

Description first stage courses

1. Name Decision:	
Nursing basics	
2. Code Decision	
IMA112	
3. Class/ Leve :	
Second semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. Forms Attendance Available:	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
Practical hours + 30 theoretical hours 30 / number of units 4	
7. Goals The decision	
<p>Learn about the basics of nursing, first aid, laboratory and professional aid in the field of nursing, and methods of .dealing with the patient</p> <p>Identify vital signs, temperature, breathing, blood pressure, . pulse and their methods</p> <p>Learn about the history of nursing and the nurse and know his duties</p> <p>Identify the types of hospitals and their departments</p>	<p>Objectives of the subject Academic</p>
8. Strategies Education And learning:	

-Strategy Storm mental - - Strategy Work group - Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy- Strategy Training Field Practical -Self-learning strategy -Strategy Education Electronic	Strategies Education
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-Strategy Study - Strategy Conclusion - Strategy Practice divergent- Strategy Switch Between Ideas-Strategy for presenting examples	Strategies Learning
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9. Structure Decision

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	nursing Basics of ,definition (nursing , (health, hospital ,	Introducing students to the basics of nursing	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Management and discharge of the patient from the hospital, detailed chart, oral report, written report , nursing process . Assessment, planning,) implementation, (evaluation.	Introducing students to the basics of patient discharge management	• 4	3-2

<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Physical examination, point preparation. For examination, the nurse's role in physical examination, collecting samples, preparing equipment, and throwing . fluids</p>	<p>Introducing students to the basics of physical examination and preparing equipment, forms, and samples</p>	<p>4 •</p>	<p>5-4</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Black board slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Body mechanics, body posture, principle of body mechanics, . complete work</p>	<p>Introducing students to the basics of posture and body mechanics</p>	<p>4 •</p>	<p>6</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Black board slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Basic needs for physical therapy care. Care of the physical therapy unit, bed arrangement, causes of lack of physical comfort, mental health and . psychotherapy support</p>	<p>Introducing students to the basics of physical therapy and mental health</p>	<p>4 •</p>	<p>8-7</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Black board slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Body hygiene, dental care, skin, mouth, physical therapy bath. Type of bath, care for sores, their causes and . prevention</p>	<p>Introducing students to the basics of patient physical care</p>	<p>4 •</p>	<p>10-9</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Black board slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Fluids and nutrients, nutrition, physical therapy agents - nutrients and body waste, gastrostomy tube</p>	<p>Introducing students to the basics of patient nutrition</p>	<p>4 •</p>	<p>11</p>

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Sterilization method, surgical sterilization, medical sterilization, type of disinfectant, floor covering, type of sterilization of surgical equipment, dressing principle and stage removal.	Introducing students to the basics of sterilization and dressing	• 4	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Vital signs, definition of temperature, temperature check, type of temperature check, armpit, causes, signs, and symptoms, nursing care for it, identifying factors affecting the pulse, place to take the pulse, nursing point in checking the pulse, breathing, definition of breathing, Definition of blood pressure. Definition of diastolic and systolic pressure and the factors affecting it	Introducing students to the basics of vital signs: temperature, respiration, and pulse	• 4	14-13
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Drug administration, drug definition, drug type, and injection - subcutaneous (SC) intramuscular , (IM) intradermal ,(ID) , intravenous(IV).	Introducing students to the basics of giving injections and medication	• 4	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly And editorial And reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Prescribed books (required)Methodology that found

<p>Nadecra H. Fundemental of Nursing (practices) Foundation of Technical educations. MousL, 2000</p> <p>Naaheda. M Fundemental of Nursing (theory).Foundation of Technical education Baghdad 2000.Spring house corporation, Nursing, procedures, publication, Data. 1997.</p>	<p>Main references(Sources)</p>
<p>Taylor, C., et al.: Fundamentals of Nursing: The Art and Science of Nursing care, 7th ed., 2011, Lippincott</p> <p>White, L.; Duncan, G.; and Baumle, W.: Foundation of Nursing, 3rd ed., 2011, Australia: CENGAGE</p>	<p>Books And references The support Which ,Recommended (scientific journals reports ,(</p>
	<p>References electronic, Locations Internet</p>

1. Name Decision:	
Internal surgical nursing	
2. Code Decision	
IMA 111	
3. Class/ Level :	
First semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. Forms Attendance Available:	
presence	
6 . Numbers Hours Academic(total) / Number Units (total) :	
Practical hours + 30 theoretical hours / number of units 4 30	
7. Objectives decision	
<p>Learn general information about internal and surgical diseases</p> <p>Identifying the patient's basic needs and providing comfort and full care to patients in meeting their needs.</p> <p>The ability to provide nursing care to patients with diseases of the digestive, respiratory, urinary systems, heart, nose, ear, throat, and others</p> <p>Qualifying the student to provide nursing care in the recovery unit</p> <p>Ability to provide nursing care to patients before and after surgical operations</p>	<p>Objectives of the subject Academic</p>
8. Strategies Education And learning:	

