

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

Academic program description form for colleges and institutes

University: Al-Furat Al-Awsat Technical University

College/Institute: Samawa Technical Institute

Scientific Department: Nursing Techniques

Date of filling the file: 3/31/2024

Signature:



Department Head

Assit Prof. Zeayd Fadhil Saeed

Date: 3/31/2024

Signature:



Scientific assistant

lecturer. Alaa Abd Ali Hadi

Date: 3/31/2024



Signature:

Authentication of the Dean

Prof . Dr. Sabah Mohammed Milkat

Date: 3/31/2024



1. Program Vision

The nursing Department is one of the main scientific medical departments. Improving the level of health services to cover the needs of the medical labor market in our beloved country and advancing the path of scientific research to keep pace with modern scientific progress

2. Program Mission

The nursing Department Providing science and special diagnostic medical knowledge through education and training of distinguished technical medical personnel who employ the nursing techniques they have acquired to serve the people of society health-wise.

3. Program Objectives

The department aims to graduate technical nursing staff capable of providing nursing care to the individual, the family, and the community under the supervision of the doctor in the halls..

4. Program Accreditation

The program has not received accreditation

5. Other external influences

The department's graduates serve the community in health institutions and



hospitals and through practical application in health centers and hospitals during summer training.

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	4	%6.6	semester
College Requirements	3	8	%01	semester
Department Requirements	25	44	%83.3	semester
Summer Training	Yes	Satisfied		semester
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
1 st stage	FUNDNURS	Fundamental of nursing	Theoretical 2	Practical 4
1 st stage	MIDSRNURS	Medical nursing	2	4
1 st stage	HEALTH ASS	Health assessment	2	4
1 st stage	SURGICAL NU	Surgical nursing	2	4
1 st stage	BIOCHEM	Biochemistry	2	2
1 st stage	CLIN CHEM	Clinical chemistry	2	2
1 st stage	BIOL	Medical biology	2	2
1 st stage	ANT	Anatomy	2	2
1 st stage	MEDICAL V&P	Medical virology	2	2
1 st stage	COMP 1	Computer application 1	1	2
1 st stage	COMP 1	Computer	1	2



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		application 2		
1st stage	ENGLISH	English	1	
2nd stage	MATNURS	Maternity nursing	2	4
2nd stage	OBSTER	Obstetric nursing	2	4
2nd stage	PHARM	Pharmacology	2	
2nd stage	CHILD GR	Child growth	2	4
2nd stage	PEDNURS	Pediatric disease	2	4
2nd stage	Psy n	Principle of psychiatric nursing	2	4
2nd stage	Pmhn	Psychiatric and mental health nursing	2	4
2nd stage	Phc	Primary health care	2	4
2nd stage	Chs	Community health service	2	4
2nd stage	Ethics	Professional ethics	2	
2nd stage	Nutr	Nutrition and diet therapy	2	

8. Expected learning outcomes of the program

Knowledge

1- Cognitive objectives

1-The student can be able to know the general information about medical diseases and how can provide nursing care for patient.. 1. Learn about the mechanism of diseases, causes and risk factors, clinical signs, and how to reduce complications, and nurses 2. Responsibilities for patients and providing nursing care 3. Providing health advice and education to patients

Skills



<p>Marathi objectives</p>	<p>1-Defines nursing, nurse, chronic and acute diseases. 2. Understands the roles and functions of the nurse in patient care and the importance of health promotion. 3.Measures vital signs, temperature, respiration, blood pressure, and how to document the nursing. 3. Apply the physical examination of patients and the basic rules of personal protective equipment and prevent infection. 5. Performs nursing procedures: evaluation, diagnosis, nursing, application, and evaluation of nursing procedures.</p>
<p>Ethics</p>	

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<p>Emotional goals</p>	<p>1 Autonomy: The right to self-determination. Autonomy in nursing means providing adequate information to allow patients to make their own decisions based on their beliefs and values, even if they aren't the ones the nurse chooses. Autonomy also relates to only providing nursing care within the scope of practice defined by state and organizational rules. Examples of autonomy in nursing include administering PRN medications or assigning nursing duties based on levels of competence. 2 Beneficence: The promotion of good. Beneficence in nursing relates to ensuring that the patient's best interest is considered, regardless of the nurse's personal opinion. Examples of beneficence in nursing include providing comfort to a dying patient or assisting with tasks a patient cannot perform independently. 3 Justice: Fairness or an equal distribution of benefits. Justice in nursing relates to impartiality regarding a patient's age, ethnicity, economic status, religion, or sexual orientation. Examples of justice in nursing include impartiality when assigning clinical or prioritizing patient care. 4 Nonmaleficence: The avoidance or minimization of harm. Nonmaleficence in nursing requires the provision of safe, effective, high quality care. Examples of nonmaleficence in nursing include holding a medication due to adverse reactions or taking steps to ensure a safe work environment.</p>
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<p>9. Teaching and Learning Strategies</p>	
<p>1. Theoretical lecture method. 2. Practical lecture method. 3. Method of discussion and dialogue</p>	

<p>10. Evaluation methods</p>	
<p>1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research</p>	



Faculty Members						
Academic Rank	Specialization		Special Requirements/S kills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Professor	Veterinary medicine and surgery	pharmacology			√	
Lecturer	Veterinary medicine and surgery	Medical pharmacology			√	
Lecturer(2)	Biology	Microbiology			√	
Lecturer(3)	Community nursing	Community nursing			√	
assistant Lecturer(4)	Veterinary medicine and surgery	anatomy			√	
assistant Lecturer(5)	General chemistry	Biochemistry			√	
assistant Lecturer(6)	Biology	Microbiology			√	
assistant Lecturer(7)	Information technology	Computer science			√	
assistant Lecturer(8)	Collage of nursing	Science in nursing/adult			√	
assistant Lecturer(9)	English	Literature of English			√	
assistant Lecturer(10)	Biology	Microbiology			√	
assistant Lecturer(11)	Agriculture	Animal production			√	

Professional Development
Mentoring new faculty members



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		Professional ethics	Optional	√	√	√		√	√	√	√	√
		Primary health care	Basic	√	√	√		√	√	√	√	√
		Principle of psychiatric	Basic	√	√	√		√	√	√	√	√
		Community health service	Basic	√	√	√		√	√	√	√	√
		Psychiatric and mental health nursing	Basic	√	√	√		√	√	√	√	√

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

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Course Description Form

1. Course Name:	
	Medical Nursing
2. Course Code:	
3. Semester / Year:	
	Semester

4. Description Preparation Date:					
20/ 2 / 2024					
5. Available Attendance Forms:					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Total credit hours: 6 Total units number: 6					
7. Course administrator's name (mention all, if more than one name)					
8. Course Objectives					
<p>Objectives 1-The student can be able to know the general information about medical diseases and how can provide nursing care for patient..</p> <p>1. Learn about the mechanism of diseases, causes and risk factors, clinical signs, and how to reduce complications, and nurses 2. Responsibilities for patients and providing nursing care 3. Providing health advice and education to patients</p>					
9. Teaching and Learning Strategies					
Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational content 				
10. Course Structure					
Week		Hours Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1 st	2	Concept of health and illness	medical terminology.	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Cardiovascular system, physical assessment, and diagnostic tests, Cardiovascular diseases /definition atherosclerosis/ arteriosclerosis/ angina /type of angina clinical manifestations, nursing interventions	Cardiovascular system	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	. Myocardial Infarction/causes/signs and symptoms / diagnostic test/treatment nursing intervention.	Myocardial Infarction	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Heart failure, Causes, Signs of left sided heart failure and type of dyspnea, Signs right-sided heart failure, Diagnostic tests Nursing Care, and management.	Heart failure	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	. Respiratory disorders /chronic obstructive pulmonary disease/chronic bronchitis. Causes/signs and symptoms / diagnostic test/treatment nursing intervention	Respiratory disorders	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Neurologic Disorders / Stroke (C.V.A). Sign and symptoms /treatment nursing care and education	. Neurologic Disorders	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	The endocrine system, physical ,assessment and diagnostic tests, Diabetes Mellitus /definition types / sign and symptoms /treatment nursing education.	The endocrine system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



