p>	
<p>basic structure Introducing students to the of the human body</p>	<p><b>Objectives of the study subject .9</b></p>
<p>Teaching and learning strategies .10</p>	
<p>basic concepts in anatomy Clarifying the .1</p> <p>Knowledge and understanding of the parts and details of the .2 anatomical structure of the human body</p> <p>Orienting the student towards the importance of anatomy in clinical practice</p>	<p><b>The strategy</b></p>
<p><b>The program's skill objectives -B</b></p> <p>the composition of of pathological variables on the basic effect Study the -1B body human</p>	

<p><b>Teaching and teaching methods</b></p> <p>6- Use the display or screen to display pictures and scientific films to .attract the student’s attention to interact with the lecture</p> <p>7- the blackboard and colored pens to illustrate certain diagrams Use .and terms</p> <p>8- museum model , student discussions and seminars ,Formal lectures and practical laboratory classes ,displays</p>	
<p><b>Evaluation methods</b></p> <p>1. to evaluate and Conduct surprise and quick tests in an attempt .evaluate the previous lecture</p> <p>2. Daily oral evaluation</p> <p>3. exams term theoretical and practical-Mid</p> <p>4. semester theoretical and practical exams-of-End</p>	
<p><b>Thinking skills -C</b></p> <p>details of identifying the organs and The ability to make decisions by -1C which contributes to practicing nursing techniques in a ,the human body scientific and accurate manner</p> <p>Enabling students to think logically and benefit from the material in -2C nursing practice in health institutions</p> <p>ability to dialogue and discuss Developing the student’s -3C</p>	

<b>Teaching and learning methods</b> ,demonstrations using the screen or data show ,models ,Blackboard .and written reports ,seminars ,illustrative pictures					
<b>Evaluation methods</b> evaluation of submitted offers ,quarterly exams ,oral exams ,Daily exa , Preparing seminars					
<b>other skills related )General and qualifying transferable skills -[ (to characterization and personal development</b> 5- Follow scientific development by contacting universities via the Internet 6- the student's ability to deal with information via the Developing Internet 7- Developing the student's ability to dialogue and discuss 8- body the human Distinguish the anatomical details of observations Linking theoretical knowledge with practical -5					
Course structure .11					
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours</b>	<b>the week</b>
Oral and practical exams	Lectures and practical	Introduction , Anatomical position , Body Planes, Body Cavities, Abdominopelvic Regions	Understanding the subject and the ability to correctly identify details on models and images	4	The first week

Oral and practical exams	Lectures and practical	cell and cell parts, tissues and tissue <b>types</b>	Understanding the subject and the ability to correctly identify details on models and images	4	second week
Oral and practical exams	Lectures and practical	Anatomy of Skeleton System, upper limbs, Lower limbs	Understanding the subject and the ability to correctly identify details on models and images	4	the third week
Oral and practical exams	Lectures and practical	Central bones, <u>Bones of the skull</u> , <u>Bones of the face</u> , Thoracic cage	Understanding the subject and the ability to correctly identify details on models and images	4	The fourth week Fifth

Oral and practical exams	Lectures and practical		Understanding the subject and the ability to correctly identify details on models and images	4	the week VI
Oral and practical exams	Lectures and practical	JOINTS, definition of joint, Types of Joints	Understanding the subject and the ability to correctly on identify details models and images	4	the week Seventh
Oral and practical exams	Lectures and practical	Anatomy of muscle system,	Understanding the subject and the ability to correctly identify details on models and images	4	The eighth week
Oral and practical exams	Lectures and practical	Anatomy of digestive system, kinds of teeth, Salivary lands, digestive system parts	Understanding the subject and the ability to correctly identify details on models and images	4	the week Ninth



Oral and practical exams	Lectures and practical	Anatomy of Nervous system, Central NS, Peripheral NS ., Spinal nerves, Neurons	Understanding the subject and the ability to correctly identify details on models and images	4	the week The tenth and eleventh
Oral and practical exams	Lectures and practical	Anatomy of Urinary system, reproductive (genital) system	Understanding the subject and the ability to correctly identify details on models and images	4	The eleventh week And twelveth
and Oral practical exams	Lectures and practical	Anatomy of Respiratory system , general Functions of Respiratory System , parts	Understanding the subject and the ability to correctly identify details on models and images	4	the week Thirteenth
and Oral practical exams	Lectures and practical	Anatomy of the Cardiovascular system, <b>Anatomy of Lymphatic System</b>	Understanding the topic and the ability to know the details clearly True to the hologram And pictures	4	fourteenth Fifteenth

12.Course evaluation	
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation	
13.Learning and teaching resources	
Educational bags	(if any ,methodology)textbooks Required
Snell RS (2011): Clinical anatomy by regions .9th Ed. Williams & Wilkins. Philadelphia	(sources)Main references
	Recommended supporting books and references (...reports ,scientific journals)
	Internet sites ,references Electronic

Course Name <b>Medical viruses and parasites</b>	
Course Code	
2024Second semester year / Semester	
2023/1/9 is The date this description was prepared	
Available attendance forms	
) number of units/(total)Number of study hours total 4/4 (	
(if more than one name is mentioned)Name of the course administrator	
: Email Salam Abbas Aliwi . Eng : Namekin.slm22@atu.edu.iq	
<b>8. Course objectives</b> 8. is one of the important subjects and is one of the branches of Viruses and parasites :Course objectives the microscopic causes of disease and how to branch is concerned with studying and understanding This .biology This will .so that all nursing students can gain competence and experience in this field , diagnose and treat it ,prevent .enable the student to work in his field in the future	
Knowledge of pathogenic microorganisms that cause human diseases and how and treat them ,provide nursing care ,prevent ,diagnose.	Objectives of the study subject
<b>9. Teaching and learning strategies</b>	
	The strategy

10. Course structure					
Evaluation method	Learning method	the unit or topic Name of	required learning outcomes	hours	the week
Oral and practical exam	Practical and smart	parasite definition , parasitology , host , commensalisms parasitism , parasite and pathogenicity			the first
Oral and practical test	practical and theoretical	intestinal protozoa, amoebic dysentery, life cycle symptoms, diagnosis, treatment. E. histolytica life cycle symptoms, diagnosis, treatment			the second
Theoretical and practical exam	practical and theoretical	gingivalis life cycle symptoms, diagnosis, treatment. Acanthameoba life cycle symptoms, diagnosis, treatment.			The third
Theoretical and practical exam	practical and theoretical	Intestinal flagella, giardia lamblia, shape, diagnosis, treatment. Intestinal cilia: blantidium coli-shape-life cycle disease diagnosis, treatment			the fourth
Theoretical and practical exam	Practical and smart	N. fowleri life cycle symptoms, diagnosis, treatment. T. vaginalis life cycle symptoms,			Fifth and sixth

		diagnosis, treatment. Blood unicellular parasite plasmodium: Life cycle – Laboratory Diagnosis – Disease Treatment			
Oral and practical exam	Theoretical and practical	Leishmania donovani form: Life cycle, Disease, diagnosis, Treatment. Leishmania tropica: Shape – disease, treatment. Toxoplasmosis: shape-life cycle disease diagnosis, treatment			Seventh and eight
Oral and practical exam	Theoretical and practical	Intestinal worms: pin worme, enterobius, shape, male, femal, egg, life cycle, disease, treatment 10th Ascaris: shape, (mal, femal, egg) life cycle, disease, diagnosis, treatment.			The ninth and tenth
		Tap worms: Taenia solium & Taenia saginata:- shape, life cycle, diagnosis, treatment 12th Schistosoma hacmatobium: Shape, male, female, egg, life cycle, disease, diagnosis, treatment			Eleven th and twelfth
		Hydatid cyst: shape, life cycle, diagnosis, treatment.			thirteen
		Mycology: general introduction, classification of fungi.			Week fourteen
		Fungal infection types, clinical diagnosis, treatment			Fifteenth
11. Course evaluation					

Daily And exams Daily Preparation like requester With it Assigned mission according to on 100 From Class distribution etc .... And reports And editorial And monthly And oral

12. Learning and teaching resources	
Baghdad College of ,Medical Microbiology – .1 Technology  University of Kufa ,Medical microbiology .2	(if any ,methodology) Required textbooks
<b>3- Medical microbiology,NCBI bookshelf,</b>  <b>4- Medical microbiology and virology</b>  <b>Michel R.BARER, 2002, first edition.</b>  <b>3-text of microbiology, <sup>2nd</sup> and <sup>3rd</sup> year</b>  <b>EMMES,DR.I Clement,twelfth edition</b>	(sources)Main references
	Recommended supporting books and references (....reports ,scientific journals)
<a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a>	Internet sites ,Electronic references

15.: Course Name: biostatistics	
Second semester	
16.Course Code	
17.year/Semester :	
2024-2023the first stage of the academic year - The second semester	
18.:Date this description was prepared	
2024- 6 - 4	
19.:Available forms of attendance	
20.(total)number of units /(total) Number of study hours	
units 4 ,hours in the second semester 30	
21.Name of the course administrator	
Sayed Ali-Abdel Nasser Ahmed Al . <a href="mailto:Mnasserabdel166@gmail.com">Mnasserabdel166@gmail.com</a>	
22.objectives Course	
<p><b>:General goals</b> and ,arriving at correct conclusions ,Processing and analyzing statistical data .preparing statistical forms</p> <p><b>:Special objectives</b> <b>: Recognition</b> .Dealing with statistical data - .statistics Dealing with and knowing life and health - Organizing the statistical form and health form related to daily accidents - .deaths and diseases ,Such as births Learn about the types of health and medical research-</p>	<b>Objectives of article Scholarship</b>
23.Teaching and learning strategies	
<p>.strategy Cooperative education .Teaching strategy brainstorming .Education strategy collaborative concept planning time feedback-Education strategy real .Education strategy notes series</p>	<b>The strategy</b>