<ul style="list-style-type: none"> -Strategy Storm mental -Strategy Work - group-Discussion strategy -Strategy Study case - Inductive teaching strategy - Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples 	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Definition of health - the patient's basic needs - causes of patient discomfort nursing processes - their = - definition - stages - information gathering stage - planning stage - implementation stage - evaluation stage.	Introducing students to the nursing and health stages	<ul style="list-style-type: none"> • 4 	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Internal and surgical nursing care for diseases of the digestive system - appendicitis - its definition - signs and symptoms - nursing care before and after the operation - complications - hernia, its definition and types - signs and symptoms - nursing care before and after .the operation	Introducing students to patient health care, especially gastrointestinal diseases	<ul style="list-style-type: none"> • 4 	3-2

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Nursing care for liver and gallbladder diseases - acute and chronic inflammation of the gallbladder - signs and symptoms - nursing care - gallstones - their definition - symptoms and signs - nursing care before and after surgery - hepatitis of all types - nursing care.	Introducing students to patient health care, especially liver and gallbladder diseases	• 4	4
,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Internal and surgical nursing care for endocrine diseases - thyroid gland - signs and symptoms - nursing care - diabetes - its symptoms and signs - types - nutritional and drug treatment - complications	Introducing students to patient health care, especially endocrine diseases	• 4	5
,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Internal and surgical nursing care for joint and bone diseases - types of fractures - signs and symptoms - first aid nursing care - amputation - - reasons for amputation - complications - nursing care .before and after the operation	Introducing students to patient health care, especially joint diseases and fractures	• 4	7-6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Internal and surgical nursing care for diseases of the urinary system - Introduction to the urinary system - Tests performed on the patient - Signs and symptoms of the urinary system - Renal colic - Signs and symptoms - Nursing care - Acute and chronic nephritis - Signs and symptoms - Nursing care	Introducing students to patient health care, especially urinary system diseases	• 4	8
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Symptoms of acute kidney failure, which includes: definition - evaluation (health history - assessment of the individual's health condition) - diagnostic examinations - nursing care - symptoms of chronic kidney failure, which includes: definition - evaluation (health history - assessment of the individual's health condition) - diagnostic .examinations - nursing care	Introducing students to patient health care, especially kidney-associated diseases	4	9

,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Kidney dialysis (dialysis): Introduction to dialysis: its definition - types - diseases that lead to dialysis. (A) Perforation: Introduction to perforation - Definition - Objectives - Nursing care for the patient undergoing perforation (before - during and after perforation). - Complications that occur during perforation and how to .treat them	Introducing students to patient health care, especially dialysis	4	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	B) Hemodialysis: Introduction to hemodialysis - definition - objectives - nursing care. When is an arteriovenous shunt (canula): its definition - types benefits - where it is used - - methods of performing it - monitoring it - complications - nursing care for the condition of the shunt site. Nursing care during the transperfusion process and while operating the device - Nursing care in disengaging the transperfusion device from the patient - Complications that occur during the transperfusion process - Recommendations given to the patient after the perforation process.	Introducing students to patient health care, especially hemodialysis diseases	4	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory And a chapter	Accidental and sudden events :during the perforation process Aerobic health-1 Angina pectoris -2 3- Cardiac arrhythmia Electrical malfunction in the -4 device. 5- High blood pressure Low blood pressure -6 Membrane bursting -7	Introducing students to patient health care, especially hemodialysis diseases	4	12
,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronicall y laboratory	Kidney transplantation - Introduction to the kidney transplantation process - Definition - Objectives - Nursing care - Before the kidney transplantation - Nursing care for the kidney donor before the kidney transplantation - Nursing care for the patient after the kidney transplantation - Complications that occur after the kidney transplantation operation and how to treat them - Nursing care	Introducing students to patient health care, especially during a kidney transplant	4	13

,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Internal and surgical nursing care for diseases of the blood and lymph nodes - anemia and its types - signs and symptoms - nursing care - leukemia and acute and chronic blood sucking - signs .and symptoms - nursing care	Introducing students to patient health care, especially blood diseases	4	14
,Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Internal and surgical nursing care for cardiovascular diseases - intensive care for heart and respiratory diseases its concept - nursing care in - .intensive care units	Introducing students to patient health care, especially heart disease	4	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly And editorial And reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Springhouse Corporation: Nursing Procedures” Publication Data 1992	Prescribed books(required)Methodology that found
Nazira Hussein, Nahida Muhammad - Theoretical Internal Surgical Nursing - Technical Education Authority / Baghdad 1999.	Main references(Sources)
Nazira Hussein, Nahida Muhammad - Internal Surgical Practical Nursing - Technical Education Authority / Baghdad 2000.	Books And references The support Which(Recommended (scientific journalsreports ,

1. Name Decision:	
Physiology	
2. Code Decision	
TIDO 106	
3. Class/ Level :	
First semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. Forms Attendance Available:	
presence	
6. Numbers Hours Academic(total) / Number Units (total) :	
Practical hours + 30 theoretical hours / number of units 4 30	
7. Objectives decision	
Identify the different body systems Knowledge of the various body functions and physiological processes that take place within the human body The student knows the usefulness of physiological processes in human nursing The student gains experience and skill in experiments conducted to examine organ functions The ability to use medical devices to measure organ functions	Objectives of the subject Academic
8. Strategies Education And learning:	

Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples	<p style="text-align: center;">Strategies Education</p> <p style="text-align: center;">Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	The weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Blood - its components - blood smear - blood volume - red blood cells - number of red blood cells - their shape - .method of counting them	Introducing students to blood and its components	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	White blood cells - their number - types - normal proportions of each type - .work of white blood cells	Introducing students to white blood cells and their normal levels	• 4	2
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Blood clotting - blood acidity - blood discs and their function.	Introducing students to the blood clotting process	• 4	3