8th	2	Viral Hepatitis, Types, causes sign and symptoms /treatment/nursing care and	Viral Hepatitis,	Theoretic lectures	1-Daily quizzes 2-Quarterly
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		education.		strategy.	testing.
					3-Annual examination.
9th	2	Pancreatitis causes sign and symptoms /treatment/nursing care and education.	Pancreatitis	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10th	2	. Blood diseases /Anaemia Types, causes sign and symptoms /treatment/nursing care and education	Blood diseases	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11th	2	Blood diseases /Leukaemia Types, causes sign and symptoms /treatment/nursing care and education	Blood diseases	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12th	2	Renal and urologic system, physical assessment and diagnostic tests, Renal Calculi /causes /sign and symptoms /types of urinary stone / diagnosis tests /treatment /nursing care.	Renal and urologic system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13th	2	Chronic renal failure /causes /diagnosis / treatment /nursing care.	Chronic renal failure	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

14 th	2	Immunologic disorders / Acquired immune deficiency syndrome (AIDS). Sign and symptoms /treatment/nursing care.	Immunologic disorders	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Cancer Basics introduction / major risk factors /cancer screening / warning signs / tumor types /tumorstaging and gradin	Cancer Basics introductio n	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	4	Orientation to hospital divisions and patient units	patient units	Practical Topics .	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



2 nd	4	nursing care process, nursing care plan	nursing procedures	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	4	. Common diagnostic tests and nursing procedures in hospital	nursing procedures	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	4	Training in CCU - nursing care for heart disease and blood vessels - intensive care for heart disease.	Ccu	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

5 th	4	Nursing care for patients with myocardial infarction - nursing care for patients with heart failure	Nursing care	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	4	. Training in ICU /evaluate neurological condition for patient.	Icu	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	4	. Nursing intervention for unconscious patients assessment of glasgow comeScore	glasgow come score	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	4	Nursing care for patients in r.c.u - review how to evaluate the respiratory conditions of the patient.	r.c.u	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	4	Nursing care of endocrine disease /patient nursing care sugar and how insulin administration	Nursing care	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	4	Training in the specialties of surgical urology - nursing care of urinary tract disease - renal colic, nursing	urinary tract	Practical Topics	1-Daily quizzes 2-Quarterly testing.



		care for urinary stones.			3-Annual examination.
11 th	4	Nursing care for patients with hepatitis.	hepatitis.	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	4	Nursing care blood disease anemi	Anemia	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual

					examination.
13 th	4	Nursing, leukemia, acute and chronic blood - and nursing care.	leukemia	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	4	Nursing care for bloody enforcement during operation and operation of the device. Disengagement bloody enforcement complications that occur during the bloody enforcement process -recommendations after the bloodyenforcement process.	bloody enforcement	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	4	Nursing care of liver and gallbladder disease - nursing care for acute and chronic inflammation of the gallbladder	gallbladder	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



11.Course Evaluation	
1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Brunner & Suddarth's textbook of medical surgical nursing
Main references (sources)	Principle community health nursing
Recommended books and references (scientific journals, reports...)	Doctor hypo , slide share

Course Description Form

11.Course Name:	Surgical Nursing
12.Course Code:	
13.Semester / Year:	Semester
14.Description Preparation Date:	20/ 2 / 2024
15.Available Attendance Forms:	
16.Number of Credit Hours (Total) / Number of Units (Total)	Total credit hours: 6 Total units number: 6
17.Course administrator's name (mention all, if more than one name)	



18. Course Objectives

Course Objectives

- 1- learn about the surgical nursing responsibility, complications and how to reduce and control of complication.
- 2- Responsibilities for patients before and after surgery
- 3- Providing health advice and education to patients

19. Teaching and Learning Strategies

Strategy

- ❖ Theoretic lectures strategy.
- ❖ Practical Application Strategy
- ❖ Conversation and discussion strategy.
- ❖ Regular testing strategy.
- ❖ Write a report on the topics
- ❖ Use visuals and videos that are relevant to the educational content

20. Course Structure

Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
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1 st	2	common of surgery abbreviation ,Hospital orientation,surgical terminology	surgical terminology	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Perioperative nursing intervention for patient	nursing intervention	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Surgical management of cardiovascular diseases/coronary an angioplasty/indication complication.	cardiovascular diseases/	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

4 th	2	Diagnostic procedures: cystoscopy, biopsy, renal angiography, define/ purpose/ intervention and responsibility before and after procedure.	Diagnostic procedures:	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Gastrointestinal system/ physical assessment and diagnostic tests /appendicitis/causes path physiology sign and symptom/ treatment/ prepare for appendectomy .	Gastrointestinal system/	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Intestinal obstruction sign and symptom/ treatment/ nursing care	Intestinal obstruction	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Kidney dialysis : hemodialysis / indication /complication / nursing care and education.	Kidney dialysis	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



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8th	2	Peritoneal dialysis/ indication /complication nursing care and education.	Peritoneal dialysis/	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9th	2	Kidney transplantation: definition preoperative nursing intervention complication post-operative nursing care	Kidney transplantati on:	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10th	2	Hernia/types/ sign and symptom/ treatment/ nursing care and education.	Hernia	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual

					examination.
11 th	2	Fractures / types/ causes/ treatment and nursing intervention.	Fractures	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Amputation/ types/ causes/ treatment and nursing intervention. Amputation		Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Diabetic foot / causes /sign and symptom/ treatment/ nursing care and education.	Diabetic foot	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Para thyroidectomy: definition/ type/ preoperative nursing intervention/ complication post-operative nursing care	Para thyroidectomy	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Definition of chemotherapy /side effects /method administration of chemotherapy / /patient education / nursing roles for patient injection.	chemotherapy	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	4	Training in cases of operations - training on hand-washing and wearing bra and gloves - training to deal with surgical	operations	Practical Topics	1-Daily quizzes 2-Quarterly testing.



		instruments.			3-Annual examination.
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2 nd	4	Training to create a patient for surgery - Training to withdraw secretions - give intravenous fluids - give blood.	Training	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	4	Coronary an angioplasty / nursing Management.	Coronary an angioplasty	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	4	Training in lobbies to identify: diagnostic procedures: (cystoscopy, biopsy, and renal angiography).	Lobbies	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	4	Nursing intervention and how to prepare for appendectomy.	appendectomy.	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	4	I.v Fluid administration.	I.v Fluid	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	4	Training in the kidney dialysis lobbies for patient who receives peritoneal dialysis.	peritoneal dialysis.	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	4	Training in the hemodialysis lobbies.	hemodialysis	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	4	Training in the lobbies of kidney transplantation - nursing care before the kidney transplant - for the donor to the College before kidney transplantation - for the patient after the kidney transplant - for the donor after kidney transplant - monitoring the patient's condition at the time	kidney transplant	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



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		any complications after transplant college.			
10 th	4	Nursing intervention and education for hernia.	hernia.	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	4	Training in the lobbies of fractures - nursing care of joint and bones disease	fractures	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	4	Training in lobbies of fractures to heal amputation and nursing education.	amputation	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	4	Nursing intervention for diabetic foot patient.	diabetic foot	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	4	Para thyroidectomy/ preoperative nursing intervention/ complication post-operative nursing care	Para thyroidectomy/	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

15 th	4	Nursing care before and after chemotherapy administration for patient.	chemotherapy	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
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11.Course Evaluation	
1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Brunner & Suddarth's textbook of medical surgical nursing
Main references (sources)	Principle community health nursing
Recommended books and references	Doctor hypo , slide share



(scientific journals, reports...)	
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Course Description Form

21.Course Name:	
Fundamentals of Nursing	
22.Course Code:	
23.Semester / Year:	
Semester	
24.Description Preparation Date:	
00/ 2 / 2024	
25.Available Attendance Forms:	
26.Number of Credit Hours (Total) / Number of Units (Total)	
Total credit hours: 6 Total units number: 6	
27.Course administrator's name (mention all, if more than one name)	
28.Course Objectives	
	Objectives 1-Defines nursing, nurse, chronic and acute diseases. 2. Understands the roles and functions of the nurse in patient care and the importance of health promotion. 3.Measures vital signs, temperature, respiration, blood pressure, and how document the nursing. 3. Apply the physical examination of patients at the basic rules of personal protective equipment and prevent infection. 5. Performs nursing procedures: evaluation, diagnosis, nursing, application, and evaluation of nursing procedures.
29. Teaching and Learning Strategies	



Strategy	<ul style="list-style-type: none">❖ Theoretic lectures strategy.❖ Practical Application Strategy❖ Conversation and discussion strategy.❖ Regular testing strategy.❖ Write a report on the topics❖ Use visuals and videos that are relevant to the educational content
30. Course Structure	