.Education strategy by exchanging opinions and discussion .information Education strategy by presenting Education strategy through training and presenting scientific .developments					
<b>24. .course ( theoretical ) The structure of the :First</b>					
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours the ) theory (</b>	<b>the week</b>
, Med , and final exams	Theoretical explanation supported by presentation methods Power Point	Introduction to statistics	Learn about the statistical process of ,determining the original population and how to ,how to select samples collect data from the selected sample	2	1
=	=	=	How to prepare a questionnaire form and explain the (unclassified data) methods of displaying statistical data	2	2
=	=	=	Explain how to build descriptive tables	2	3
=	=	=	Explain how to build frequency distribution tables	2	4
=	=	=	Explanation of graphical display methods	2	5
=	=	=	How to display frequency distribution - histogram)tables graphically (frequency curve - frequency polygon	2	6
=	=	=	How to calculate measures of central (arithmetic mean) tendency	2	7



=	=	=	How to calculate measures of central (mode -median )tendency	2	8
=	=	Life statistics	An explanation of the concept of life statistics and how to calculate the ratio and rate	2	9
=	=	=	calculate Mortality statistics and how to different death rates in order to improve the health situation	2	10
=	=	=	Fertility statistics and how to calculate different birth rates in order to improve the health situation	2	11
=	=	=	and how to calculate Disease statistics various diseases in order to rates of improve the health situation	2	21
=	=	=	Training on how to build life tables	2	31
=	=	Health statistics	its ,Learn about health statistics and the fields it addresses ,sources	2	41
=	=	=	- Clarifying statistics on causes of death statistics of health institutions	2	15
25. Course evaluation					
,such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of ) and written exams ,monthlyMed ( . (and final					
26. Learning and teaching resources					
				<b>Abdul Khaleq Abdul .Dr -Life statistics -1</b>	

	<b>Technical Education –Naqeeb –Jabbar Al Authority</b>
	<b>Khashi .Dr –Introduction to statistics –2 University of Mosul –Rawi –Mahmoud Al</b>
	<b>.Dr –Statistics in the social sciences –3 Alexandria –Mohamed Awad Abdel Salam University</b>
	<b>Introduction to health and life statistics –4 Ministry –Rubaie –Adnan Shukri Al .Dr – of Health</b>
	<b>5- Introducing population statistics – Norma Mc Arthur.</b>
	<b>6- W. Dixon and F. Massey – Introduction to statistical analysis.</b>
	<b>7- Banderfort Hill, Fundament in biological studies.</b>

Course name: physiology	
Code Course	
of the second course year /Semester	
description was prepared Date this 1/9/2023	
attendance forms Available .A	
) (total)number of units /(total)Number of study hours 2 practical hours and ( )2 / theoretical hours (4 units	
(if more than one name is mentioned) Name of the course administrator	
:Ami - Nourhadi Hassan Al .M .M :Name <a href="mailto:noor.hassan@atu.edu.iq">noor.hassan@atu.edu.iq</a>	
27. objectives Course	
Providing the student with information that enables him to identify the physiological parts how to connect them and their relationship to ,body and their importance in the human and to know the clinical importance of physiology and its ,diseases that affect humans .relationship to other medical sciences	
1 physiology and the basics on Getting to know the concept of - .which it is based -2 Identify the types of body systems and the nature of their work and function -3 How to regulate the body's activities and deal with external or internal influences	<b>Objectives of the study subject</b>

<p>- 4 each other and how their work is regulated The effect of the body's systems on</p> <p>imes- 5the most important laboratory tests related to body Identify ,such as the number of red and white blood cells ,functions and others ,measuring hemoglobin levels</p>	
<b>28. Teaching and learning strategies</b>	
<p>- 1 Knowing the importance of organ physiology.</p> <p>2 Identify the role of the body's systems in regulating the body's activities -</p> <p>- 3 and their relationship with each ,their function ,How the body's systems w other.</p> <p>- 4 Learn the tests that measure some body functions.</p>	<b>The strategy</b>
<p><b>Skills objectives of the program -B</b></p> <p>1 Training students to conduct laboratory tests related to body functions -</p> <p>2 Learning how to read and interpret the results of laboratory tests and link them with normal body functions</p> <p>- 3 The ability to think about addressing the problem according to certain rules</p> <p>- 4 sciences skills to link human body systems to other medical</p> <p>5 The ability to link physiology to some diseases that affect humans -</p>	
<p><b>Teaching and learning methods</b></p> <p>1Use the display or screen to display pictures and scientific films to attract the student's attention to interact with the lecture</p> <p>- 2 the blackboard and colored pens to illustrate certain diagrams Use and terms</p> <p>- 3 Practical application in the laboratory</p>	

<p>4 Guiding students on some resources on websites to benefit from - them to develop capabilities</p>	
<p><b>Evaluation methods</b></p> <ul style="list-style-type: none"> <li>- 1By adopting the method of direct dialogue and oral evaluation Initial questions</li> <li>- 2 Conduct surprise and quick tests in an attempt to evaluate and evaluate the previous lecture</li> <li>- 3Requesting the preparation of reports on the body's systems and their mechanism from modern sources and seminars on topics related working .to the curriculum to encourage scientific research</li> </ul>	
<p><b>Thinking skills -C</b></p> <ul style="list-style-type: none"> <li>- 1 development by acquiring knowledge about the physiology of organs-Self</li> <li>2- Identify the role of the laboratory and the important tests that give indication about the body's function.</li> <li>3 ,different parts of the body The ability to make decisions by identifying scientific which contributes to practicing community health techniques in .and accurate manner</li> <li>4 Enabling students to think logically regarding the anatomical and - functional structure of the human body and make practical use of it in nursing practice</li> <li>5 Developing the student's ability to dialogue and discuss -</li> </ul>	

<p><b>Teaching and learning methods</b>  ,illustrations ,demonstrations using a screen or data show ,models ,Blackboard training in health institutions ,seminars</p>
<p><b>Evaluation methods</b>  preparation ,training in health institutions ,quarterly exams ,oral exams ,Daily exam Seminars</p>
<p><b>other skills related to )General and qualifying transferable skills -Dr (characterization and personal development</b>  - 1 Follow scientific development by contacting universities via the Internet  2- to deal with information via the Internet Developing the student’s ability  -3 Developing the student’s ability to dialogue and discuss</p>

29. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral exams and practical	Lectures and practical	Introduction of Physiology Blood, blood components, blood cells, RBCs	Understand the subject and be able to apply experiments correctly and write down the results	4	the week the first

Oral exams and practical	Lectures and practical	WBCs, Plate late, Anemia	Understand the subject and be able to apply	4	the week the second
Oral exams and practical	Lectures and practical	cardiovascular system - an overview of the anatomy of the circulatory system - heart anatomy - heart valves. The systemic and pulmonary circulation	experiments correctly and write down the results  Understand the subject and be able to apply	4	the week the third
Oral exams and practical	Lectures and practical	Autonomic rhythmicity of the heart, Phases of action potential, The nervous regulation of the heart.	experiments correctly and write down the results	4	the week the fourth
Oral exams and practical	Lectures and practical	The cardiac cycle, Mechanical events of the cardiac cycle, The heart sounds, ECG.	Understand the subject and be able to apply	4	the week Fifth

Oral exams and practical	Lectures and practical	arterial blood pressure - blood flow silent - air pressure - blood pressure measurement	experiments correctly and write down the results	4	the week VI
Oral exams and practical	Lectures and practical	respiratory - respiratory muscles - the diaphragm - and function of the diaphragm for the lungs.	Understand the and be able subject to apply experiments	4	the week Seventh
Oral exams and practical	Lectures and practical	nervous system - nerve anatomy - the central nervous system. peripheral nervous system - the sympathetic nervous system.	correctly and write down the results Understand the subject and be able to apply experiments correctly and write	4	the week Eighth and ninth
Oral exams and practical	Lectures and practical	Digestive System, mouth – pharynx – esophagus – stomach Digestive System Physiology,	down the results Understand the subject and be able to apply experiments correctly and write	4	the week The tenth and eleventh
			results down the		



Oral exams and practical	Lectures and practical	urinary tract - college - college anatomy - and kidney function - urine - its components - the flow of blood in the college - diseases which marks appear in the urine - absorption of the task in college - pebble college composition.	Understand the subject and be able to apply experiments correctly and write down the results	4	the week The twelfth and Thirteenth
Oral exams and practical	Lectures and practical	Accessory organs , salivary glands, liver, gallbladder, pancreases.	Understand the subject and be able to apply experiments correctly and write down the results  Understand the subject and be able	4	The fourteenth and fifteenth weeks

			to apply ts experimen correctly and write down the results		
			Understand the subject and be able to apply experiments correctly and write down the results		
<b>30. Course evaluation</b>					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
<b>31. Learning and teaching resources</b>					
<b>Educational bags</b>			(if any ,methodology)Required textbooks		
<b>Clinical - Yassin-Dhafer Al .Dr - 1 1983Ministry of Health - Physiology</b>			(sources)Main references		
<b>2- Green basic clinical physiology oxford publication 1976.</b>					
<b>3- Cordon sears – Anatomy physiology for nurses oxford publication - London 1974</b>					

32.	Course name: Medical terminology
33.	Code Course
	<a href="https://www.ncbi.nlm.nih.gov/pubmed">https://www.ncbi.nlm.nih.gov/pubmed</a> Internet sites ,Electronic references
34.	of the first course year /Semester
35.	2023/1/9is description was prepared The date this
36.	to students attendance forms are available A
37.	theoretical )hours 2 : (total)number of units / (total)Number of study hours units 2 / (only
38.	if more than one name is ) Name of the course administrator (mentioned :Ami - Noor Hadi Hassan Al .M.M :Name <a href="mailto:noor.hassan@atu.edu.iq">noor.hassan @atu.edu.iq</a>
	objectives Course .8  To provide students with information and skills about the linguistic structure of The course aims

<p>and to explain the main vocabulary in ,vocabulary in Latin and English scientific and medical various specialized medical applications to help students deal easily with doctors and workers in ,write ,ounceThe course also aims to familiarize the student with how to pron .different specialties along with knowing ,and understand the main medical terms that match their Arabic equivalents as ,the common abbreviations for the most important medical conditions and diagnostic methods he body's organs that the student will benefit well as getting to know the most important terms for t .from in the fields of health and daily life</p>	
<p>with as much of Familiarize yourself - 1 the most common and widely used medical and health terms as possible in language the English understand and ,explain ,Clarify -2 memorize these terms Empowering students and helping - 3 them store and memorize as much .medical terminology as possible</p>	<p><b>Objectives of the study subject .9</b></p>
<p><b>Teaching and learning strategies .10</b></p>	
<p>concepts in medical terminology Clarifying the basic .1 Know and understand the parts and details of medical terminology .2 Identify medical terminology related to devices .3</p>	<p><b>The strategy</b></p>
<p><b>Skills objectives of the program -B</b></p> <p>Pronounce medical terms correctly -1 . terminology in medical records report Identify medical -2</p>	

### **Teaching and teaching methods**

The teaching method changes according to the .Theoretical education  
It may be the .student's perception and interaction with the lecture  
the method of ,the method of questioning ,method of discussion  
in ,and it may be all methods at the same time ... deduction or deduction  
to the use of the morgue to increase the student's understanding addition  
and awareness...