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anemia – types of anemia	Introducing students to the types of anemia	• 4	4
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Jaundice - its types - causes of jaundice - breakdown of red blood cells	Introducing students to jaundice and its types	• 4	5
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	The cardiovascular system - an overview of the anatomy of the circulatory system - anatomy of the heart - heart valves	Introducing students to the anatomy of the circulatory system	• 4	6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Location of the heart relative to the surface of the living body - the heart as a pump - cardiac excretion	Familiarize students with the location and function of the heart	• 4	7
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	ECG - heart sounds - areas of the heart valves - normal sounds	Introducing students to the ECG process	• 4	8

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Arterial blood pressure - silent blood flow - atmospheric pressure - measuring blood pressure	Introducing students to the process of measuring pressure	• 4	9
,Reports Assignments, theoretical exams Oral, written and quarterly	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Factors affecting blood pressure - high - low - central control of blood vessels - measuring high - low blood pressure.	Introducing students to the factors affecting blood pressure	• 4	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Respiratory system - respiratory muscles - diaphragm - function of the diaphragm in relation to the lungs	Introducing students to the function of the respiratory system	• 4	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Respiratory volumes - reserve volume for exhalation reserve volume for - inhalation - vital capacity - factors affecting vital capacity	Introducing students to the process of inhalation and exhalation and the factors affecting it	• 4	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Diseases affecting the effectiveness of respiratory volumes – nasal function	Introducing students to the function of the nose and the diseases affecting it	• 4	13

Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Pulmonary alveoli function .blood acidity -	Introducing students to the function of vesicles	• 4	14
Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Digestive system - mouth - .pharynx Esophagus - stomach Duodenum - small intestine - .large intestine - rectum	Introducing students to the function of the digestive system	• 4	15
10. Evaluation The decision					
Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly And editorial And reports Etc					
<ul style="list-style-type: none"> - Semester exam 40 marks - Final exam 60 marks 					

11. Sources Learning And teaching

Clinical Physiology - Dr. Dhafer R. Al-Yassin - Ministry of Health-1983	Prescribed books(required)Methodology that found
Gyton – Textbook – oxford publication London. Gh Green basic clinical physiology oxford publication-1976	Main references(Sources)
Barrett KE, Barman SM, Boitano S, Brooks HL. Gaming's Review of Medicine 23rd ed. McGraw Hill, Physiology Boston, 2010. Drake RL, Vogl W, Mitchell AWM. Gray's Anatomy for	Books And references The support Which(Recommended (scientific journalsreports ,

Students. Elsevier, Philadelphia, 2005.

References electronic, Locations Internet

1. Name Decision:	
Anatomy	
2. Code Decision	
TIDO 107	
3. Class/ Level :	
Second semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. Forms Attendance Available :	
presence	
6. Numbers Hours Academic(total) / Number Units (total :	
30 Practical hours + 30 theoretical hours / number of units 4	
7. Objectives decision	
<p>Learn about the general anatomy of the human body, see the mechanism of the organ system, and study all .types of tissues under the microscope</p> <p>The student will acquire the skill of how to take samples from all body organs</p> <p>The ability to know the differences between different body tissues and know the microscopic structure to help in studying all cases of abnormal tissue for the .patient</p>	Objectives of the academic subject
8. The strategies of education	

<p>Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy - Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples</p>	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anatomical directions: giving indication of all directions of the human body	Introducing students Anatomical trends of the human body	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Superficial anatomy of the heart: Description of the position of the heart according to the chest wall and the number of ribs.	Introducing students Anatomy of the heart in the human body	• 4	2

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Superficial anatomy of the lungs: Description of the position of the lungs according to the chest wall and the number of ribs.	Introducing students Anatomy of the lungs of the human body	• 4	3
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Anatomy of the abdominal surface: We draw the abdominal surface areas according to horizontal and vertical lines.	Introducing students Anatomy of the abdominal surface of the human body	• 4	4
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anatomy of the stomach: We explain the relationship of the stomach to other organs in the abdomen.	Introducing students Anatomy of the stomach to the human body	• 4	5
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anatomy of the liver and spleen: We show them the areas of the liver and spleen according to the anatomy of the superficial aspect of the abdomen.	Introducing students Anatomy of the liver and spleen of the human body	• 4	6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Anatomy of the intestine: We show the relationship of the intestine to other organs, including the abdomen.	Introducing students Anatomy of the intestines of the human body	• 4	7
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically	Anatomy of the appendix: We determine the area of the appendix in the right iliac region.	Introducing students Anatomy of the human appendix	• 4	8

	laboratory				
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anatomy of the gallbladder: The gallbladder area is identified in the right subcostal region	Introducing students Anatomy of the gallbladder in the human body	• 2	9
,Reports Assignments, theoretical exams Oral and written And a chapter	Blackboard slides Education PowerPoint Electronic experimentation laboratory	We determine the uterine area in the suprapubic area.	Introducing students Anatomy of the uterus to the human body	• 2	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Anatomy of the skeleton: Central half of the skeleton: skull – spine and peripheral.	Introducing students Anatomy of the human skeleton	• 4	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Shoulder bones: We show the shoulder bones on the skeleton, which are the shoulder blade and the clavicle	Introducing students Anatomy of the shoulder bones of the human body	• 4	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation	Arm Bones: We show the bones of the arm (humerus)	Introducing students Anatomy of the arm bones of the human body	• 4	13

	laboratory				
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Forearm bones: We show the forearm bones: (ulna (and radius.	Introducing students Anatomy of the forearm bones of the human body	• 4	14
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Hand Bones: We show the bones of the hand: (carpal bones, metacarpals, and (phalanges.	Introducing students Anatomy of the hand bones of the human body	• 4	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example
Preparation Daily And exams Daily And oral and monthly a nd editorial and reports Etc