Week	Hours Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
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1 st	2	Definition (fundamental of nursing, nurse, health, disease, patient, client, hospital) fields of nursing, role & responsibilities of nurse	Introduction to fundamentals of nursing	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Admission & discharge of patient from hospital, Chart report, health record, nurse note (observations) of report. Nursing process (assessment, nursing diagnosis, planning, implementation, evaluation)	Nursing process	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Vital signs, definition of temperature, type of check temperature, definition of fever, causes, signs & symptom, nursing care of it, define the pulse, quality of pulse factors affecting of pulse site of taking pulse, define of respiration, definition of blood pressure. Definition of diastolic & systolic pressure, the factors that affected.	Vital signs	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Administration OF medication, define of drug, Route of administration, Factors affecting the drug activity, type of administration of medication and injection {I.M.I.V.,S.C.I.D,}Advantage & disadvantage.	Administration OF medication	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Intravenous infusion, Types of fluid, Indication & contraindication & role of Nurse in giving intravenous infusion.	Intravenous infusion	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Dressings and Bandages, Advantage of dressing, Types of dressings, Bandages are used to	Dressings and Bandages	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



7 th	2	Wounds & Bleeding, definition of wound, care and healing process, types of wound, phases of wound healing, type of wound exudate, function of exudate, factors affecting wound healing.	Wounds & Bleeding	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Suture: Suture Classification suturing techniques, Equipment Principles of suturing, Suture removal,	Suture	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Body mechanics, Body position, principle of body Mechanics, importance of exercises, Common Dangers of Immobility.	Body mechanics	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Asepsis, Infection, stage of infection, Types of infection, Disinfection and sterilization surgical sterilization, Medical sterilization, kind of disinfectant and sterilization of surgical equipment, principle of Dressing	Asepsis	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Body Hygiene, Purpose, Bathing Pressure Ulcer (Bed sores), Cause of bed sores, Areas of pressure sores, care and Prevention	Body Hygiene	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Blood transfusion role of Nurse in giving blood transfusion, indication & contraindication, the goal of blood transfusion.	Blood transfusion	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Administration of O ₂ , Types of giving O ₂ , the goals, nursing intervention, equipment, Artificial respiration	O ₂	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Enteral feeding: types of feeding tube, feeding tube indications & contraindication, the goals of it, <u>nursing intervention</u> ,	NG tube	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual



		<u>techniques.</u>			examination.
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		Equipment's			
15 th	2	Definition of urinary catheterization, tracheotomy, pre-post-operative care. Complications of operative, nursing care of cardiac arrest and complication	Folly cathter	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	4	Fundamental of Nursing classification & Division of hospitals, function of hospitals, Qualification of Nurse. PPE (Donning & Doffing)	PPE	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	4	Admission & discharge& Transferring &Referral of patient from hospital, Nursing admission activities, patient chart, health record, Nurse Note (Observations) of report	Admission & discharge	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	4	Nursing process. Assessment, Nursing diagnosis, planning, Implementation, Evaluation.	Nursing process	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	4	Vital signs, Definition of Temperature, check Temperature, Type of check Temperature, definition of fever, causes, signs, & symptoms, Nursing care of it, Respiration, Definition , check respiration ,types of respiration	Vital signs	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

5 th	4	Blood pressure, Definition of systolic& diastolic pressure, check B.P , the factors that affected , define the pulse , factors affecting of pulse, site of taking pulse, Nursing point in check pulse.	Blood pressure	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	4	Methods of drug administration, define of drug, Factors affecting on the drug activity type of administration of medication and injection {I.M.I.V.,S.C.I.D,} cold & hot. Compress.	Methods of drug administration	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	4	Training about I.V Cannula, drug giving I.V direct & I.V Infusion, indication & complication of cannula.	I.V Cannula	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	4	Giving fluids & Blood by intrave		Practical	1-Daily quizzes



		infusion (Training) , role of Nurse in giving intravenous infusion, role of Nurse in giving blood transfusion the goal of blood transfusion, important points in blood infusion and the differential leukocyte count		Topics	2-Quarterly testing. 3-Annual examination.
9 th	4	Dressings, Binders and Bandages Purpose & Advantage of dressing Types of dressings. Wounds & Bleeding, Types of wounds, suturing procedure & suturing kinds, goals of suturing & nursing care.	Dressings, Binders and Bandages	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	4	Position of patient, patient lifting and its risks. Pressure Ulcer (Bed sores), etiology & risk factors of bed sores, Areas of pressure sores ,nursing care and Prevention	Pressure Ulcer	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	4	Administration of O ₂ , Type of giving O ₂ , the goals, nursing intervention, feeding tube, the goals of it, nursing intervention. Nebulizer indication, procedure & nursing care.	Administration of O ₂	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

12 th	4	Cardiac (Coronary) Care Unit (C.C.U, equipment of C.C.U, Responsibility of the nurse in unit Electro cardio gram (E.C.G) Principle & procedure D.C. shock purpose & procedure.	C.C.U	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	4	Nasogastric tube, gastric lavage & gastric gavage, definition, procedure, purpose, types, complication & nursing care.	Nasogastric tube	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	4	Catheterization, Urinary catheterization definition, Purposes, technique, Nursing Performance and Care. Enema, definition, goals, nursing procedure & nursing observation	Urinary catheterization	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	4	First aid procedure for wounds, bleeding, shock, fracture, burns, poison, asphyxia, cardiac arrest & respiration failure.	First aid	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



11.Course Evaluation	
1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Fundamentals of Nursing THE ART AND SCIENCE OF NURSING CARE
Main references (sources)	Principle community health nursing
Recommended books and references (scientific journals, reports...)	Brunner & Suddarth's textbook medical-surgical nursing



of

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Course Description Form

31.Course Name:	
	Health assessment
32.Course Code:	
33.Semester / Year:	
	Semester
34.Description Preparation Date:	
	00/ 2 / 2024



35. Available Attendance Forms:

36. Number of Credit Hours (Total) / Number of Units (Total)

Total credit hours: 6 Total units number: 6

37. Course administrator's name (mention all, if more than one name)

38. Course Objectives

Course Objectives

- 1- Describe the components of the health history
- 2- Apply interviewing skills and techniques to conduct a successful interview.
- 3- Evaluate the persons' general health status .
- 4- Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records and results of diagnostic test).
- 5- Explain the sequence of systematic approach of physical examination of body system.
- 6- Demonstrate the basic techniques of physical examination.
- 6- Describe the physical examination techniques of inspection, palpation, percussion, and auscultation
- 7- Identify common instruments used during physical examination

39. Teaching and Learning Strategies

Strategy

- ❖ Theoretic lectures strategy.
- ❖ Practical Application Strategy
- ❖ Conversation and discussion strategy.
- ❖ Regular testing strategy.
- ❖ Write a report on the topics
- ❖ Use visuals and videos that are relevant to the educational content



40. Course Structure					
Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	Introduction and Overview Health Assessment: - General appearance Personal hygiene Grooming , Dressing , Posture and gesture , Speech pattern , Orientation	Introduction and Overview to Health Assessment	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Introduction and Overview Health Assessment: - General appearance Personal hygiene Grooming , Dressing , Posture and gesture , Speech pattern , Orientation	Introduction and Overview to Health Assessment	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Integumentary System (skin, hair, nails)	Integumentary System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

4 th	2	Integumentary System (skin, hair, nails)	Integumentary System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Head and neck	Head and neck	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Respiratory assessment	Respiratory assessment	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



7 th	2	Cardiovascular System	Cardiovascular System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Peripheral Assessment	Peripheral Assessment	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Abdominal Assessment	Abdominal Assessment	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Neurological System	Neurological System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

11 th	2	Neurological System	Neurological System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Musculoskeletal System	Musculoskeletal System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Musculoskeletal System	Musculoskeletal System	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Reproductive System	Reproductive System		1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



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15 th	2	laboratory Test	laboratory Test		1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	4	Introduction to Health Assessment : (subjective and objective) Collecting data. Assessment, interview and health history. Functional health patterns.(Katz Index of Independence) Gordon's	Introduction to Health Assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	4	Role of the Nurse , Self Preparation- Patient preparationEqui	Role of the Nurse	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

3 rd	4	Physical Examination Techniques: -Inspection. -Palpation. -Percussion.-Auscultation.	Physical Examination Techniques	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	4	Integumentary System Assessment -Skin assessment - Hair & nail assessment	Integumentary System Assessment - Skin assessment - Hair & nail assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	4	Head & Neck Assessment -Eyes -Ears -Nose & sinuses -Mouth - Thyroid glands	Head & Neck Assessment - Eyes -Ears - Nose & sinuses -Mouth - Thyroid glands	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	4	Head & Neck Assessment - Eyes -Ears -Nose & sinuses - Mouth -Thyroid glands	Head & Neck Assessment - Eyes -Ears - Nose & sinuses -Mouth - Thyroid glands	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	4	-Lymph nodes, -blood vessels - muscles - cervical vertebra of the head & neck	-Lymph nodes, -blood vessels - muscles - cervical vertebra of the head & neck	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	4	Thoracic & lung assessment	Thoracic & lung	Practical	1-Daily quizzes