### **Evaluation methods**

- 3- Conducting surprise and quick tests in an attempt to evaluate and  
.lecture evaluate the previous
- 4- Requesting the preparation of reports on medical terminology from  
modern sources and seminars on topics related to the curriculum  
.to encourage scientific research

Conducting oral and practical tests

### **Thinking skills -C**

- 1- Proper use of medical terminology when talking about anatomy and body systems ,physiology
- 2- Choose the appropriate medical term when talking about the concepts of physics and mechanics of the body
- 3- Distinguishing between different types of vital signs as well as between different imaging methods
- 4- Build coherent sentences and paragraphs using appropriate medical terminology when discussing any case

<b>Teaching and learning methods</b> ,illustrations ,demonstrations using the screen or data show ,Blackboard seminars					
<b>Evaluation methods</b> preparing ,preparing reports ,quarterly exams ,oral exams ,Daily exams seminars					
<b>other skills related )General and qualifying transferable skills - (to characterization and personal development</b> 9- contacting universities via the Internet Follow scientific development by Internet 10- Developing the student's ability to deal with information via the Internet 11- Developing the student's ability to dialogue and discuss					
Course structure .11					
Evaluation method	Learning method	or Name of the unit topic	Required learning outcomes	hours	the week
Oral exams	Lectures + PowerPoint + blackboard	Introduction of Medical Terminology (Medical term formation and construction, The root, The prefix)	Understanding of the subject and the ability to correctly identify details on images	2	The first week

Oral exams	Lectures + PowerPoint +nt blackboard	Introduction of Medical Terminology (The suffix, Compound words)	Understanding of the subject and the ability to correctly identify details on images	2	second week
Oral exams	Lectures + PowerPoint +nt blackboard	Overview of Anatomy and Physiology (Anatomy, The major type of anatomy, Physiology, Levels of Structural Organization, Necessary Life Functions)	Understanding of the subject and the ability to correctly identify details on images	2	the third week
Oral exams	Lectures + PowerPoint + nt blackboard	Overview of Anatomy and Physiology (Organ Systems of the Body)	Understanding of the subject and the ability to correctly identify details on images	2	fourth week
Oral exams	Lectures + PowerPoint +nt blackboard	Anatomical position, Body Planes, Body Cavities, Abdominal pelvic region.	Understanding the subject and the ability to correctly identify details on models and images	2	the week Fifth and sixth

Oral exams	Lectures + PowerPoint +nt blackboard	Clinical, Radiologic, and Diagnostic Procedures	Understanding of the subject and the ability to correctly identify details on images	2	the week Seventh and eighth
Oral exams	Lectures + PowerPoint +nt blackboard	Digestive system	Understanding the subject and the ability to correctly identify details on models and images	2	The ninth and tenth weeks
Oral exams	Lectures + PowerPoint +nt blackboard	Respiratory system	Understanding the subject and the ability to correctly identify details on models and images	2	the week Eleventh and twelfth
Oral exams	Lectures + PowerPoint +nt blackboard	Cardiovascular system	Understanding the subject and the ability to correctly identify details on models and images	2	The ,thirteenth fourteenth and fifteenth weeks



<b>12.Course evaluation</b>					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
<b>13.Learning and teaching resources .</b>					
Educational bags			(if any ,methodology)Required textbooks		
Medical Terminology: A Short Course by Davi-Ellen Chabner (Sept. 16, 2008).			(sources)Main references		
The best and most effective way to Memorize, pronounce and understand medical terms			references Recommended supporting books and (....reports ,scientific journals)		
<a href="https://www.dr7anas7mark.com">https://www.dr7anas7mark.com</a>			Internet sites ,Electronic references		

Clinical Chemistry :Course name
Code Course
2023/1/9 year /Semester
description was prepared Date this
Available attendance forms .A
units 4 /hours 4 (total)Number of units / (total)Number of study hours
(if more than one name is mentioned) Name of the course administrator
:Amail - Abbas Sahib Fakher Al :Nameabbasalabbas96@yahoo.com
<p>39.        is one of the important subjects and is one Clinical chemistry : objectives Course which is concerned with studying and understanding the ,of the branches of nursing science basic concepts of clinical chemistry and the chemical changes that occur due to metabolic f cells and glands to reach through them the diagnosis of dysfunction and the functions o pathological conditions so that all nursing students can gain competence and experience in One The most important goal of human health care is to diagnose pathological .this field</p>

<p>Students will also acquire basic skills in .to most of the body's functions conditions related  <b>by conducting laboratory tests to discover diseases and their causes using</b> clinical chemistry  <b>.reliable and reliable methods ,scientific</b></p>					
<p>,is one of the important branches of nursing science Clinical chemistry  which is concerned with studying and understanding the basic concepts of  to enable all ,and metabolism ,chemical changes ,clinical chemistry  One of .erience in this fieldnursing students to gain competence and exp  the most important goals of human health care is to diagnose pathological  and students will also ,conditions related to most of the body's functions  <b>by conducting laboratory tests to</b> Basic clinical chemistry .acquire skills  <b>agnose diseasesdi</b></p>				<p><b>Objectives of the stu</b> <b>subject</b></p>	
<p>40. Teaching and learning strategies</p>					
<p>Clarifying the basic concepts in biochemistry .1  Knowledge and understanding of everything surrounding the .2  chemical changes and interactions that occur within the human body  the clinical importance of knowing clinical chemistry Recognizing -3  and the problems and complications ,their highs and lows ,diseases  .accompanying them</p>				<p><b>The strategy</b></p>	
<p>41. Course structure</p>					
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours</b>	<b>the week</b>

Oral practical exam	Lectures And my work	Body fluid , blood	Understanding the subject and the ability to correctly identify details on models and images	4	the first
Oral practical exam	Lectures And my work	Body fluid , Urine	Understanding the subject and the ability to correctly identify details on models and images	4	the second
Oral practical exam	Lectures And my work	Electrolytes(Minerals)	Understanding the subject and the ability to correctly identify details on models and images	4	the third
Oral practical exam	Lectures And my work	Kidney function tests	Understanding the subject and the ability to correctly identify details on models and images	4	the fourth
Oral practical exam	Lectures And my work	Plasma proteins	Understanding the subject and the ability to correctly identify details	4	Fifth

			on models and images		
Oral practical exam	Lectures And my work	Liver Function Tests (LFTs)	Understanding the subject and the ability to correctly identify details on models and images	4	Sixth and seventh
Oral exams practical	Lectures And my work	Cardiac markers	Understanding the subject and the ability to correctly identify details on models and images	4	VIII
Oral practical exam	Lectures And my work	Diabetes Mellitus (DM)	correctly identify details on models and images	4	The ninth and tenth
Oral practical exam	Lectures And my work	Lipids	Understanding the subject and the ability to correctly identify details on models images and	4	Eleventh and twelfth

Oral practical exam	Lectures And my work	Vitamins and minerals	Understanding the subject and the ability to correctly identify details on models and images	4	Thirteenth
Oral practical exam	Lectures And my work	Endocrinology and Hormones	Understanding the subject and the ability to correctly identify details on models and images	4	Fourteenth and fifteenth
42. Course evaluation					
such as daily ,tasks assigned to the student according to the 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
43. Learning and teaching resources					
Educational bags			(if any ,methodology)Required textbooks		
<ul style="list-style-type: none"> <li>•Martin Andrew Crook, clinical biochemistry and metabolic medicine, 8th edition: 2012</li> <li>• Richard Harvey and Denis Ferrier, Lippincott illustrated reviews biochemistry, 5th edition: 2011</li> <li>•Tietz, fundamentals of clinical chemistry and molecular diagnostics, 7th edition: 2015</li> </ul>			(sources)Main references		
			Recommended supporting books and (...reports ,scientific journals)references		

<https://www.ncbi.nlm.nih.gov/pubmed/>

Internet sites ,Electronic references

44.	Course name: Biochemistry
45.	Code Course
46.	of the first course year /Semester
47.	2023/1/9is description was prepared The date this
48.	to students attendance forms are available A
49.	units 4 /hours 4 : (total)number of units / (total)Number of study hours
50.	if more than one name is ) Name of the course administrator (mentioned :Ayel - Abbas Sahib Fakher Al .Dr :Nameabbasalabbas96@yahoo.com
<p>as it is concerned with ,It is one of the important subjects : of the course Objectives .8  their division and :Amino acids and proteins –and structured solutions ,bases ,acids studying  their :Lipids –and interactions ,derivatives ,their division :Carbohydrate substances –properties  Nucleic –d lipoproteins Introduction to biological membranes an –division and characteristics  the chemical and –chemical structures of nitrogenous bases and nucleosides Nucleotides :acids</p>	



hormones and ,an introduction to enzymes –structural structure of deoxyribonucleic acid

vitamins.