- Semester exam 40 marks
- The final exam 60 marks

11. Sources Learning And teaching

Principles of anatomy for students of health professions institutes, Dr. Abdul Rahman Mahmoud Al-Rahim / Ministry of Health 1983.	Prescribed books(required)Methodology that found(
Atlas of anatomy (Grantes) / 1998. Kingham anatomy – Oxford – London / 1987	Main references(Sources)
Drake RL, Vogl W, Mitchell AWM. Gray's Anatomy for Students. Elsevier, Philadelphia, 2005.	Books And references The support Which ,Recommended (scientific journals reports ,
	References electronic, Locations Internet

1. Name Decision:	
Clinical Chemistry	
2. Code Decision	
IMA 113	
3. Class/ Level :	
Second semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. Forms Attendance Available :	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 Practical hours + 30 theoretical hours / number of units 4	
7. Objectives decision	
<p>Learn about clinical chemistry, its principles, and its importance in the field of medicine</p> <p>View clinical chemistry laboratories and the type of .equipment used in them</p> <p>. chemical analysis</p> <p>Preparing students to determine the normal levels of chemical compounds in the blood</p> <p>Enable the student to identify the variables that can occur to chemical compounds in abnormal situations</p> <p>The ability to diagnose various diseases based on changes that occur in the levels of these compounds in the blood and other body fluids</p> <p>Ability to use equipment used in clinical chemistry laboratories</p>	<p>Objectives of the subject Academic</p>
8. Strategies Education And learning:	

Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples	<p style="text-align: center;">Strategies Education</p> <p style="text-align: center;">Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Elements that make up the human body - water - functions of water - water balance in the human body Standardization and international standard) unitsSI units are the (units of measurement used in clinical chemistry	Introducing students to the elements that make up the body	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Introduction to analytical chemistry - methods of expressing solution concentrations - molar concentration - standard concentration - percentage concentration - methods of diluting and preparing laboratory solutions	Introducing students to the molar concentrations of solutions	• 4	2
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Hydrogen concentration (pH) - The importance of pH in the human body - pH concentration of blood - Buffer solutions- their properties and methods of preparation	Introducing students to buffer solutions and hydrogen concentrations	• 4	3

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Analysis methods used in clinical chemistry laboratories - qualitative analysis - quantitative analysis - types of quantitative analysis	Introducing students to methods of qualitative and quantitative analysis in clinical chemistry	• 4	4
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Chromatography - Types of chromatic analysis - Beer's law - Beer-Lambert's law - Standard solution	Introducing students to chromatography methods and standard solutions in clinical chemistry	• 4	5
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Definition of biochemistry - Definition of clinical chemistry - Body fluids and their importance in conducting clinical chemistry examinations - Secretion - Collection of secretions and methods of preserving them - Formation of secretions in the human body - The normal rate of secretion of secretions - Definition of abundance of secretions - Definition of scarcity of secretions - Definition of lack of secretions	Introducing students to methods of analyzing urine and body fluids in clinical chemistry	• 4	6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Natural and abnormal components of urine - analysis of general urine - clinical importance - urinary system stones and their types - and the causes of their formation	Introducing students to methods of blood and urine analysis in clinical chemistry	• 4	7

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Blood - blood collection - blood plasma - blood serum the difference between - plasma and blood serum and how to obtain each of them - anticoagulants - the most important types of anticoagulants used in clinical chemistry - sedimentation of blood proteins - the purpose of sedimentation of blood proteins when performing some clinical chemistry tests - The most important blood protein precipitants used in the field of clinical chemistry	Introducing students to methods of analyzing blood, blood proteins, and anticoagulants in clinical chemistry	• 4	8
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Electrolytes - the importance of electrolytes in the human body - types of electrolytes - sodium - its metabolism - its function - its clinical importance - potassium - its metabolism its function - its clinical - importance - chloride - its metabolism - its function - its clinical importance	Introducing students to the types of electrolytes and their importance in the human body	• 4	9
,Reports Assignments, theoretical exams Oral , written and quarterly	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Calcium - its metabolism - its function - its clinical importance - Phosphorus - its metabolism - its function its clinical importance - - Iron - its metabolism - its function - its clinical importance	Introducing students to the importance of calcium and its function in the human body	• 4	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Carbohydrate compounds - their sources - classification - glucose sugar - glucose metabolism - blood glucose level - factors that maintain blood glucose level - clinical importance of glucose - renal threshold and urine glucose level	Introducing students to the types of carbohydrate compounds and their importance in the human body	• 4	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments	Diabetes - alternative energy - sources of its formation - ketone bodies blood acidification -	Introducing students to diabetes and ketone bodies in the human body	• 4	12