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			assessment	Topics	2-Quarterly testing. 3-Annual examination.
9 th	4	Cardiovascular assessment	Cardiovascular assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	4	Peripheral vascular assessment	Peripheral vascular assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	4	Abdominal assessment	Abdominal assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	4	Musculoskeletal assessment	Musculoskeletal assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	4	Neurologic assessment	Neurologic assessment	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	4	Reproductive system assessment -Female -Male	Reproductive system assessment -Female -Male	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	4	Laboratory test	Laboratory test	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



11.Course Evaluation

1. Daily testing.
2. Semester test.

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3. Annual testing.
4. Discussing quarterly and annual research

12.Learning and Teaching Resources



Required textbooks (curricular books, if any)	Health Assessment for Nursing Practice 5th Edition
Main references (sources)	Principle community health nursing
Recommended books and references (scientific journals, reports...)	Brunner & Suddarth's textbook medical-surgical nursing

of

Course Description Form

41.Course Name:	Anatomy
42.Course Code:	
43.Semester / Year:	Semester
44.Description Preparation Date:	00/ 2 / 2024
45.Available Attendance Forms:	
46.Number of Credit Hours (Total) / Number of Units (Total)	Total credit hours: 4 Total units number: 4
47.Course administrator's name (mention all, if more than one name)	
48.Course Objectives	

Course Objectives	<ul style="list-style-type: none"> ❖ Develop a microscopic-level comprehension of human ❖ tissue, including ❖ the structure, function, and organization of cells and tissues. ❖ Evaluate and assess the developmental process of human embryonic and fetal periods, analyze congenital abnormalities, and integrate embryology to adult human gross anatomy.
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49. Teaching and Learning Strategies					
Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational content 				
50. Course Structure					
		Hours Required	Unit or subject name	Learning method	Evaluation method
1st	2	<p>-Anatomical Directions: Giving the altgram to the all directions of thehuman body.</p> <p>-Surface anatomy heart: Describe the position of the heart accordingto the chest wal and thenumber of the rib.</p>	-Anatomical Directions	Theoretic lectures strategy.	<p>1-Daily quizzes 2-Quarterly testing.</p>
2nd	2	<p>Surface Anatomy of lungs: Describe the position of the lungs according to the chest wall and the number of the rib. -Anatomy of the abdomen surface: draw the regions of theabdominal surface accordin to thehorizontally & vertically lines.</p>	Surface Anatomy of lungs	Theoretic lectures strategy	<p>1-Daily quizzes 2-Quarterly testing. 3-Annual examination.</p>

3 rd	2	<p>-Anatomy of stomach: demonstrate the relation of the stomach to the other organs to the abdomen.</p> <p>-Anatomy of Intestine: demonstrate the relation of the Intestine to the other organs to the abdomen.</p> <p>-Anatomy of the Appendix: define the region of the appendix at the right iliac region.</p> <p>Anatomy of the liver & spleen: show them the regions of liver & spleen according to the surface anatomy of abdomen.</p> <p>-Anatomy of the gall bladder: determine the region of gall bladder at the right sub – costal region .define the region of the</p>	Anatomy of stomach	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p>
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		uterus at the supra – pubic region			
4 th	2	<p>Anatomy of the skeleton: We describe the central skeleton system:Skull – vertebral column & the peripheral. Bones of the skull and vertebral column: name the numbers of the bones on all at surfaces of the skull. Show the student the types of the vertebrae column and their numbers..</p>	Administration OF medication	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
5 th	2	<p>Anatomy of the upper limb: show the bones of the shoulder on the skeleton which is the scapula and the clavicle.</p>	Anatomy of the upper limb	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
6 th	2	<p>Anatomy of forearm Show the bones of the forearm: (ulna and radius). Demonstrate the bones of the hand :(Carpal bones and metacarpal and phalanges).</p>	Anatomy of Forearm	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>

7 th	2	<p>Anatomy of the Lower limb: Bones of the pelvis : define the bones of the pelvis which are :(Ilium and Ischium, Pubis and sacrum).</p> <p>Bones of the thigh: demonstrate of the skeleton the femur bone withthe lower and upper ends</p>	Anatomy of the Lower limb	Theoretic lectures strategy	<p>1-Daily quizzes 2-Quarterly testing. 3-Annual examination.</p>
8 th	2	<p>Bones of the leg : show the bones which are : (Tibia & fibula)And extraction to the femur and the foot.</p> <p>Bones of the foot: describe the boneswhich are: (Tarsal & metatarsal& phalanges).</p>	Bones of the leg	Theoretic lectures strategy	<p>1-Daily quizzes 2-Quarterly testing. 3-Annual examination.</p>
9 th	2	<p>Anatomy of Musculoskeletal System</p> <p>Muscle of the shoulder : show them on the model all the muscles ofthe shoulder</p> <p>Anatomy of the chest wall : give the types and numbers of the ribsand declaration of the sternum</p>	Anatomy of Musculoskeletal System	Theoretic lectures strategy	<p>1-Daily quizzes 2-Quarterly testing. 3-Annual examination.</p>
10 th	2	<p>Muscles of the chest & abdomen : give the name of the muscles ofthe chest wall and abdominal wall.</p>	Muscles of the chest & abdomen	Theoretic lectures strategy	<p>1-Daily quizzes 2-Quarterly testing.</p>



		Muscles of the back & gluteal region : show the student muscles of the back and gluteal muscles			3-Annual examination.
11 th	2	Anatomy of the cardio-vascular system : describe the anatomy and the structure of heart and the main arteries and veins around the body.	Anatomy of the cardio-vascular system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Anatomy of the digestive system : show them the model of the organs of the digestive system.	Anatomy of the digestive system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

13 th	2	Respiratory system: demonstrate the lungs and bronchus and bronchi.	Respiratory system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	The urogenital system: show them the kidney and urinary bladder with exaltation to the uterus & prostate.	The urogenital system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	The central nervous system: describe the brain , cerebellum, medulla oblongata and the spinal cord.	CNS	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	2	Anatomical Directions: learn the directions of the body as: superior inferior-medial-lateral. Surface Anatomy Heart : learn the site of the heart in relation to the ribs of the chest and sternum . Surface Anatomy lungs: learn the relation of the lungs to the ribs and clavicle bone .	Anatomical direction of	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Surface Anatomy of the Abdomen surface :- show the surface of the Abdomen to nine regions according to horizontal and vertical lines. Surface Anatomy of stomach: - mention the relation of stomach to the surface region of Abdomen. Surface Anatomy of intestine: - give the relation of small and large intestine to the region of Abdomen.	Surface Anatomy of the Abdomen surface	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Surface Anatomy of the Liver & spleen:- give the site of liver	Surface Anatomy	Practical	1-Daily quizzes



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		<p>andspleen according to the region of The Abdomen.</p> <p>Surface Anatomy of the Appendix : - The site of the appendix in relation to the Surface Anatomy of Abdomen.</p> <p>Surface Anatomy of the gallbladder:- The site of the gallbladder inrelation to the liver and Abdomen.</p> <p>Surface Anatomy of the uterus :-The site of the uterus according totheabdominal region.</p>	of the Liver &spleen	Topics	2-Quarterly testing. 3-Annual examination.
4 th	2	<p>Bones of the Skull :- show the bones of the interior surface and outer surface of theSkull.</p> <p>Bones of the vertebral column: Name the types of the vertebra: cervical thoracic and sacral. lumber vertebra.</p>	Bones of the skull	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	<p>Anatomy of the skeleton:- Describe the types of the bones and the central and peripheral skeleton.</p> <p>Bones of the shoulder:- show thebones of the scapula and Clavicle</p>	Anatomy of the skeleton	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

6 th	2	<p>Bones of the arm : - Name the humerus bone in relation to Shoulder.</p> <p>Bones of the forearm:- describe the radius and ulna bones.</p>	Bones of the arm	Practical Topics	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
7 th	2	<p>Bones of the Pelvis:- Describe the Pelvic bone and sacral bone.</p> <p>Bones of the thigh :- Name the femur bone in and sacral bone.</p>	Bones of the Pelvis	Practical Topics	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
8 th	2	<p>Bones of the leg:- Name the bones which are the tibia and fibula.</p> <p>Bones of the foot:-It consist from metatarsal bone and metatarsal and phalanges.</p>	Bones of the leg	Practical Topics	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
9 th	2	<p>Anatomy of the chest wall :- Give the types and numbers of ribs in relation to the sternum.</p> <p>Muscle of the shoulder:- Mention the Muscles of shoulder pectorals major and pectorals minor- muscles.</p>	Dressings, Binders and Bandages	Practical Topics	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
10 th	2	Muscle of the chest	Muscle of chest		1-Daily quizzes