- It is one of the important subjects as it is concerned with the study of ,  
–and structured solutions ,bases ,acids  
their division :Amino acids and proteins  
Carbohydrate –and properties  
,derivatives ,their division :substances  
their division :Lipids –and interactions  
Introduction to biological –and properties  
Nucleic –oproteins membranes and lip  
chemical structures of nitrogenous :acids  
–and nucleotides ,nucleosides ,bases  
Chemical and structural composition  
an introduction to –Doxyribonucleic acid  
hormones and vitamins ,enzymes.

**Objectives of the study subject .9**

**10. Teaching and learning strategies**

Clarifying the basic concepts in biochemistry .1

Providing the student with information that enables him to .2  
,identify all the chemical structures in the human body  
.enzymes and hormones and their relationship to disease

hormones ,enzymes ,tanding of amino acidsKnowledge and unders .3

**strategy The**

<p>.and vitamins</p> <p>Identify the clinical importance of chemical reactions and their .4 relationship to the basics of nursing</p>	
<p><b>The program's skill objectives -B</b></p> <p>according to certain The ability to think about solving the problem -1B rules</p> <p>Skills to link clinical chemistry with other medical sciences -2B</p> <p>The ability to link clinical chemistry to the diagnosis of some human -3B diseases</p>	
<p><b>Teaching and learning methods</b></p> <p>9- answer in giving Using the method of discussion and eliciting the the practical lecture when teaching the theoretical aspect</p> <p>10- Using a display or screen to display pictures or scientific films to .attract the student's attention to interact with the lecture</p> <p>11- illustrate certain diagrams Use the blackboard and colored pens to .and terms</p> <p>12- Using modern explanation methods and linking them to medical analyzes in which modern and advanced devices are used</p> <p>13- Guiding students on some resources on websites to benefit from them to develop their capabilities</p>	

<p><b>Evaluation methods</b></p> <p>5- Conducting surprise and quick tests in an attempt to evaluate and .evaluate the previous lecture</p> <p>6- Requesting the preparation of reports on gynecology and obstetrics from modern sources and seminars on topics related to .encourage scientific research the curriculum to</p> <p>Conducting oral and practical tests</p>	
<p><b>Thinking skills -C</b></p> <p>about various obstetrics The ability to make decisions by learning -1C which contributes to practicing nursing ,and gynecology diseases .accurate manner techniques in a scientific and</p> <p>Enabling students to think logically and benefit from the material in -2C nursing practice in health institutions</p> <p>and take patients' ,discuss ,Developing the student's ability to dialogue - medical histories</p>	
<p><b>methods Teaching and learning</b></p> <p>,demonstrations using a screen or data show ,models ,Blackboard training in health institutions ,seminars ,illustrations</p>	
<p><b>Evaluation methods</b></p> <p>training ,quarterly examinations ,oral examinations ,Daily examinatio ,reports on patients' medical history preparing ,in health institutio .preparing seminars</p>	

<p><b>other skills related )General and qualifying transferable skills -1</b>  <b>(to characterization and personal development</b>  12- Follow scientific development by contacting universities via the Internet  13- Developing the student's ability to deal with information via the Internet  14- Developing the student's ability to dialogue and discuss  -15  Enabling the student to prepare the patient's drum through a personal interview</p>					
Course structure .11					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral and practical exams	Lectures and practical	General chemistry and chemical reaction	Understanding the subject and the ability to correctly identify details on models and images	4	The first and second week
Oral and practical exams	Lectures and practical	Biochemistry and acid base balance	Understanding the subject and the ability to correctly identify details on models and images	4	The third and fourth week

Oral and practical exams	Lectures and practical	Water and electrolytes	Understanding the subject and the ability to correctly identify details on models and images	4	The fifth and sixth weeks
Oral and practical exams	Lectures and practical	Biomolecules	Understanding the the subject and ability to correctly identify details on models and images	4	The seventh and eighth weeks
Oral and practical exams	Lectures and practical	Amino acid	Understanding the subject and the ability to correctly identify details on models and images	4	the week The ninth and tenth
Oral and practical exams	Lectures and practical	Proteins	Understanding the subject and the ability to correctly identify details on models and images	4	the week eleventh
Oral and practical exams	Lectures and practical	Enzymes	Understanding the subject and the ability to correctly identify details on models and images	4	The twelfth week

Oral and practical exams	Lectures and practical	General chemistry and chemical reaction	Understanding the subject and the ability to correctly identify details on and models images	4	the week Thirteenth
Oral and practical exams	Lectures and practical	Biochemistry and acid base balance	Understanding the subject and the ability to correctly identify details on models and images	4	the week fourteenth
Oral and practical exams	Lectures and practical	Water and electrolytes	Understanding the subject and the ability to correctly identify details on models and images	4	the week Fifteenth
Course evaluation .12					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
Learning and teaching resources .13					
bags Educational			(if any ,methodology)Required textbooks		
Herbert J. Fromm , Mark Hargrove , textbook of essentials of biochemistry First Edition: 2012 •DM Vasudevan, textbook of medical			Recommended supporting books and references (...reports ,scientific journals)		

biochemistry, 7th Edition: 2013 <ul style="list-style-type: none"><li>•Tietz fundamentals of clinical chemistry and molecular diagnostics, 7th edition: 2015</li></ul>	
<a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a>	Internet sites ,Electronic references

# The second stage



51. Course name: Primary health care	
52. Code Course	
53. course of the first year /Semester	
54. 2023/1/9is description was prepared The date this	
55.to students attendance forms are available A	
56.units 6 /hours 6 : (total)number of units / (total)Number of study hours	
57. if more than one name is) Name of the course administrator (mentioned	
:Ami - Sahib Kazem Mahdi Al :Namesahibmurad004@gmail.com	
<p>Primary health care is one of the important and main academic : objectives Course .8  which aims to study and understand the primary health care ,subjects in the field of nursing  through ,as well as the national vaccination schedule ,services provided to the mother and child  the knowledge and experience the student gains in this field and the application of the acquired  .skills in the practical field</p>	
<ul style="list-style-type: none"> <li>The main objectives of the study :material are</li> </ul>	<b>jectObjectives of the study sub .9</b>

<ul style="list-style-type: none"> <li>• Raising the health level of society and sustaining life</li> <li>• Reducing the mortality rate through health (mother and child) .services provided to them</li> <li>• <b>and</b> Providing immunization <b>school health services</b></li> <li>• of respiratory diseases in Control children and epidemiological monitoring</li> </ul>	
Teaching and learning strategies .10	
<p>Clarifying the basic concepts in primary health care .1</p> <p>Knowledge and understanding in assessing the health status of the .2 family</p> <p>Recognizing the importance of health education and areas of .3 delivering information to the community</p> <p>Identify the goals of maternal and child care and the immunization program</p> <p>Learn about the importance of the health visitor program .5</p> <p>ool health servicesLearn about sch .6</p>	<b>The strategy</b>
<p style="text-align: center;"><b>The program's skill objectives -B</b></p> <p>The ability to think about solving the problem according to certain -1B rules</p> <p>during ,Skills for dealing with women's care before marriage -2B period and in the postpartum ,during childbirth ,pregnancy</p>	

<p>The ability to provide special nursing care for pregnant women and -3B follow up on complications through their periodic visits to the health center</p>	
<p style="text-align: center;"><b>Teaching and teaching methods</b></p> <p>14- to Use the display or screen to display pictures and scientific films .attract the student's attention to interact with the lecture</p> <p>15- Use the blackboard and colored pens to illustrate certain diagrams .and terms</p> <p>16- Using models and illustrations in practical training</p> <p>17- getting ,Practical training in specialized health institutions practical training on ,acquainted with all branches of the institution and teaching students how to take a ,the subject's vocabulary .patient's medical history</p> <p>18- Guiding students on some resources on websites to benefit from abilitiesthem to develop their cap</p>	
<p style="text-align: center;"><b>Evaluation methods</b></p> <p>7- Conducting surprise and quick tests in an attempt to evaluate and .evaluate the previous lecture</p> <p>8- Requesting the preparation of reports on primary health care programs from modern sources and seminars on topics related to .the curriculum to encourage scientific research</p> <p style="text-align: center;">Conducting oral and practical tests</p>	

<p style="text-align: center;"><b>Thinking skills -C</b></p> <p>how to follow up a pregnant The ability to make decisions by learning -1C which ,woman until birth through awareness and treatment programs contributes to practicing nursing techniques in a scientific and accurate .manner</p> <p>Enabling students to think logically and benefit from the material in -2C nursing practice in health institutions</p> <p>and take patients' ,discuss ,Developing the student's ability to dialogue -3 medical histories</p>	
<p style="text-align: center;"><b>Teaching and learning methods</b></p> <p>,demonstrations using a screen or data show ,models ,Blackboard training in health institutions ,seminars ,illustrations</p>	
<p style="text-align: center;"><b>Evaluation methods</b></p> <p>training ,quarterly examinations ,oral examinations ,Daily examination ,preparing reports on patients' medical history ,in health institutions .preparing seminars</p>	
<p style="text-align: center;"><b>other skills related )General and qualifying transferable skills (to characterization and personal development</b></p> <p>16- scientific development by contacting universities via the Follow Internet</p> <p>17- Developing the student's ability to deal with information via the Internet</p> <p>18- Developing the student's ability to dialogue and discuss -19</p> <p>gh a personal Enabling the student to prepare the patient's drum throu interview</p>	

Course structure .11					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral and practical exams	Lectures and practical	Health, public health, community health, primary health care	Understanding the subject and the ability to correctly identify details on models and images	6	The first week
Oral and practical exams	Lectures and practical	family assessment, Methods of collecting information, evaluation stages, family card	Understanding the subject and the ability to correctly identify details on models and images	6	second week
Oral and practical exams	Lectures and practical	Developing community health nursing, essential elements of PHC	Understanding the subject and the ability to correctly identify details on models and images	6	the third week
Oral and practical exams	Lectures and practical	Community health assessment, stages of planning health programs, nursing care steps	Understanding the subject and the ability to correctly identify details on models and images	6	fourth week And the fifth