	electronically laboratory				
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Glucose tolerance test - preparing the patient for the test - the most important glucose tolerance charts - normal chart - diabetes chart - poor storage process chart flat chart - diabetes urine - chart	Introducing students to the diagram of glucose and urine in the human body	• 4	13
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Fats - their classification - fat metabolism - fats in blood plasma - fatty acids	Introducing students to the types of fats and their importance in the human body	• 4	14
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Cholesterol - chemical formula - presence of cholesterol - cholesterol metabolism - biosynthesis of cholesterol - function of cholesterol in the human body - clinical importance of cholesterol	Introducing students to the types of cholesterol and their importance in the human body	• 4	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly and editorial and reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching	
Herbert Fromm and Mark Hargrove, Essentials of Biochemistry, 2012	Prescribed books(required)Methodology that found
<ol style="list-style-type: none"> 1) Chemistry Clinical / Muhammad Fathi Al-Hawari / Authority education Technical 2) Bound Chemistry Clinical / Muhammad symbolic Al-Omari / Authority education Technical 3) Chemistry Clinical Practical / Muhammad symbolic Al-Omari / Authority education Technical 4) Chemistry General / correct slave God - Hana Salman - Maysoon Suleiman / Authority education Technical 5) the control Quality For students Vsm Pharmacy / Mr Mohammed Abu Zaid / Authority education Technical 6) Devices Laboratory And the pharmacist / master Mohammed Abu Zaid / Authority education Technical 70 7) Chemistry Analytical / Dr . I will prostrate slave Al-Hamid / Authority education Technical 	Main references(Sources)
Jacob Anthikad, Nutrition and Biochemistry for Nurses, 1st Ed., 2009 . Jaroslav Racek and Daniel Radja, Clinical Biochemistry, first ed, 2016	Books And references The support Which ,Recommended (scientific journals reports ,(
	References electronic, Locations Internet

1. Name Decision:	
Microbiology	
2. Code Decision	
IMA 114	
3. Class/ Level :	
First semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. forms Attendance Available :	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 Practical hours + 30 theoretical hours / number of units 4	
7. Objectives decision	
<p>Identify different microorganisms (germs, Parasites, viruses and fungi) and diseases resulting from these microorganisms</p> <p>Learn about the different techniques for isolating bacteria from clinical samples, as well as preparing culture media .and sterilization methods</p> <p>Learn about sterilization and disinfection methods to get rid of microorganisms</p> <p>Learn about methods of treatment and prevention of The ability to diagnose bacteria, parasites and .diseases other disease-causing microorganisms</p> <p>Preparing students to conduct antibiotic sensitivity tests</p>	Objectives of the subject Academic
8. Strategies Education And learning:	

<p>Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic</p> <p>-Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples</p>	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Classification of microorganisms: fungi, algae, protozoa, bacteria, mycoplasma, viruses, rickettsia.	Students learn about the classification of microscopic organisms	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	General structure of bacteria: bacterial structure, cell wall, cytoplasmic membrane capsule, protoplasm including cytoplasm and nucleus. Comparison between prokaryotic cell and eukaryotic cell.	Students learn about the general structure of bacteria	• 4	2
,Reports Assignments, oral and written theory exams	Blackboard PowerPoint slides E-learning Conduct experiments laboratory	Bacterial spores: Types of spores that are resistant to environmental conditions	Students learn about the types of germs that are resistant to environmental conditions	• 4	3
,Reports Assignments, oral and written theory	Blackboard PowerPoint slides E-learning Conduct	Environmental conditions affect the growth of bacteria: oxygen ,temperature, humidity PH light, osmotic ,	Students learn about the environmental conditions that affect bacterial growth	• 4	4

exams	experiments laboratory	pressure, and culture medium. Stages of bacterial growth: lag phase, log phase, stationary phase, and decline phase.			
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Inhibiting bacterial growth: sterilization and disinfection.	Students learn about physical and chemical disinfection and sterilization agents	• 4	5
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Sterilization by radiation, filtration, and chemical sterilization.	Students learn about disinfection, radiation sterilization, and other factors	• 4	6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Medical bacteria: Staphylococcus aureus, general characteristics, toxins, treatment of pathogenesis.	Students learn about bacteria Staphylococcus	• 4	7
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	s.viridans bacterias.faecalis , s.pyogenes general , structure, culture media, methods . pathogenicity Streptococcus pneumoniae bacteria : general structure, diseases, treatment.	Students learn about bacteria Streptococci	• 4	8
,Reports Assignments, theoretical exams Oral And editorially	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	group of bacteria : general structure, meningococci, general structure, disease. Mycobacteria: - Types of Mycobacterium tuberculosis, general structure, culture, resistance, culture media , pathogen, definition, treatment. Mycobacterium leprae: general characteristics, pathogenesis, diagnosis, treatment.	Students learn about Neisseria bacteria	• 4	9

,Reports Assignment s, theoretical exams Oral , written and quarterly	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	(anaerobic): general bacteria characteristics, Clostridium tetani: description, disease factors that promote growth in wounds, prevention and treatment.	Students learn about anaerobic clostridium bacteria	• 4	10
,Reports Assignme nts, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentati on laboratory	Clostridium gas gangrene: description, disease, treatment, food poisoning, toxins secreted in foods, symptoms, treatment. Bacillus anthracis, description, disease, treatment	Students learn about the anaerobic bacterium Clostridium	• 4	11
,Reports Assignme nts, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentati on laboratory	Types of intestinal bacteria, medical importance, general characteristics, identification of culture media . Enteropathogenic bacteria, Salmonella group, Salmonella typhi, Salmonella paratyphi, Salmonella typhimurium. Symptoms of poisoning and treatment	Students learn about the types of intestinal bacteria	• 4	12
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentati on laboratory	Shigella, disease, treatment, food poisoning, symptoms, proteus bacteria , description, culture media	Students learn about shigella bacteria	• 4	13
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Brucella, general diagnosis , disease, prognosis, treatment. Bordetella description, morphology , culture media , disease and treatment.	Students learn about Brucella bacteria	• 4	14