		<p>and abdomen :- Name the muscles of the abdominal wall and muscles of the interior chest .</p> <p>Muscle of the Back and Gluteal region :- Describe the name of the muscles on the back and muscles of the gluteal region .</p>		<p>Practical Topics</p>	<p>2-Quarterly testing. 3-Annual examination.</p>
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11 th	2	Anatomy of the cardio-vascular system : We show them the model of the organs which is the heart and blood vessels .	Anatomy of the cardio-vascular system	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Anatomy of the digestive system:- Describe the organs of the digestive system and showing the students most of organs related to this system.	Digestive system	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Respiratory system : demonstrate the lungs and bronchus and bronchi and showing the students most of organs related to this system.	Respiratory system	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	The urogenital system : We show them the kidney and urinary bladder with excretion to the uterus & prostate and showing the students most of organs related to this system.	The urogenital system	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	The central nervous system : We describe the brain – cerebellum – medulla oblongata and the spinal cord and showing the students most of organs related to this system.	CNS	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



11.Course Evaluation	
1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Gray's anatomy , ross and Wilson

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Main references (sources)	Atlas of histology with functional correlations
Recommended books and references (scientific journals, reports...)	Kirks general surgical operation

Course Description Form

51.Course Name:
Medical Microbiology
52.Course Code:



53.Semester / Year:	
Semester	
54.Description Preparation Date:	
20/2/ 2024	
55.Available Attendance Forms:	
56.Number of Credit Hours (Total) / Number of Units (Total)	
Total units number: 4	
57.Course administrator's name (mention all, if more than one name)	
58.Course Objectives	
Course Objectives	<ul style="list-style-type: none"> ❖ The student can be able introduced nursing care for the patients ❖ The student should be able to find out: <ol style="list-style-type: none"> 1. Sterilization and Disinfection for all pathogenic microorganism. 2. Medical microbiology. 3. Microbiology causes disease for human. 4. Prevention and treatment of disease. 5. Diagnosis of bacteria. 6. Sensitivity test for antibiotics
59. Teaching and Learning Strategies	

Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational content
60. Course Structure	

Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	History of biosafety microbiology and molecular biology Biosafety levels Personal protective equipments	Introduction to medical microbiology and Biosafety Personal protective	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Classification of microorganism Cutaneous, Genitourinary, Gastrointestinal, Hepatic and Hemorrhagic viral diseases (Clinical appearances, diagnosis and treatment)	Classification of microorganism According site of infection	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	General introduction of bacteriology General structure of bacteria. Sterilization and disinfection , Culture media and staining	General structure of bacteria. & culture & staining	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Environmental conditions affected on the growth of bacteria Stages of bacterial growth Bacterial growth inhibition	Bacterial growth & inhibition	Theoretic & lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Medical bacteria: Staphylococci Group	Staphylococci Group toxins, pathogenicity	Theoretic lectures	1-Daily quizzes 2-Quarterly

		<i>Staphylococcus aureus</i> , <i>epidermidis</i> , <i>saprophyticus</i> , general characters,	, toxins,	strategy.	testing. 3-Annual examination.
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		pathogenicity treatment			
6 th	2	Streptococci Group, Streptococcus pneumoniae:- general structure, diseases , pathogenicity and treatment S.viridans , S.facalis , S.pyogens general structure , culture Media pathogenicity	Streptococci Group	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Neisseria group: General, meningococci, general structure, disease	Neisseria group	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Clostridia (anaerobic): General characters, Clostridium tetani: description, disease factors enhance growth in the wounds, prevention treatment	Mycobacterium pathogenicity	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Gas gangrene (clostridial myonecrosis): Description, disease, treatment, food, poisoning clostridia, toxins secreted in the foods, symptoms, treatment. Bacillus anthracis description, disease treatment.	Clostridia (anaerobic):	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Intestinal bacteria types, medical importance, general characters, cultures identification. pathogenic intestinal bacteria Salmonella symptoms, poisoning, treatment	Gas gangrene (clostridial myonecrosis): & Bacillus anthracis: group:	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Shigella disease: treatment, shigella food poisoning, symptoms, proteus, disruption, culture group:	Intestinal bacteria	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual

		symptoms, poisoning,	types		examination.
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		treatment			
12 th	2	Brucella: general characters, diagnosis, bordetella, disruption morphology and culture, disease, treatment.	Shigella disease	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Vibrio comma: Cholerae, general characters, disease, identification, treatment	Digestive system physiology	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Tryponema: General characters diagnostic examination. lebtospira :- characters, diagnosis, treatment	Tryponema: General	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Immunity, infection, inflammation and resistance, non-specific natural defense, acquired immunity	Immune system	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	2	Safety in laboratory – laboratory instrument – microscope – incubator – Autoclave – oven – Benzen flame – loop – Glass.	microscope	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

2 nd	2	Viral infections (internal and external infections).	Sterilization and biosafety	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Sterilization and disinfection – physical sterilization – moist heat – Dry heat – Radiation. Chemical sterilization and Filtration	Sterilization method	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

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4 th	2	Culture Media –Types of media – differential media – special media. inoculation by loop	Culture Media –Types	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Media preparation and Type of media	Media preparation	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Culture Methods	Culture Methods	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Types of swabs, Methods of the streak	Streak method	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Staining – wet smear – smear – Simple smear.	Smear Dry preparation and staining	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

9 th	2	Differential stains and method of staining	Differential stains	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Gram stain and Gram stain smear	Gram stain procedure	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Zehil – Neelson stain and smear preparation	Zehil – Neelson stain procedure	Practical Topics	1-Daily quizzes 2-Quarterly testing.

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					3-Annual examination.
12 th	2	Sensitivity test for antibiotics Gram positive Antibiotics	–Gram positive Antibiotics	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Sensitivity test for antibiotics Gram negative Antibiotics	–Gram negative Antibiotics	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Serological test – widal test.	widal test	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Immunological tests	ELSA type	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



11.Course Evaluation	
1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	2- BASIC MEDICAL MICROBIOLOGY PATRICK R. MURRAY, PhD Senior Worldwide Director, Scientific Affairs BD Diagnostics Systems Sparks, Maryland; Adjunct Professor, Department of Pathology University of Maryland School of Medicine Baltimore, Maryland

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Main references (sources)	Jawetz, Melnick, & Adelberg's Medical Microbiology 23 Edition
Recommended books and references (scientific journals, reports...)	MEDICAL MICROBIOLOGY

Course Description Form

61.Course Name:	Biochemistry
62.Course Code:	
63.Semester / Year:	Semester
64.Description Preparation Date:	20/ 2 / 2024



65. Available Attendance Forms:	
66. Number of Credit Hours (Total) / Number of Units (Total)	
Total credit hours: 4 Total units number: 4	
67. Course administrator's name (mention all, if more than one name)	
68. Course Objectives	
Course Objectives	1- Knowing the basic structure of the cell. 2- Knowing the biochemical components of the body. 3- Knowing the activity of enzymes. 4- Knowledge of the structure of proteins, carbohydrates, fats, hormones, and nucleic acids. 5- Identify the chemical reactions that occur inside the organism body
69. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics

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		❖ Use visuals and videos that are relevant to the educational content		
70. Course Structure				
Week	Hours Required	Learning Outcomes	Unit or subject method	Evaluation method

1 st	2	chemical reactions (oxidative, reduction, hydrolysis) measurements in chemistry (qualitative & quantitative assays of substance)	General chemistry	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	1. History & scope of biochemistry. 2. Cell biochemistry - subcellular organelles & cell membranes (structure and functions) - mechanisms of regulation of PH. - acid- base balance. 3. Homeostasis mechanisms. 4. Transport through biological cell.	General chemistry	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	1. water - disturbance & balance - Intake & output of water. 2. Electrolyte - composition and disorder of (sodium, potassium, iron, calcium & chloride). 3. Biomolecules - structures functions- properties	Water and electrolytes balance & imbalance	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th & 5 th	2	1. Amino acid - Classification & properties of amino acid• - General metabolism of amino acid & formation of ammonia - Peptide synthesis. 2. proteins - Structures, properties & classification of protein•	Amino acid & Proteins	lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