Oral and practical exams	Lectures and practical	health education, Objectives, methods, the role Of the nurse in health education, Basic topics of health education	Understanding the subject and the ability to correctly identify details on models and images	6	the week VI
Oral and practical exams	Lectures and practical	Educational media, Benefits, types, Rules followed when using educational media	Understanding the subject and the ability to correctly identify details on models and images	6	the week Seventh
Oral and practical exams	Lectures and practical	Maternal & child care, objectives, Maternal and child care programs, visits, Antenatal care	Understanding the subject and the ability to correctly identify details on models and images	6	The eighth week
Oral and practical exams	Lectures and practical	Intrapartum care, Complications,	Understanding the subject and the ability to correctly identify details on models and images	6	the week Ninth
Oral and practical exams	Lectures and practical	Post partum care for the mother, postpartum period, complication, the Role of the nurse in maternity care	Understanding the subject and the ability to correctly identify details on models and image	6	the week The tenth

Oral and practical exams	Lectures and practical	child care, Neonatal health care, caring for children in nurseries, Infant vaccines	Understanding the subject and the ability to correctly identify details on models and images	6	the week eleventh
Oral and practical exams	Lectures and practical	health visitor, Objectives, health services, planning At home visit.	Understanding the subject and the ability to correctly identify details on models and image	6	The twelfth week
Oral and practical exams	Lectures and practical	Ways to contact the Head of family, health communication	Understanding the subject and the ability to correctly identify details on models and images	6	the week Thirteenth
Oral and practical exams	Lectures and practical	School health, objectives, therapeutic & preventive services, Components of school health, Typical classroom	Understanding the subject and the ability to correctly identify details on models and images	6	the week fourteenth
Oral and practical exams	Lectures and practical	School health education, school card, the role of the nurse in organizing the school card	Understanding the subject and the ability to correctly identify details on models and imag	6	the week Fifteenth

12.Course evaluation	
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation	
13.Learning and teaching resources	
Educational bags	(if any ,methodology)textbooks Required
<b>/Khader Daoud Suleiman .Dr .1 Public )Muhammad Youssef .Dr Ministry of Higher (Health Education and Scientific -University of Mosul /Research 1988</b>	(sources)Main references
<b>Abdali-Samira Shaker Al .2 -Al (community health nursing) 1986Baghdad /Tadamon Press</b>	
1- primary health care programs, learner guide-Riyadh Kareem Abboud st edition 2018	Recommended supporting books and references (...reports ,scientific journals)
<a href="https://www.who.int">https://www.who.int</a>	Internet sites ,Electronic references



Course name	maternity nursing
59.	Code Course
60.	of the first course year /Semester
61.	2023/1/9is description was prepared The date this
62.	to students attendance forms are available A
63.	units 6 /hours 6 : (total)number of units / (total)Number of study hours
64.	if more than one name is ) Name of the course administrator (mentioned
	:Amiel - Zahra Musa Hamza Al .M :Name <a href="mailto:kin.zhr@atu.edu.iq">kin.zhr@atu.edu.iq</a>
<p>is one of the important subjects and is one nursing Gynecology :of the course Objectives .8</p> <p>This branch is concerned with studying and understanding .of the branches of nursing science</p> <p>experience in this gynecology diseases so that all nursing students can gain competence and</p> <p>One of the most important goals of women’s health care is knowledge of pathological .field</p> <p>and students will also gain Basic skills in ,conditions specific to the female reproductive system</p> <p>e reproductive systemand pathology of the femal ,physiology ,anatomy</p>	

<ul style="list-style-type: none"> <li>Knowing the diseases specific to women and one of the most important goals of women's health care is knowing the disease conditions and for students to ,also acquire basic skills in anatomy and the pathological condition ,physiology . ive systemof the female reproduct</li> </ul>	<b>Objectives of the study subject .9</b>
<b>Teaching and learning strategies .10</b>	
<p>Clarifying the basic concepts in obstetrics and gynecology .1</p> <p>Knowledge and understanding of the parts and details of the .2 anatomical and physiological structure of the female reproductive .system</p> <p>Recognizing the clinical importance of knowing gynecological and the problems and complications ,labor and delivery ,diseas associated with them</p>	<b>The strategy</b>
<p><b>The program's skill objectives -B</b></p> <p>to certain The ability to think about solving the problem according -1B rules</p> <p>labor and delivery ,Skills for dealing with gynecological diseases -2B</p> <p>,Ability to provide special nursing care for gynecological diseases -3B labor and delivery of all types</p>	

<p><b>Teaching and teaching methods</b></p> <p>19- display pictures and scientific films to Use the display or screen to .attract the student’s attention to interact with the lecture</p> <p>20- Use the blackboard and colored pens to illustrate certain diagrams .and terms</p> <p>21- Using models and illustrations in practical training</p> <p>22- getting ,specialized health institutions Practical training in practical training on ,acquainted with all branches of the institution and teaching students how to take a ,the subject’s vocabulary .patient’s medical history</p> <p>23- it from Guiding students on some resources on websites to benef them to develop capabilities</p>	
<p><b>Evaluation methods</b></p> <p>9- Conducting surprise and quick tests in an attempt to evaluate and .evaluate the previous lecture</p> <p>10- Requesting the preparation of reports on gynecology and on topics related to obstetrics from modern sources and seminars .the curriculum to encourage scientific research</p> <p>Conducting oral and practical tests</p>	

<p><b>Thinking skills -C</b>  about various obstetrics The ability to make decisions by learning -1C  nursing which contributes to practicing ,and gynecology diseases  .techniques in a scientific and accurate manner</p> <p>Enabling students to think logically and benefit from the material in -2C  nursing practice in health institutions</p> <p>and take patients' ,discuss ,Developing the student's ability to dialogue  histories medical</p>	
<p><b>Teaching and learning methods</b>  ,demonstrations using a screen or data show ,models ,Blackboard  training in health institutions ,seminars ,illustrations</p>	
<p><b>Evaluation methods</b>  training ,quarterly examinations ,oral examinations ,Daily examination  ,preparing reports on patients' medical history ,in health institutions  .preparing seminars</p>	
<p><b>other skills related )General and qualifying transferable skills -C  (to characterization and personal development</b></p> <p>20- contacting universities via the Internet Follow scientific development by  Internet</p> <p>21- Developing the student's ability to deal with information via the  Internet</p> <p>22- Developing the student's ability to dialogue and discuss  -23</p> <p>Enabling the student to prepare the patient's drum through a personal  interview</p>	

Course structure .11					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral and practical exams	Lectures and practical	Anatomy and physiology of female internal reproductive system (uterus, ovary, fallopian tube, vagina).	Understanding the subject and the ability to correctly identify details on models and images	6	The first week
Oral and practical exams	Lectures and practical	Female congenital anomalies and clinical significance	Understanding the subject and the ability to correctly identify details on models and images	6	second week
Oral and practical exams	Lectures and practical	Physiology of Menstruation Menstrual abnormalities – Amenorrhea .. Dysmenorrhoea (Menorrhagia) causes, signs and symptoms and nursing care	Understanding the subject and the ability to correctly identify details on models and images	6	the third week

Oral and practical exams	Lectures and practical	Puberty and its disorder Adolescent Gynecological problems	Understanding the subject and the ability to correctly identify details on models and images	6	fourth week
Oral and practical exams	Lectures and practical	Infection of genital tract (Pruritus vulvae. Vaginitis, Cervicitis. HIV infection) causes, signs and symptoms and nursing care.	Understanding the subject and the ability to correctly identify details on models and images	6	the week Fifth and sixth
Oral and practical exams	Lectures and practical	Fibroid Uterus. Genital prolapsed. ovarian cysts..signs and symptoms and nursing care	Understanding the subject and the ability to correctly on identify details models and images	6	the week Seventh
Oral and practical exams	Lectures and practical	Genital tract displacement, Urinary disorders in Gynaecology	Understanding the subject and the ability to correctly identify details on models and images	6	The eighth week

Oral and practical exams	Lectures and practical	Malignant Lesions Uterus. Ovary .cervix signs and symptoms and nursing care	Understanding the subject and the ability to correctly identify details on models and images	6	the week Ninth
Oral and practical exams	Lectures and practical	Cautary, curettage and hysterectomy before and after operative nursing care. Operative, Pre & Post operative nursing care in Gynaecology	Understanding the subject and the ability to correctly identify details on models and images	6	the week The tenth and eleventh
Oral and practical exams	Lectures and practical	Family planning	Understanding the subject and the correctly ability to identify details on models and images	6	the week Twelfth and thirteenth
Oral and practical exams	Lectures and practical	Menopause physiological changes Signs symptoms management	Understanding the subject and the ability to correctly identify details on models and images	6	The fourteenth week Fifteenth

12.Course evaluation					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
13.Learning and teaching resources					
Educational bags			(if any ,methodology)Required textbooks		
<b>,Iqbal Majeed ,Nazira Hussain.1 Obstetrics and Gynecology -Nursing  Technical Education .2002 /Baghdad /Authority</b>			(sources)Main references		
<b>Obstetrics - Ali Abdel Amir .2 Ministry of - and Gynecology - Health  /Central Workers Press .1985</b>					



<p><b>3- Book Miller and Bowen. Text book of Obstetric and Obstetric Nursing. Fifth Edition – 1974</b></p> <p><b>4- John Howkins and Corden Bourne</b></p> <p><b>Text book of Gynecology Lippincott, Co. 1975.</b></p> <p><b>3- Reeder Mastroianni – Maternity Nursing 5th<sup>Edition</sup> JB Lippincott Company Philadelphia – 1978.</b></p>	<p>Recommended supporting books and references (....reports ,scientific journals)</p>
<p><a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a></p>	<p>Internet sites ,Electronic references</p>