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	bacteria , general characteristics, disease, general characteristics , treatment	Students learn about cholera bacteria	• 4	15
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10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly a ndeditorial andreports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

<p>Medical microbiology / Dr. Mahdi Al-Sammak / Ministry of Health - 1983</p>	<p>Prescribed books(required)Methodology that found</p>
<p>Review of medical microbiology 14t Edition Tawetz, Ji Melnigk, E, A. Adelberg. 1980.</p> <p>Richard A. Harvey, Pamela C. Champe & Bruce D. Fisher 2007: Lippincott's Illustrated Reviews: Microbiology, 2nd edition. Lippincott Williams & Wilkins co. USA.</p> <p>Katherine N. Ward, A. Christine McCartney & Bishan Thakker 2009: Notes On Medical Microbiology, 2nd edition. Churchill Livingstone Elsevier. UK.</p> <p>Marjorie Kelly Cowan & Kathleen Park Talaro 2006: Art Notebook “Microbiology”, 1st edition. The McGraw-Hill Companies Inc., USA.</p>	<p>Main references(Sources)</p>
<p>A short text book of medical microbiology By, Satish Guptr, Endia - 1987.</p> <p>Morello, Mizer & Granato 2006: Laboratory manual and Workbook in Microbiology “Application to patient care”, Eighth edition. The McGraw-Hill Companies Inc., USA.</p>	<p>Books And references The support Which(Recommended (scientific journals reports</p>
	<p>References electronic, Locations Internet</p>

1. Name Decision:	
Principles of first aid	
2. Code Decision	
IMA 110	
3. Class/ Level :	
First semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. forms Attendance Available:	
presence	
6. numbers Hours Academic 6(total) / Number Units (total) :	
Practical hours + 30 theoretical hours / number of units 4 30	
7. Objectives decision	
Providing the student with general information about first aid, Its components, tools and system Knowledge of the mechanics of injuries, external trauma , bleeding and its types, epilepsy and its types and its causes Enabling the student to know the symptoms and signs of cardiac arrest, the clinical examination of sudden death, and .the symptoms of cardiogenic shock and chronic heart failure	Objectives of the subject Academic
8. Strategies Education And learning:	

Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples	<p style="text-align: center;">Strategies Education</p> <p style="text-align: center;">Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Introduction to first aid and the emergency medicine system(EMS).	Students learn about the principles of first aid	• 4	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	System components Emergency medicine Management, policy, organization and equipment	Students learn about the components of a system Emergency medicine	• 4	2
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	First aid kit and tools; Shape, appearance, airway contents, breathing etc., improvised uses, workplace first aid kits, and historical first aid kits.	Students learn about first aid kits and tools	• 4	3

<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Ambulances, transportation, working with hospital staff, working with public safety agencies.</p>	<p>Students learn about transportation and ambulances</p>	<p>• 4</p>	<p>4</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>The emotional aspect of emergency care, death and dying, the grieving process, coping with the patient and family members, primary care of the dying patient, and critically ill patients.</p>	<p>Students learn about the emotional side of emergency care</p>	<p>• 4</p>	<p>5</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Physical signs of death, hypothetical signs of death, final signs of death, medical examination cases.</p>	<p>Students recognize the physical signs of death</p>	<p>• 4</p>	<p>6</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Anxiety, pain, fear, hostility, depression, and receiving bad news</p>	<p>Students learn about the emotional side of emergency care</p>	<p>• 4</p>	<p>7</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Infectious diseases (modes of transmission), risk reduction and prevention system And personal protection.</p>	<p>Students learn about the methods of transmission of infectious diseases</p>	<p>• 4</p>	<p>8</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Shocks , kinetic theory of shocks</p>	<p>Students learn about types of trauma</p>	<p>• 4</p>	<p>9</p>

,Reports Assignments, theoretical exams Oral , written and quarterly	Blackboard slides Education PowerPoint Electronic experimentation on laboratory	Bleeding, its types, causes and treatment.	Students learn about bleeding, its types and causes	• 4	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation on laboratory	Blood clots, their types, causes and management.	Students learn about the types and causes of blood clots	• 4	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation on laboratory	Injuries, soft tissue injuries, eye injuries, facial and throat injuries.	Students learn about types of injuries and soft tissue injuries	• 4	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation on laboratory	Chest injuries, abdominal injuries, stones, head and spine injuries.	Students learn about the types of chest injuries and abdominal injuries	• 4	13
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Heart structure, circulatory function, and arteriosclerosis.	Students learn about the structure of the heart and circulatory function	• 4	14
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation on laboratory	Heart attack, signs and symptoms of a heart attack, physical consequences of sudden death, cardiogenic shock.	Students learn about the signs and symptoms of a heart attack	• 4	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly

- Semester exam 40 marks
- Final exam 60marks

11. Sources Learning And teaching

Public Health -Dr. Khader Daoud Suleiman, Dr. Muhammad Youssef Ministry of Higher Education and Scientific Research / University of Mosul 1988	Prescribed books(required)Methodology that found
First Aid for the USMLE Step 1- Tao Le, Vikas Bhushan, Matthew Sochat, Yash Chavda, Andrew Zureick - 2020	Main references(Sources)
Emergency First Aid: Recognition and Response to Medical Emergencies- American College of Emergency Physicians (ACEP) – 2016 The Complete First Aid Pocket Guide - John Furst - 2018	Books And references The support Which ,Recommended (scientific journalsreports ,
	References electronic, Locations Internet

1. Name Decision:	
Computer application 1	
2. Code Decision	
NTU102	
3. Class/ Level :	
First semester /level one	
4. Date Preparation This the description:	
4/4/2024	
5. forms Attendance Available:	
presence	
6. numbers Hours Academic (total) / Number Units (total) :	
15 Practical hours + 15 theoretical hours / number of units 2	
7. Objectives Decision	
<p>The student must be able to deal with a computer, be familiar with its use, and understand how to use its software. The ability to work on a calculator and Internet principles in the field of specialization</p> <p>Aim to this The decision to study Programs Windows, Microsoft Word and training the student to use Its basics And his tools that serve Student for . years Coming in all Domains Academic and practical</p>	<p>Objectives of the subject Academic</p>
8. Strategies Education And learning:	

Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic -Strategy Study - Strategy Conclusion - Strategy Practice Divergent strategy Switch Between Strategic ideas for presenting examples	<p style="text-align: center;">Strategies Education</p> <p style="text-align: center;">Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	An introduction to computers: their generations - their components: hardware and software- system) software and application .(programs	Students learn about the types of computers and their generations	• 2	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	MS-DOS operating system : The concept of the operating system - the system signal - disks - directories, their levels and files - internal operating system commands- and external commands the most) commonly used .(commands	Students learn about the MS-DOS operating system	• 2	2
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Internal operating system : commands Internal commands : Dir – Del – Time – Date – Cls – RD – CD – MD – Echo – Ren – Copy – Vol – Ver – Path.	Students learn about internal operating system command types	• 2	3

<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Windows operating system The concept of the : Windows system its - advantages - its basic operating requirements - components the system - of the main desktop screen - the concept of the icon - the method of dealing with the mouse activities - importance and components of the Task Bar- using Start to enter programs - the concept of tasks Loaded – Exit the system and turn off the calculator Shut Down .</p>	<p>Students learn about the Windows operating system</p>	<ul style="list-style-type: none"> • 2 	<p>4</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>The concept of the window for any program and learning about its main components - dealing with desktop icons) such as My Computer - My Documents - Recycle Bin (</p>	<p>Students learn about the concept of a window for any program and learn about its main components</p>	<ul style="list-style-type: none"> • 2 	<p>5</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Identifying the components of My Computer in terms of disks - folders and files - how to deal with - formatting floppy disks - copying folders and files - taking advantage of cutting and pasting and knowing the properties of disks, folders and files - dealing with the trash and how to delete and retrieve files through what the trash . provides in this the side</p>	<p>Students learn about the components of My Computer</p>	<ul style="list-style-type: none"> • 2 	<p>7</p>
<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>Taking advantage of the Control Panel programs, such as the Mouse icon and the Display icon , how to change the desktop wallpaper, control the screen saver, and change the appearance and colors of window menus - the Add - Remove program icon in adding and deleting .programs</p>	<p>Students learn about Windows system icons</p>	<ul style="list-style-type: none"> • 2 	<p>7</p>

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Take advantage of the Run option to execute programs directly, as well as switch to the MS-DOS operating system signal and deal with its commands	an Students learn about option Run	<ul style="list-style-type: none"> • 2 	8
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Use entertainment programs such as Window media player .to play movies	Students recognize the icons of entertainment programs	<ul style="list-style-type: none"> • 2 	9
,Reports Assignment s, theoretical exams Oral and written And a chapter	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Take advantage of additional programs such as the . Calculator	Students are introduced to additional software such as a calculator	<ul style="list-style-type: none"> • 2 	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Working with the Paint program to create, save, and retrieve drawings through the commands it provides	Students learn how Dealing with the drawing program	<ul style="list-style-type: none"> • 2 	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	the NotePad and WordPad notes window in writing, saving, retrieving, printing, and changing the printing style and formatting of .texts	Students learn how Working with the Notes window	<ul style="list-style-type: none"> • 2 	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Learn how to get help and its different methods	Students learn how Dealing with the assistance program	<ul style="list-style-type: none"> • 2 	13

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	The concept of computer viruses: how to become infected - their types, treatment, and dealing with them through anti-virus programs available within the Windows operating system . environment	Students learn how Dealing with viruses	• 2	14
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Conducting experiments electronically laboratory	Dealing with the trash and how to delete and retrieve files through what the trash .provides in this aspect	Students learn how Dealing with trash	• 2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example
Preparation Daily And exams Daily And oral And monthly and editorial and reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Structure and Interpretation of Computer Programs- Harold Abelson, Gerald Jay Sussman, Julie Sussman – 1985.	Prescribed books(required) Methodology that found
Introduction to the Theory of Computation - Michael Sipser - 1996	
Computer Organization and Design: The Hardware/Software Interface - David A. Patterson, John L. Hennessy - 1994	Main references(Sources)
Operating System Concepts - Abraham Silberschatz, Peter B. Galvin, Greg Gagne - 1983	Books And references The support Which Recommended (scientific journals , reports)
https://www.microsoft.com/software-download/windows11	References electronic, Locations Internet