		- Function of protein - Catabolism & nitrogen balance- Urea cycle			
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6 th	2	<ul style="list-style-type: none"> <input type="checkbox"/> Definition & general characteristic <input type="checkbox"/> Classification <input type="checkbox"/> Enzyme specificity <input type="checkbox"/> Enzyme catalysis & active site <input type="checkbox"/> Factors influencing enzyme activity. 	Enzymes	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th & 8 th	2	<ul style="list-style-type: none"> • Definition, classification & biological importance, Glycosidic bond • Metabolism of carbohydrate <ul style="list-style-type: none"> - Glycolysis & Gluconeogenesis - Glycogenolysis & Glycogenesis • Metabolism of disaccharide & polysaccharide • Energetic of metabolic cycle 	Carbohydrate	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th & 10 th	2	<ul style="list-style-type: none"> ❖ Classification – structure – properties - Function ❖ Neutral fats (TAG)- storage, hydrolysis, ❖ Metabolism ❖ Cholesterol -function & metabolism ❖ Lipoprotein structure 	Lipids	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th & 12 th	2	<ul style="list-style-type: none"> <input type="checkbox"/> Definition & function <input type="checkbox"/> Mechanism of action of hormone <input type="checkbox"/> Effect and properties of some hormones 	Hormone	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th & 14 th	2	<ul style="list-style-type: none"> ▪ N-bases, nucleosides, nucleotides, RNA & DNA ▪ Degradation of purine, pyrimidin & nucleotide ▪ Metabolism disorder of purine & pyrimidin ▪ free radicals - definition, generation - free radical scavenger (enzyme system) ▪ anti-oxidants (definition & types) - role of antioxidants in the body 	Nucleotides	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	I. Vitamins <input type="checkbox"/> definition, classification,	Vitamins & minerals	Theoretic	1-Daily quizzes



				lectures	2-Quarterly
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		sources, structure, deficiency & excess II.Minerals □trace metals (Zn, Cu, Se and Co)□metals poisoning (Hg, Cd Al and Pb) □detoxification & biotransformation		strategy.	testing. 3-Annual examination.
1 st	2	The compound of biochemistry lab & PH determination.	Glassware Determination of PH	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Titration of reducing agent against oxidative agent	Titration	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Standard curve & Verification of Beer's Lambert law	Beer's Lambert law	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Biuret test for peptide bonds	peptide bonds	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Denaturation of protein	The proteins	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



6 th	2	Qualitative tests to detect an enzyme activity	enzyme activity	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	General test for carbohydrate	Carbohydrate	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual

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					examination.
8 th	2	Hydrolysis of disaccharide & polysaccharide	disaccharide & polysaccharide	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Formation of fatty acid & insoluble soap	fatty acid	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Qualitative Estimation of cholesterol	Cholesterol	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Data show presentation of ELISA	ELISA	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Data show presentation of RIA	RIA	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual

					examination.
13 th	2	Isolation of RNA from yeast (Film)	RNA (Film)	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Isolation of DNA(Film)	DNA(Film)		1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Determination of ascorbic acid	ascorbic acid	Practical Topics	1-Daily quizzes 2-Quarterly testing.

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					3-Annual examination.
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11.Course Evaluation	
<ol style="list-style-type: none"> 1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research 	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	<ol style="list-style-type: none"> 1- Biochemistry - U. Satyanarayana, U Chakrapani, 4th Ed, 2013 2- Lehninger Principles of Biochemistry - David L. Nelson, Michael M. Cox, 5th Ed, 2008
Main references (sources)	Medical biochemistry
Recommended books and references (scientific journals, reports...)	Bio kimia.org ,



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Course Description Form

71.Course Name:	
Clinical chemistry	
72.Course Code:	
73.Semester / Year:	
Semester	
74.Description Preparation Date:	
20/ 2 / 2024	
75.Available Attendance Forms:	
76.Number of Credit Hours (Total) / Number of Units (Total)	
Total credit hours: 4 Total units number: 4	
77.Course administrator's name (mention all, if more than one name)	
78.Course Objectives	
Course Objectives	<ol style="list-style-type: none">1- Knowing the basic structure of the cell.2- Knowing the biochemical components of the body.3- Knowing the activity of enzymes.4- Knowledge of the structure of proteins, carbohydrates, fats, hormones, and nucleic acids.5- Identify the chemical reactions that occur inside the organism body
79. Teaching and Learning Strategies	



Strategy	<ul style="list-style-type: none">❖ Theoretic lectures strategy.❖ Practical Application Strategy❖ Conversation and discussion strategy.❖ Regular testing strategy.❖ Write a report on the topics❖ Use visuals and videos that are relevant to the educational content
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80. Course Structure					
Week		Hours Required	Unit or subject	method	Evaluation method
1 st	2	-laboratory supplies -separation techniques -types of specimens -disposal of hazardous materials	Introduction to clinical chemistry	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

2 nd & 3 rd	2	<p>I. Blood</p> <ul style="list-style-type: none"> - composition & functions - blood clotting & hemoglobin degradation - anticoagulation - hemolysis II. Urine - formation- excretion - normal & abnormal amount of urine - urine analysis (physical & chemical characteristic) 	Body fluids	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
4 th	2	<ul style="list-style-type: none"> ❖ Kidney function test • function of kidney • assessment of renal functions tests • component of KFTs • routine kidney function tests 	Disorder of Electrolyte (sodium, potassium, iron, calcium & chloride)	Theoretic lectures strategy	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
5 th & 6 th	2	<ul style="list-style-type: none"> • Types of protein abnormalities Protein in other body fluids • Methods of measure protein • Non protein nitrogen compounds (urea, creatinine, uric acid, ammonia) •disorder of urea cycle 	Plasma proteins		<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>

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7 th & 8 th	2	<ul style="list-style-type: none"> □ Clinical enzymology ▪ (ALT, AST, GGT, ALP, ACP) ▪ Enzyme profile in liver disease ▪ Enzyme markers of cardiac disease ▪ Amylase & lipase □ Liver function test ❖ Major function of liver ❖ Classified of liver function test ❖ markers of hepatic dysfunction- test based on synthetic function of liver - test based on serum enzyme - test of obstructive liver disease 	Enzymes	Theoretic lectures strategy.	<p>1-Daily quizzes</p> <p>2-Quarterly testing.</p> <p>3-Annual examination.</p>
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9 th & 10 th	2	<ul style="list-style-type: none"> • Types of carbohydrate and method of measures in blood • Hyperglycemia & Hypoglycemia• Hormonal regulation of carbohydrate level in the body • Normal plasma glucose level & clinical significance - diabetes mellitus & metabolic syndrome - laboratory investigation of diabetes 	Carbohydrate	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	<ul style="list-style-type: none"> ❖ General lipoprotein ❖ Lipid associated disease ❖ Plasma lipoprotein (types and their significance) ❖ Lipid profile 	Lipids	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th & 13 th	2	<ul style="list-style-type: none"> □ disorders of: - hypothalamic and pituitary hormones - steroid hormones - thyroid hormones - pancreas & gastro intestinal tract- pregnancy hormone 	Hormone	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	<ul style="list-style-type: none"> ▪ Cancer- cellular differentiation, carcinogens and cancer therapy ▪ Tumor markers ▪ free radicals - clinical significance (lipid peroxidation) 	Nucleotides		1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	<ul style="list-style-type: none"> ▪ energy requirements 	Vitamins &	Theoretic	1-Daily quizzes

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		<ul style="list-style-type: none"> ▪ malnutrition risk ▪ obesity ▪ glycemic index ▪ toxic substance in foodstuffs 	minerals	lectures strategy.	2-Quarterly testing. 3-Annual examination.

1 st	2	The compound of biochemistry lab & basic separation techniques & units of measure.	<input type="checkbox"/> Clinical laboratory supplies <input type="checkbox"/> Basic separation techniques <input type="checkbox"/> Units of measure.	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Collection techniques for blood samples	Blood samples	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Normal & Abnormal constituent of urine	Constituent of urine	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Estimation of creatinine	Creatinine	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Estimation of total protein & albumin level	Total protein & albumin	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Estimation of urea	Urea	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Estimation activity of AST(GOT) or ALT(GPT) & ALP or ACP	(GOT) & (GPT)	Practical Topics	1-Daily quizzes 2-Quarterly testing.