65.	Course name: Professional ethics
66.	Code Course
67.	of the first course year /Semester
68.	2023/1/9is description was prepared The date this
69.	to students attendance forms are available A
70.	units 2/hours 2 : (total)number of units /(total)Number of study hours
71.	if more than one name is ) Name of the course administrator (mentioned : Yamil Hawraa Muhammad Al .M.M :Name <a href="mailto:hawraa.mohammed.iku@atu.edu.iq">hawraa.mohammed.iku@atu.edu.iq</a>
<p>basic ethics For the student to become familiar with the –1 :objectives Course .8  .conduct for workers in medical specialties of professional  profession Qualifying the graduate on professional behavior in dealing with his –2  and achieving compatibility with himself and his professional environment</p>	
by involving skillsDeveloping students ’ –1 them in working as a team through	Objectives of the study subject .9

<p>studies on various methods of preparing communication.</p> <p>Developing students' ability to face -2 challenges in the workplace and problems their behaviors when dealing identifying by with patients.</p> <p>Developing administrative and -3 informing students and leadership skills about how to employ professional ethics from the position of guiding the individual's . emotions behavior and</p>	
<p>Teaching and learning strategies .10</p>	
<p>Clarifying the basic concepts in the subject of professional ethics .1</p> <p>learn about various to Field visits that develop students' ability - 2 trends professional tendencies and</p> <p>requirements the Updating scientific programs and curricula to meet -3 .of work in the health field</p>	<p><b>The strategy</b></p>

<p><b>The program's skill objectives -B</b>  the student to work in a team spirit Enabling -1</p> <p>seminars Linguistic studies through His scientific skills Development – 2  lectures through and research delivered</p> <p>homework through up-Encouraging daily follow -3</p> <p>to service institutions visits field Developing applied capabilities through -4  ( Hospitals and health centers )</p>	
<p><b>Teaching and learning methods</b></p> <p>24- Use the display or screen to display pictures and scientific films to  .attract the student's attention to interact with the lecture</p> <p>25- pens to illustrate certain diagrams Use the blackboard and colored  .and terms</p> <p>26- Guiding students on some resources on websites to benefit from  them to develop their capabilities</p>	
<p><b>Evaluation methods</b></p> <p>11- Conducting surprise and quick tests in an attempt to evaluate and  .lecture evaluate the previous</p> <p>12- Requesting the preparation of reports from modern sources and  seminars on topics related to the curriculum to encourage scientific  .research</p>	

<p>13- oral ,Conducting tests</p>	
<p><b>Thinking skills -C</b>          increasing his ability to and the student's ability to improvise Developing -1          And research .discussion circles preparing through others interact with projects            them in involving Developing students' individual practical skills by - 2          research projects and scientific conferences.            ,reports ,seminars ) discussion sessions Involving the student in - 3          .and using modern educational methods ( seminars            communication with direct Preparing students for field work through -4          .Organized by the department health personnel during field visits</p>	
<p><b>methods Teaching and learning</b>          - tests monthly Daily and          - .Discussion seminars and scientific seminars          The students' interaction during the lecture -          Student attendance at lectures -</p>	

<b>Evaluation methods</b> training ,quarterly examinations ,oral examinations ,Daily examination ,preparing reports on patients' medical history ,health institutions .preparing seminars					
<b>other skills related to )General and qualifying transferable skills (characterization and personal development</b> 24- universities via the Internet Follow scientific development by contacting Internet 25- Developing the student's ability to deal with information via the Internet 26- Developing the student's ability to dialogue and discuss 27- Enabling the student to prepare the patient's drum through a personal interview					
structure Course .11					
<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours</b>	<b>the week</b>
Oral exams and seminars	Lectures	Professional its - behavior its - definition its - concept practical the - applications relationship between employees and /their superiors principles of	Understanding the topic and the ability to know the details correctly	2	The first week

		professional ethics in the stages of cultural the - developments - history of nursing the beginning of nursing in - nursing - sdifferent religion nursing in early Arab and -Islam Islamic civilization			
Oral exams and seminars	<b>Lectures</b>	- nursing Modern - Iraq in nursing the of development opening - profession and institutes ,schools .nursing for colleges and ethics Professional of definition - nursing of rules - profession the of rules - ethics - ethics professional .ethics - etiquette	Understanding the subject and the ability to correctly identify details on models and images	2	second week

Oral exams and seminars	<b>Lectures</b>	<p>of importance The the – ethics professional that morals and qualities a in present be must – nurse female and male of roots historical the professional nursing the – ethics of characteristics .nursing modern</p> <p>Professional their and constitutions of definition – benefits of definition – law the ethics professional the benefits – constitution profession of .constitutions</p>	Understanding the subject and the ability to correctly identify details on models and images	2	the third week
Oral exams and seminars	<b>Lectures</b>	<p>Nursing of Code of Humanity – Services International – Nursing Code Council Nursing Basic s'Nurse the and The .Responsibility relationships and nurse the of relationship the –</p>	Understanding the subject and the ability to correctly identify details on models and images	2	fourth week



		<p>the – people and nurse  nurse the of relationship  the of practice the and  the – profession  nurse the of relationship  the – society and  nurse the of relationship  with working those and  of relationship the – her  the and nurse the  the – profession  nurse the of relationship  the – doctor the and  nurses of relationship  .other each with</p>			
Oral exams and seminars	<b>Lectures</b>	<p>effects their and Values  the of practice the on  definition – profession  classification – values of  and nursing – values of  of formation – values  of methods – values  the – values forming  the on growth of effect  .values of acquisition  values of Classification</p>	<b>Understanding the subject and the ability to correctly identify details on models and images</b>	2	<p>the week  Fifth and sixth</p>

		<ul style="list-style-type: none"> <li>- values theoretical -</li> <li>- values economic</li> <li>social - values aesthetic</li> <li>values religious - values</li> <li>.values political -</li> </ul>			
Oral exams and seminars	<b>Lectures</b>	<ul style="list-style-type: none"> <li>impact their and Habits</li> <li>- practice nursing on</li> <li>- habits of definition</li> <li>motor - habits of types</li> <li>intellectual - habits</li> <li>emotional - habits</li> <li>congenital - habits</li> <li>habits</li> <li>- nursing and Habits</li> <li>be ustm that Habits</li> <li>- changed or to adhered</li> <li>developing of Methods</li> <li>of Means - habits</li> <li>- habits developing</li> <li>correcting of Methods</li> <li>- Religion - habits</li> </ul>	Understanding the subject and ability to the correctly identify details on models and images	2	the week Seven th

		.Traditions			
Oral exams and seminars	<b>Lectures</b>	the – Personality personality of meaning of definition – of theories – personality study the in importance – personality of – theory s'Krenschmer – theory s'Chelron .theory s'Jung	Understanding the subject and the ability to identify correctly details on models and images	2	The eighth week
exams Oral and seminars	<b>Lectures</b>	– types Personality humanistic – introverted depressive – hysterical – – anxious – volatile – – Suspicion – obsessive .Aggression	Understanding the subject and the ability to correctly identify details on models and images	2	the week Ninth

<p>Oral exams and seminars</p>	<p>Lectures</p>	<p>s 'The nurse appearance and the professional -nursing uniform the rules and duties that the nurse the - follows personal and professional qualities of the the -nurse professional standards required by the nursing profession The role of the nurse regarding some professional situations in the hospital for some -practices -falls -negligence errors resulting om giving fr drops -medications -suicide -burns - practicing medicine preserving the - patient's personal failure to -property observe and record information</p>	<p>Understanding the subject and the ability to correctly identify details on models and images</p>	<p>2</p>	<p>the week  The tenth and eleven th</p>
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Oral exams and seminars	Lectures	<p>Regulations and The -instructions importance of adhering to the application of regulations and The -instructions role of the nurse in obeying and implementing regulations and .instructions</p> <p>ental health and M -how to prevent it</p> <p>Definition of mental Factors -health affecting the provision of mental health to the -individual</p> <p>-Maslow's pyramid</p> <p>Prevention of -mental illnesses</p> <p>The foundations and objectives that must be adopted as e a guide to th nurse's work</p> <p>Occupational health and safety for hospital workers</p> <p>division of hospital - -workers</p> <p>occupational risks</p>	Understanding the subject and the ability to correctly identify details on models and images	2	the week  Twelfth and thirteenth
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		<p>to which the medical group is exposed</p> <p>Prevention of -occupational risks</p> <p>Prevention of work risks and accidents</p> <p>Prevention of the -s of bacterial risk and radioactive -contamination</p> <p>Prevention of the risks of disease infection</p>			
Oral exams and seminars	Lectures	<p>-Communication</p> <p>Communication Direct -methods -communication (group -individual )</p> <p>Indirect - -communication</p> <p>Communication</p> <p>How the -methods nurse communicates with the patient and conveys the correct .health idea</p> <p>Behavioral dealing .with the patient</p> <p>- eceiving and R dealing with the -patient maintaining</p>	Understanding the subject and the ability to correctly identify details on models and images	2	The fourteen th week Fifteenth

		professional .secrets - Determine appointments for required procedure requirements - Maintaining the .patient's needs Behavioral handling of medical devices .and equipment - Daily review of and tools ,devices .solutions - ,Requirements preparing them for ,daily work ,sustaining them ,maintaining them and preserving Preparing -them the necessary medications and disposing of them .properly Applications in professional behavior			
Course evaluation .12					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
Learning and teaching resources .13					

Educational bags	(if any ,methodology)textbooks Required
<p><b>1 ,Nazira Hussain ,Haifa ,Ibrahim - Professional -Sarah Dinkha behavior of nurses</b></p> <p><b>/Technical Education Authority .1994</b></p> <p><b>-2 Haifa .Dr ,Shaker Adnan Professional Conduct -Tawfiq</b></p> <p><b>/Technical Education Authority .1992</b></p>	<p>(sources)Main references</p>
<p><b>5- -Haifa -Moussawi -Al Forensic Medicine and Professional Ethics</b></p> <p><b>6- 1986 /Baghdad</b></p>	<p>Recommended supporting books and (...reports ,scientific journals)references</p>





Internet sites ,Electronic references

1. Course Name: Nutrition and food processing
2. Course Code
3. of the second course year/Semester
4. 2023/1/9 The date this description was prepared is
5. Attendance forms available to students
6. units 2 /hours 2 :(total)Number of units / (total)Number of study hours
7. (if more than one name is mentioned)Name of the course administrator : Yamil Sarah Abboud Shanan Al .M.M :NameSarah.shanan.iku@atu.edu.iq
<p style="text-align: right;">Course objectives .8</p> <p>On The student It happens For feed material Study Decisions During From And the With nutrition Private And skills Sufficient The process Knowledge .that can be provided to the patient foods</p> <p>.For food Basic Components Knowledge On The student Enable - Ways Nutritionally associated Diseases Knowledge On The student Ability - Food Meals Preparation</p>

Status According to.	
Of knowledge Students Enable For food Basic Components	Objectives of the study subject .9
Teaching and learning strategies .10	
,vitamins ,carbohydrates ,Definition of nutrition and study of the composition of fa .and trace elements ,mineral salts ,fiber ,and assimilation of these elements ,absorption ,In addition to the basics of digest and the importance of water in the balance of body fluids ,d maintaining human healthElements in human growth and development and a review of some ,including dental health .Diseases arising from deficiency or excess intake of certain nutrients Knowing what a comprehensive nutritional meal is and the nutritional needs humans	<b>The strategy</b>
<b>objectives The program's skill -B</b> For food Basic Components Knowledge -1B	

**Teaching and learning methods**

- 1- Use the display or screen to display pictures and scientific films to attract .the student’s attention to interact with the lecture
- 2- illustrate certain diagrams and Use the blackboard and colored pens to .terms
- 3- brainstorming ,student discussions and seminars ,Formal lectures

**Evaluation methods**

- 1. Conduct surprise and quick tests in an attempt to evaluate and evaluate the .previous lecture
- 2. Daily oral evaluation
- 3. term theoretical exams-Mid
- 4. semester theoretical exams-of-End

**Thinking skills -C**

The ability to make decisions by identifying the types of foods and diseases -1C which contributes to practicing nursing techniques in a ,associated with them .and accurate manner scientific

Enabling students to think logically and benefit from the material in nursing -2C practice in health institutions

Developing the student’s ability to dialogue and discuss -3C

<p><b>Teaching and learning methods</b>  illustrative ,demonstrations using a screen or data show ,models ,Blackboard  .and written reports ,seminars ,pictures</p>					
<p><b>Evaluation methods</b>  , evaluation of submitted offers ,quarterly exams ,oral exams ,Daily exams  Preparing seminars</p>					
<p><b>other skills related to )qualifying transferable skills General and -D  (characterization and personal development</b>  1- Follow scientific development by contacting universities via the Internet  2- Developing the student's ability to deal with information via the Internet  3- ng the student's ability to dialogue and discussDevelopi  4- Distinguish the anatomical details of the human body  Linking theoretical knowledge with practical observations -5</p>					
Course structure .11					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral exams and .discussions Assignment of an assignment	Lectures	good or healthy nutrition, Types and Functions of food in general, nutrients elements, Nutritional standards and recommendations	Understanding the topic and the ability to know the details correctly	2	The first week

Oral exams and .discussions Assignment of an assignment	Lectures	Carbohydrates, Sources of carbohydrates, Carbohydrate classification, functions of carbohydrates, daily need, dietary fiber .	Understanding the topic and the ability to know the details correctly	2	second week
Oral exams and .discussions Assignment of an assignment	Lectures	Fats, Food sources of fats, daily need, The relationship of fats to heart disease and cancer	Understanding the topic and the ability to know the details correctly	2	the third week
Oral exams and .discussions Assignment of an assignment	Lectures	Proteins, Proteins Sources, Classification of proteins , Daily requirement .	Understanding the topic and the ability to know the details correctly	2	fourth week

Oral exams and .discussions Assignment of an assignment	Lectures	Energy, The body's need for energy, Energy balance.	Understanding the topic and the ability to know the details correctly	2	the week Fifth
Oral exams and .discussions Assignment of an assignment	Lectures	Water, Distribution of water in the body, water functions, Ionizable salts, functions, Mineral salts(calcium, iron, iodine)	Understanding the topic and the ability to know the details correctly	2	the week VI
Oral exams and .discussions Assignment of an assignment	Lectures	Fat-soluble vitamins, Vitamin (K - E - D - A), Sources, Conditions causing its deficiency,	Understanding the topic and the ability to know the details correctly	2	the week Seventh

Oral exams and .discussions Assignment of an assignment	Lectures	Water-soluble vitamins, thymine (B1), riboflavin (B2), pyridoxine (B6), cobalamin (B12), and ascorbic acid (C) , Sources, functions, Conditions causing its deficiency	Understanding the topic and the ability to know the details correctly	2	The eighth week
Oral exams and .discussions Assignment of an assignment	Lectures	food groups, Factors affecting an individual's need for nutrients, Nutrition for vegetarians, Nutrition education,	Understanding the topic and the ability to know the details correctly	2	the week Ninth
Oral exams and .discussions Assignment of an assignment	Lectures	Assessment of nutritional status, Assessment of food consumption ,	Understanding the topic and the ability to know the details correctly	2	the week The tenth
Oral exams and .discussions Assignment of an assignment	Lectures	Food problems in the world and especially in Iraq,( Malnutrition, nutritional deficiency, anemia, Energy and protein deficiency.	Understanding the topic and the ability to know the details correctly	2	The eleventh week



Oral exams and .discussions Assignment of an assignment	Lectures	Nutrition during pregnancy, Nutritional needs of the pregnant mother, breastfeeding nutrition, Infant feeding.	Understanding the topic and the ability to know the details correctly	2	the week twelvet h
Oral exams and .discussions Assignment of an assignment	Lectures	adolescence nutrition , olescent nutritional requirement , nutrition for the elderly, nutritional requirement,	Understanding the topic and ability to the know the details correctly	2	the week Thirtee nth
Oral exams and .discussions Assignment of an assignment	Lectures	Nutrition and diseases , nutritional therapy, Cancer and food , The role of food in treating cancer	Understanding t topic and the abil to know the deta clearly correct	2	fourtee nth Fifteent h

8. Course name: Obstetrics Nursing

<b>Course evaluation .12</b>					
such as daily ,according to the tasks assigned to the student 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
<b>resources Learning and teaching .13</b>					
Educational bags			(if any ,methodology)Required textbooks		
Snell RS (2011): Clinical anatomy by regions .9th Ed. Williams & Wilkins. Philadelphia			(sources)Main references		
			Recommended supporting books and (...reports ,scientific journals)references		
			Internet sites ,Electronic references		

Course name: obstetric nursing
9. Code Course
10. of the second course year /Semester
11. 2023/1/9is description was prepared The date this
12.to students attendance forms are available A
13.units 6 /hours 6 : (total)number of units / (total)Number of study hours
14. if more than one name is ) Name of the course administrator (mentioned :Amiel - Zahra Musa Hamza Al .M :Name <a href="mailto:kin.zhr@atu.edu.iq">kin.zhr@atu.edu.iq</a>
<p>is one of the important subjects and is one of nursing Obstetrics of the course Objectives .8</p> <p>This branch is concerned with studying and understanding .the branches of nursing science everything related to pregnancy and childbirth so that all nursing students can gain competence</p> <p>One of the most important goals of women’s health care is .field and experience in this</p> <p>Regarding .knowledge of pathological conditions specific to the female reproductive system and ,physiology ,students will also acquire basic skills in anatomy ,pregnancy and childbirth</p>

.ogy of the female reproductive systempathol	
<ul style="list-style-type: none"> <li>Knowing the diseases specific to</li> </ul> <p>One of the most .pregnant women important goals of women's health care is knowing the disease conditions and for students to also acquire basic and the ,physiology ,skills in anatomy pathological condition of the female</p> <p><b>during pregnancy</b> roductive systemrep</p>	<p><b>Objectives of the study subject .9</b></p>
Teaching and learning strategies .10	
<p>Clarifying the basic concepts in obstetrics .1</p> <p>Knowledge and understanding of the parts and details of the .2 reproductive anatomical and physiological structure of the female .system</p> <p>Recognizing the clinical importance of knowing gynecological labor and delivery ,diseases And the problems and complications associated with it</p>	<p><b>The strategy</b></p>

<p><b>The program's skill objectives -B</b>  according to certain The ability to think about solving the problem -1B  rules</p> <p>labor and delivery ,Skills for dealing with gynecological diseases -2B</p> <p>,Ability to provide special nursing care for gynecological diseases -3B  labor and delivery of all types</p>	
<p><b>Teaching and learning methods</b></p> <p>4- screen to display pictures and scientific films to Use the display or  .attract the student's attention to interact with the lecture</p> <p>5- Use the blackboard and colored pens to illustrate certain diagrams  .and terms</p> <p>6- Using models and illustrations in practical training</p> <p>7- getting ,aining in specialized health institutions Practical tr  practical training on ,acquainted with all branches of the institution  and teaching students how to take a ,the subject's vocabulary  .patient's medical history</p> <p>8- s to benefit from Guiding students on some resources on website  them to develop their capabilities</p>	

<p><b>Evaluation methods</b></p> <p>14- Conducting surprise and quick tests in an attempt to evaluate and .evaluate the previous lecture</p> <p>15- Requesting the preparation of reports on gynecology and sources and seminars on topics related to obstetrics from modern .the curriculum to encourage scientific research</p> <p>Conducting oral and practical tests</p>	
<p><b>Thinking skills -C</b></p> <p>about various obstetrics The ability to make decisions by learning -1C contributes to practicing nursing which ,and gynecology diseases .techniques in a scientific and accurate manner</p> <p>Enabling students to think logically and benefit from the material in -2C nursing practice in health institutions</p> <p>nd take patients' a ,discuss ,Developing the student's ability to dialogue - medical histories</p>	
<p><b>Teaching and learning methods</b></p> <p>,demonstrations using a screen or data show ,models ,Blackboard training in health institutions ,seminars ,illustrations</p>	
<p><b>Evaluation methods</b></p> <p>training ,quarterly examinations ,oral examinations ,Daily examination ,preparing reports on patients' medical history ,in health institutions .preparing seminars</p>	