					3-Annual
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					examination.
8 th	2	Estimation of hepatic dysfunction	Hepatic	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Estimation of glucose level	Glucose	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Estimation of Glycosylated hemoglobin	Hemoglobin	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Estimation of serum lipid profile	Lipid	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Estimation of thyroid hormone	thyroid hormone	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Estimation of pregnancy hormone	pregnancy hormone	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



14 th	2	Estimation of lipid peroxidation	lipid peroxidation	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
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15 th	2	Calculate body mass index (BMI).	body mass index	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
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11.Course Evaluation

1. Daily testing.
2. Semester test.
3. Annual testing.
4. Discussing quarterly and annual research

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	1- Biochemistry - U. Satyanarayana, U Chakrapani, 4th Ed, 2013
Main references (sources)	2- Lehninger Principles of Biochemistry - David L. Nelson, Michael M. Cox, 5th Ed, 2008
Recommended books and references (scientific journals, reports...)	Medical biochemistry
	Bio kimia.org ,

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Course Description Form

81.Course Name:



Physiology

82.Course Code:

83.Semester / Year:

Semester

84.Description Preparation Date:

20/ 2 / 2024

85.Available Attendance Forms:

86.Number of Credit Hours (Total) / Number of Units (Total)

Total credit hours: 4 Total units number: 4

87.Course administrator's name (mention all, if more than one name)

88.Course Objectives

Course Objectives

- ❖ The student can be able to see the benefit of physiological processes in the human Nursing
- ❖ The student should be able to find out:
 - 1 - the various organs of the body.
 - 2 - various body functions and physiological processes that take place inside the human body.
- ❖ Gain experience and skill in conducting Experiments to check and physiology.
- ❖ The student should be able to find out:
 - 1 - devices used to measure and physiology.
 - 2 - How to use in measuring devices and physiology.

89. Teaching and Learning Strategies

Strategy

- ❖ Theoretic lectures strategy.
- ❖ Practical Application Strategy
- ❖ Conversation and discussion strategy.
- ❖ Regular testing strategy.
- ❖ Write a report on the topics



	❖ Use visuals and videos that are relevant to the educational content
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90. Course Structure

Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	Introduction to physiology: The cell and general physiology	Introduction to physiology	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Membrane physiology: Transport of substances through the cell membrane, membrane potentials and action potentials	Membrane Physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Contraction of skeletal muscle, excitation of skeletal muscle	skeletal muscle physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Contraction and excitation of smooth muscle	smooth muscle physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Heart muscle; the heart as a pump And function of the heart valves	cardiac muscle physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	The Normal Electrocardiogram	Electrocardiogram Test	Theoretic lectures strategy	1-Daily quizzes

					2-Quarterly
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					testing. 3-Annual examination.
7 th	2	Blood cells, immunity, and bloodclotting	Blood physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	The body fluid compartments: extracellular and intracellular fluids; interstitial fluid and edema	Body fluid	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Urine formation by the kidneys: Glomerular filtration, renal bloodflow, tubular processing of the glomerular filtrate and their control	Urinary system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Regulation of acid-base balance	Hemostasis	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Respiration	Respiratory system physiology	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

12 th	2	The nervous system: General p and sensory physiologyNervou	system physiology	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Gastrointestinal physiology	Digestive system	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly

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			physiology		testing. 3-Annual examination.
14 th	2	Metabolism and temperature regulation	Metabolism	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Endocrinology and re	gland physiology	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
1 st	2	The compound microscope	microscope	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Collection of blood samples (Venous and capillary blood)	blood samples	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

3 rd	2	Hemocytometry (red cell c		Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Hemocytometry (white cell count)	white cell count	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Examination of fresh blood: drop preparation and preparing a peripheral blood film	peripheral blood film	Practical Topics	1-Daily quizzes 2-Quarterly testing.

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					3-Annual examination.
6 th	2	Estimation of hemoglobin	hemoglobin	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Determination of hematocrit (Packed cell volume)	Packed cell volume	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Staining a peripheral blood film and the differential leukocyte count	Blood film	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Erythrocyte sedimentation rate	ESR rate	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

9 th	2	Blood grouping (syn: blood typing)	Determination on blood group	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Tests for hemostasis (bleeding time, coagulation time, platelet count)	Blood hemostasis	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Pulmonary function tests	Respiration function	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Recording of systemic arterial	Blood pressure	Practical Topics	1-Daily quizzes

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		blood pressure			2-Quarterly testing. 3-Annual examination.
14 th	2	Semen analysis	Sperms test	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Urine examination	Urinary system function	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



<ol style="list-style-type: none"> 1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research 	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	1- Guyton and Hall Textbook of Medical Physiology by: John E. Hall :
Main references (sources)	2- Lippincott® Illustrated Reviews: physiology by Robin R. Preston and Thad E. Wilson
Recommended books and references (scientific journals, reports...)	Ross and Wilson anatomy physiology

and

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Course Description Form

91.Course Name:	
	Medical terminology
92.Course Code:	
93.Semester / Year:	
	Semester



94. Description Preparation Date:

20/ 2 / 2024

95. Available Attendance Forms:

96. Number of Credit Hours (Total) / Number of Units (Total)

Total credit hours: 2 Total units number: 2

97. Course administrator's name (mention all, if more than one name)

98. Course Objectives

Course Objectives

Students should be able to

- 1) Develop a basic understanding of medical terminology:
- 2) Identify and define common medical terms
- 3) Differentiate between similar-sounding terms.
- 4) Analyze unfamiliar medical terms
- 5) Relate medical terminology to different body systems
- 6) Apply medical terminology to real-life scenarios
- 7) Spell and pronounce medical terms correctly
- 8) Use medical abbreviations and acronyms appropriately
- 9) Develop research skills to find reliable medical

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information

99. Teaching and Learning Strategies



Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational content
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100. Course Structure

Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	2	Introduction to Medical Terminology, Define and historical of medical terminology.	Define medical terminology	1-Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Basic Elements of a Medical Word, Word root Examples combining form.	Basic Elements of terminology	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Common prefix and suffixes.	prefix and suffixes.	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Overview of Anatomy and Physiology	Study anatomy and physiology	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly

			for body parts		testing. 3-Annual examination.
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5 th	2	Anatomical Position, Body Planes and Body Cavities.	Body position and cavity	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Clinical, Radiologic, and Diagnostic Procedures.	Diagnostic Procedures	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	2	Digestive system	Terms of digestive system	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Integumentary System	Terms of skin	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	The Musculoskeletal System	Terms of the Musculoskeletal System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	The Reproductive System	Terms of Reproductive System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Respiratory System	Terms of respiratory System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



12 th	2	The Urinary System	Termes of Urinary System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	The Cardiovascular System	Termes of Cardiovascular System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Blood , Lymph and Immune Systems	Termes of circulatory System	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	Nervous system	Termes of nervous system	1-Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

11.Course Evaluation

1. Daily testing.
2. Semester test.
3. Annual testing.
4. Discussing quarterly and annual research

12.Learning and Teaching Resources

Required textbooks	1- Medical Terminology: A Systems Approach , by Barbara J. Cohen & Susan M. Skelley
Main references (sources)	2- The Language of Medicine , by Patricia Ann Ehrlich & Carol L. Schroeder
Recommended books and references (scientific journals,	Msd manuals , medical terminolog



reports...)	
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Course Description Form

101. Course Name:
Computer applications 1
102. Course Code:
103. Semester / Year:
Semester
104. Description Preparation Date:
20/ 2 / 2024
105. Available Attendance Forms:
106. Number of Credit Hours (Total) / Number of Units (Total)
Total credit hours: 3 Total units number: 3
107. Course administrator's name (mention all, if more than one name)
108. Course Objectives



Course Objectives

- ❖ 1- Employing computer work to serve the university's activities and mechanize its work while training its staff and students and developing their professional skills to prepare specialized technical staff capable of creating interconnection between the scientific, technical and administrative components and thus the success of institutional work.
- ❖ 2- Supporting scientific research by providing technical support to researchers.
- ❖ 3- Highlighting the university's role in raising the efficiency of institutional performance in society by training cadres of state departments and the private sector to work on computers to complete office work in various institutions.
- ❖ 4- Strengthening the partnership between the university and civil society institutions by extrapolating the renewed needs of society and targeting them with advisory services.
- ❖ 5- Commitment to applying quality standards and periodically evaluating institutional capacity and educational effectiveness.
- ❖ 6- A link between the university and the outside world through the website.