<p><b>other skills related )General and qualifying transferable skills -1</b>  <b>(to characterization and personal development</b></p> <p>5- scientific development by contacting universities via the Follow Internet</p> <p>6- Developing the student's ability to deal with information via the Internet</p> <p>7- Developing the student's ability to dialogue and discuss</p> <p style="text-align: right;">-8</p> <p>gh a personal Enabling the student to prepare the patient's drum throu interview</p>	
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Course structure .11

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Oral and practical exams	Lectures and practical	Normal pregnancy -signs and symptoms of pregnancy (presumptive, probable and positive signs Stages of pregnancy (ovulation, insemination, fertilization - implantation). Calculation of the expected date of delivery	Understanding the subject and the ability to correctly identify details on models and images	6	The first week
Oral and practical exams	Lectures and practical	Size and development of the fetus. Placenta-umbilical cord, fetal membranes and amniotic fluid. Antenatal care (Nursing care and	Understanding the subject and the ability to correctly identify details on models and	6	second week

		advice during pregnancy about rest, sleep, diet, exercise, and breast care).	images		
Oral and practical exams	Lectures and practical	General complications during pregnancy Hyperemesis gravidarum, hemorrhoid, heart burn, edema, constipation, varicose vein, and anemia, DM.	Understanding the subject and the ability to correctly identify details on models and images	6	the third week
Oral and practical exams	Lectures and practical	Complication of pregnancy – hypertension causes, signs and symptoms, complication and treatment and nursing care. Toxemia of pregnancy – causes-signs and symptoms, complications, treatment and nursing care.	Understanding the subject and the ability to correctly identify details on models and images	6	fourth week



Oral and practical exams	Lectures and practical	Uterine bleeding during pregnancy before 28 weeks of pregnancy. (Abortion and their types, ectopic pregnancy, Hydatidiform) causes, signs and symptoms and nursing care. Bleeding after 28 weeks of pregnancy (placenta previa and abruptia placenta) causes, signs and symptoms, nursing care	Understanding the subject and the ability to correctly identify details on models and images	6	the week Fifth and sixth
Oral and practical exams	Lectures and practical	Normal labor – definition of normal labor, signs of false and true labor. Premonitory signs of labor. Stages of labor. First stage (dilating stage). Second stage (baby delivery). Third stage (delivery of place). Nursing care and advices during the stages of labor.	Understanding the subject and the ability to correctly identify details on models and images	6	the week Seventh
Oral and practical exams	Lectures and practical	Preparation for normal labor. <ul style="list-style-type: none"> <li>- Prepare the pregnant women.</li> <li>- Advising about diet, exercise, peripheral care, walking.</li> <li>- Checking uterine</li> </ul>	Understanding the subject and the ability to correctly on identify details models and images	6	The eighth week

		<p>contraction, fetal heart, vaginal examination.</p> <p>Mechanism of labor (definition, causes, show, the onset of labor, rupture of membrane).</p>			
Oral and practical exams	Lectures and practical	<p>Mechanism of first stage of labor. Mechanism of second stage of labor.</p> <p>Mechanism of delivery or signs of placenta separation.</p>	Understanding the subject and the ability to correctly identify details on models and images	6	the week Ninth
Oral and practical exams	Lectures and practical	<p>Presentation of fetus.</p> <ul style="list-style-type: none"> <li>- cephalic – breech – transverse – face – umbilical cord, causes and nursing care.</li> </ul> <p>Mechanism of presentation.</p> <p>-Induction of labor (definition, causes, nursing care).</p> <p>- Methods of induction of labor.</p> <ul style="list-style-type: none"> <li>- Artificial rupture of membrane.</li> <li>- Forceps delivery.</li> <li>- Episiotomy.</li> <li>- Version.</li> <li>- Vaccum.</li> </ul> <p>Causes, complications, nursing care.</p>	Understanding the subject and the ability to correctly identify details on models and images	6	the week The tenth and eleventh

Oral and practical exams	Lectures and practical	<p>Complication of labor. Complication of first stage (rupture of membrane, cord prolapse).</p> <p>Complication of second stage (uterine rupture, tears (signs and nursing care) uterine version (causes, signs and symptoms and nursing care). Newborn baby (physical characteristics of newborn baby).</p> <p>Nursing care (care of the eyes, umbilical cord, cleaning the airway, weight and recording)</p> <p>Puerperium (definition, the normal duration of puerperium, the physiological changes during puerperium and nursing care. Complication of puerperium. Puerperial infection (definition, causes signs and symptoms and nursing care).</p> <p>Endometritis (signs and symptoms and nursing care).</p>	Understanding the subject and the ability to correctly identify details on models and images	6	the week Twelfth and thirteenth
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Oral and practical exams	Lectures and practical	<p>Lactation (types, advantages and methods of lactation).</p> <p>Nursing care and advising about breast feeding.</p> <p>Complication of breast feeding (engorgement mastitis, and breast abscess) causes signs and symptoms and nursing care.</p> <p>Cesarean section – causes, types. Nursing care – pre and post operative care, complication and contraindication.</p>	Understanding the and the subject ability to correctly identify details on models and images	6	The fourteenth week Fifteenth
Course evaluation .12					
such as daily ,according to the tasks assigned to the student 100of Distribution of the grade out .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
Learning and teaching resources .13					
Educational bags			(if any ,methodology)Required textbooks		
<b>,Iqbal Majeed ,Nazira Hussain.1 Obstetrics and Gynecology -Nursing  Technical Education</b>			Main reference  (sources) s		

<p style="text-align: center;"><b>.2002 /Baghdad /Authority</b></p> <p><b>Obstetrics - Ali Abdel Amir .2</b>  <b>Ministry of - and Gynecology</b>  <b>- Health</b></p> <p style="text-align: center;"><b>/Central Workers Press</b>  <b>.1985</b></p>	
<p><b>7- Book Miller and Bowen. Text</b>  <b>book of Obstetric and Obstetric</b>  <b>Nursing. Fifth Edition – 1974</b></p> <p><b>8- John Howkins and Corden</b>  <b>Bourne</b>  <b>Text book of Gynecology Lippincott,</b>  <b>Co. 1975.</b></p> <p><b>3- Reeder Mastroianni – Maternity</b>  <b>Nursing 5th<sup>Edition</sup> JB Lippincott</b></p>	<p>books and references Recommended supporting          (...reports ,scientific journals)</p>

Health assessment :Course name	
Code Course	
year of the second course /Semester	
description was prepared Date this	
Available attendance forms .A	
hours between theoretical and laboratory 10 (total)Number of study hours units 6 (total)Number of units / lectures	
<a href="https://www.ncbi.nlm.nih.gov/pubmed/">https://www.ncbi.nlm.nih.gov/pubmed/</a>	Internet sites ,Electronic references

(if more than one name is mentioned) Name of the course administrator					
:Ami - Kawthar Karim Abdul Ali Al .M :Name <a href="mailto:byatykrym4@gmail.com">byatykrym4@gmail.com</a>					
<b>15. objectives Course</b>					
<p>body systems Knowing the basic steps for health assessment in all- Identifying all the problems that interfere with the health evaluation is most important Differences in health assessment of a healthy and sick person Identifying basic interventions based on the identified problems – hensive health assessmentIn the steps of a compre</p>				<p><b>Objectives of the stu subject</b></p>	
<b>16. Teaching and learning strategies</b>					
<p>of health evaluation steps basic concepts Clarifying the- Knowledge of all body systems and the evaluation method for each system health condition a comprehensive overview of the patient's Givin and problems in a comprehensive manner The student will be able to initially evaluate the patient- s general 'Entering the health care unit and identifying the pati problems</p>				<p><b>The strategy</b></p>	
<b>17. Course structure</b>					
<b>Evaluation method</b>	<b>mushy The value of learning</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>hours</b>	<b>the week</b>

Oral and practical exams	Lectures and practical	introduction and overview of health assessment	Understanding the subject and the ability to correctly identify details on models and images	6	week first
Oral and practical exams	Lectures and practical	integumentary system (skin, hair, nail)	Understanding the subject and the ability to correctly identify details on models and images	6	second week
Oral and practical exams	Lectures and practical	head and neck assessment	Understanding the subject and the ability to correctly identify details on models and images	6	third week
Oral and practical exams	Lectures and practical	head and neck assessment	Understanding the subject and the ability to correctly identify details on models and images	6	fourth week



Oral and practical exams	Lectures and practical	respiratory system assessment	Understanding the subject and the ability to correctly identify details on models and images  Understanding the subject	6	fifth week
Oral and practical exams	Lectures and practical	cardiovascular system assessment  peripheral system assessment	ability and the to correctly identify details on models and images  Understanding the subject and the ability to correctly identify details on models and images	6	sixth week
Oral and practical exams	Lectures and practical	abdominal system assessment	Understanding the subject and the ability to correctly identify details on models	6	Seventh week

Oral and practical exams	Lectures		and images		
Oral and practical exams	and practical	neurological system assessment	Understanding the subject and the ability to correctly identify details on models and images	6	eighth week
Oral and practical exams	Lectures and practical	musculoskeletal system assessment		6	Week nine
Oral and practical exams	Lectures And my				

	work				
18. Course evaluation					
such as daily ,to the student according to the tasks assigned 100Distribution of the grade out of .etc ,reports ,written exams ,monthly ,oral ,daily ,preparation					
19. Learning and teaching resources					
			(if any ,methodology)Required textbooks		
			(sources)Main references		
			Recommended supporting books and (...reports ,journals scientific)references		
			Internet sites ,Electronic references		