109. Teaching and Learning Strategies					
Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational content 				
110. Course Structure					
Week	Hours	Hours Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	1	Computer concept Computer life cycle Generations of computer development	Computer Basics	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	1	Computer advantages and areas of use	Classification of computers in terms of purpose, size, and data type	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

3 rd	1	Computer's components	Explanation of computer components Hardware components Software components	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	1	Personal computer	Security concept And computer software licenses	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	1	Computer security and software licenses	Computer Safety &	Theoretic lectures	1-Daily quizzes 2-Quarterly

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			Software Licences	strategy.	testing. 3-Annual examination.
6 th	1	Ethics of the electronic world,	Types of violations, computer security, and computer privacy	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	1	Computer science licenses and their types	Licenses in terms of ownership and intellectual property and the most important steps necessary to solve the problem of hacking operations	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

8 th	1	Operating system	Definition of the operating system, what are the functions, and what are the goals of the operating system with examples	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	1	Windows 7	Introducing the student to skills With usage skills Windows	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10	1	Desktop and taskbar components	What is the desktop and how to deal with the tools available on the desktop, as well as knowing the	Theoretic lectures strategy. Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

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			taskbar and what are the divisions of the taskbar		
11 th	1	Folders and icons	Teach the student how Create folders and icons And change your settings	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	1	Perform desktop windows operations	Teach the student how to change Desktop interfaces	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

13 th	1	Control panel	Introducing the student to the control process And familiarize yourself with the computer through this application	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	1	Organizing files inside the computer	Teach the student how to organize And arrange files Inside the computer and how to delete it	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	1	Some common computer situations	Manage the printer and set the date and time	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

1 st	2	Browse and close windows	Examples of browsing and closing windows and dialog boxes and the correct way to deal with the keyboard, cursor, and	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

			other devices.		
2 nd	2	Customize icons	Examples of customizatio n Icons, dealing with them, and changing screen resolution	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Create a new user	Training the student on creating a new user, maximizing windows, and learning about the physical components of the computer as well	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	2	Computer software licenses	Training the student on dealing with computer software licenses	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Computer security	Training the student on how to deal with computer security	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Computer privacy	Training the student on computer privacy	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.



7 th	2	Electronic hacking	Training the student on identifying the characteristics of viruses and how to make a backup copy of the program	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Operating system	Training the student about the operating system and how to partition the hard disk internally and externally	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	Windows 7	Training the student about installation Windows 7	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Taskbar	Training the student on the Start menu and also creating a file and storing it in the student's name on the desktop	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	2	Create a folder	Training the student on creating a file with a specific name, how to change the name, and how to delete and recover	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

12 th	2	desktop backgrounds	Training the student how to change backgrounds	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
13 th	2	Control panel	Training the student on using the control panel	Practical Topics	1-Daily quizzes 2-Quarterly testing.

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					3-Annual examination.
14 th	2	Delete and install programs	Training the student on deleting and reinstalling a specific program	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	installation	Training the student on how to install a printer or any other device	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

11.Course Evaluation	
<ol style="list-style-type: none"> 1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research 	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Computer basics and office applications:
Main references (sources)	English arabic computer term
Recommended books and references (scientific journals,	Computer fundamental chapter 3 fi grade



reports...)	
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Course Description Form

111. Course Name:
Computer applications 2
112. Course Code:
113. Semester / Year:
Semester
114. Description Preparation Date:
20/ 2 / 2024
115. Available Attendance Forms:
116. Number of Credit Hours (Total) / Number of Units (Total)
Total credit hours: 3 Total units number: 3
117. Course administrator's name (mention all, if more than one name)
118. Course Objectives



<p>Course Objectives</p>	<ul style="list-style-type: none">❖ 1- Employing computer work to serve the university's activities and mechanize its work while training its staff and students and developing their professional skills to prepare specialized technical staff capable of creating interconnection between the scientific, technical and administrative components and thus the success of institutional work.❖ 2- Supporting scientific research by providing technical support to researchers.❖ 3- Highlighting the university's role in raising the efficiency of institutional performance in society by training cadres of state departments and the private sector to work on computers to complete office work in various institutions.❖ 4- Strengthening the partnership between the university and civil society institutions by extrapolating the renewed needs of society and targeting them with advisory services.❖ 5- Commitment to applying quality standards and periodically evaluating institutional capacity and educational effectiveness.❖ 6- A link between the university and the outside world through the website
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119. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> ❖ Theoretic lectures strategy. ❖ Practical Application Strategy ❖ Conversation and discussion strategy. ❖ Regular testing strategy. ❖ Write a report on the topics ❖ Use visuals and videos that are relevant to the educational center
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120. Course Structure

Week	Hours Required	Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 st	1	How to open Microsoft Word, what are the program's features, and when to use it	Microsoft Word	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	1	Training the student about the advantages Destinations for the Rose Program	Microsoft Word interface	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	1	Explanation of the components of the File tab What are the parts of this tab?	File tab	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
4 th	1	Teach the student what tools are Home page and how to deal with it	Home tab	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	1	Teaching the student about the tab tools mentioned	Page Layout tab and View tab Licences	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing.

					3-Annual
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					examination.
6 th	1	Inserts tab	Training the student about the Insert tab	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
7 th	1	Insert a group of pages	Train the student on how Insert more than one page In the same documentHow delete a page well	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	1	Set of tables	Training the student on how to insert a table and draw a specific table	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	1	A set of illustrative drawings	Train students on how to How to add graphics Illustrative	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10	1	Header and footer set	Teaching the student how to add a header and footer to a paper	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
11 th	1	Additional tasks for Lord	Training students on adding mathematical equations and	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual

			operations Lifting and foundations		examination.
12 th	1	Symbol set	Training students on writing texts Certain contains	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly

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			On symbols such as state currencies and anything		testing. 3-Annual examination.
13 th	1	File tab	Explanation of the components of the File tab What does it contain, for example, the tools used within the program	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	1	Main display group	It is adding a group of tools that contain, for example, time	Theoretic lectures strategy	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	1	How to store	How to store either under a new name or format or according to what is available	Theoretic lectures strategy.	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

1 st	2	How to open Microsoft Word, what are the program's features, and when to use it	Microsoft Word	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
2 nd	2	Training the student about the advantages Destinations for the Rose Program	Microsoft Word interface	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
3 rd	2	Explanation of the components of the File tab	File tab	Practical Topics	1-Daily quizzes 2-Quarterly

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		What are the parts of this tab?			testing. 3-Annual examination.
4 th	2	Teach the student what tools are Home page and how to deal with it	Home tab	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
5 th	2	Teaching the student about the tab tools mentioned	Page Layout tab and View tab Licences	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
6 th	2	Inserts tab	Training the student about the Insert tab	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

7 th	2	Insert a group of pages	Train the student on how Insert more than one page In the same document How delete a page well	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
8 th	2	Set of tables	Training the student on how to insert a table and draw a specific table	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
9 th	2	A set of illustrative drawings	Train students on how to How to add graphics Illustrative	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
10 th	2	Header and footer set	Teaching the	Practical Topics	1-Daily quizzes

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			student how to add a header and footer to a paper		2-Quarterly testing. 3-Annual examination.
11 th	2	Additional tasks for Lord	Training students on adding mathematical equations and operations Lifting and foundations	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
12 th	2	Symbol set	Training students on writing texts Certain contains On symbols such as state currencies and anything	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

13 th	2	File tab	Explanation of the components of the File tab What does it contain, for example, the tools used within the program	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
14 th	2	Main display group	It is adding a group of tools that contain, for example, time	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.
15 th	2	How to store	How to store either under a new name or format or according to what is available	Practical Topics	1-Daily quizzes 2-Quarterly testing. 3-Annual examination.

11.Course Evaluation

<ol style="list-style-type: none"> 1. Daily testing. 2. Semester test. 3. Annual testing. 4. Discussing quarterly and annual research 	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Computer basics and office applications:
Main references (sources)	English arabic computer term



Recommended books and references (scientific journals, reports...)	Computer fundamental chapter 3 first grade
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Course Description Form

121. Course Name:	English
122. Course Code:	
123. Semester / Year:	Semester
124. Description Preparation Date:	00/ 2 / 2024
125. Available Attendance Forms:	
126. Number of Credit Hours (Total) / Number of Units (Total)	Total credit hours: 4 Total units number: 4
127. Course administrator's name (mention all, if more than one name)	
128. Course Objectives	Objectives 1-Defines prefix ,suffix,root. 2. Understands the roles and functions of the grammar. 3.Measures the understanding by making oral tests. 4. Apply the rules of reading and writing the medical terms. 5. Performs the plurality of medical terms and its rules.
129. Teaching and Learning Strategies	



Strategy	<ul style="list-style-type: none">❖ Theoretic lectures strategy.❖ Practical Application Strategy❖ Conversation and discussion strategy.❖ Regular testing strategy.❖ Write a report on the topics❖ Use visuals and videos that are relevant to the educational content
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130. Course Structure

Week		Hours Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
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