9. Structure The decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
,Reports Assignments, theoretical exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Roots of basic words	Students learn information About Roots of words	2	1
,Reports Assignments, theoretical exams Oral and written semi - terms And a chapter	Blackboard slides powerpoint e-learning	Word roots, suffixes and prefixes	Students learn the details Additional About word roots, suffixes and prefixes related to science Pharmaceuticals) taught Natural medicines , Pharmacy clinical, Teach .Pharmacy, etc)	2	2
,Reports Assignments, theoretical exams Oral and written semi - terms And a chapter	Blackboard slides powerpoint e-learning	Basic anatomical terms and abnormal conditions	Students get to know Describe the important medical term for the abnormal condition.	2	3

,Reports Assignments, theoretical exams Oral and written semi - terms And a chapter	Blackboard slides powerpoint e-learning	Genital organs and urinary tract	Students recognize the description The term Important medical For both devices Kidney And reproductive.	2	4
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,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Digestive	Students recognize the description The term Medical The important thing for the device Digestive.	2	5
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Heart and cardiovascular system	Students recognize the description The term Important medical device used in The device My heart Vascular.	2	6
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Symptoms, diagnosis, treatments, contact qualifications and .statistics	Students recognize the description The term Important medical field And treatment.	2	7
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Growth and development	Students get to know Description The term Medical The important thing To grow And development .	2	8
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Women disease	Students recognize the description The term Important medical aspect of gynecology And pregnancy And childbirth.	2	9
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	the eyes	Students recognize the description The term Medically important for eye conditions And dissect it.	2	10

,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard PowerPoint slides Education Electronic	Nervous system	Students recognize the description The term Important medical In The device Nervous And disturbances Behavior.	2	11
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Blood and immunity	Students become familiar with the term Medical The important thing In Blood And immunity.	2	12
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Bones and joints	Students become familiar with the term Medical The important thing For bones And the joints.	2	13
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Blood and immunity	Students become familiar with the term Medical The important thing In Blood And immunity.	2	14
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Respiratory system	Students become familiar with the term Medical for the respiratory system	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly a ndeditorial andreports Etc

- Semester exam 30 marks
- Final exam 70 marks

11. Sources Learning And teaching

Edward C.C., (Ed.); A Short course in Medical Terminology; Latest edition; Lipincott Williams and Wilkins .	Books The decision(required)Methodology that found(
The Language of Medicine -11th Edition by Davi- Ellen. ISBN:9780323370813	Main references(Sources)
<ul style="list-style-type: none"> • Barbara A. Gylys, Regina M. Masters. Medical terminology simplified : a programmed learning approach by body systems; Latest edition. • Barbara Janson Cohen, Ann DePetris. Medical terminology: an illustrated guide; Latest edition • Pharmacytimes (journal) 	Books And references The support Which Recommended With it (journals scientific, Reports)
	References electronic, Locations Internet

1. Name Decision:

Humam rights and Democracy

2. Code decision

NTU 100

3. Class/ Level :

First semester /level one

4. Date Preparation This Description:

2023/10/1

5. forms Attendance Available:

presence

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Repeat An idea Freedom/ First:Basic freedom or Individual/ . Freedom 1 Security and a sense of reassurance/ . Freedom 2 Go And back) Transportation(/ . 3 Freedom, inviolability of home and private life/ . 4 Freedom Secret Correspondence Personality	Students learn about the concept of the idea of freedom	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Freedom Intellectual and cultural/ - Freedom Education 1/ - 2 Freedom To gather/ - Freedom 3 Worship And the doctrine/ - Freedom 4 Opinion And expression / freedom Political	Students learn about the concept of freedom Intellectual and cultural	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Filtering in Elections - right Voting2 1- Right 3Elections Periodicity- 4 rights Criticism The government	Students learn about the concept Filtering in Elections	2	5

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	- Freedom Formation 2 Associations And joining To her- 3 Freedom Formation Unions And joining To her:	Students learn about the concept Freedom Formation Associations And unions	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Exam MD	Students take the exam	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Freedom Economic And social - Freedom Practical2 1- Freedom Ownership- 3 Freedom Trade And industry	Students learn about the concept Freedom Economic And social	2	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	- Freedom Guarantee 4 Social and care health/ Democracy	Students learn about the concept Freedom Guarantee Social and social security	2	9

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Democracy in Iraq	Students learn about the concept Democracy in Iraq	2	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Election The association Nationalism Iraqi transitional	Students learn about the concept Election The association Nationalism	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Goals Democracy	Students learn about the concept of the goals of democracy	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Shapes Democracy/ non- democracy directly/Democracy Shaba Directly	Students learn about the concept Shapes Democracy	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	People's participation In Work Legislative/The proposal Popular/ Referendum Popular	Students learn about the concept People's participation In Legislative work	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Types referendum/ Damage Referendum year/The solution Popular	Students learn about the concept Types Referendum	2	15

10. Evaluation The decision

Distribution Degree From 100 On According to Tasks The taxpayer With it The student For example Preparation Daily And exams Daily And oral Andmonthly and editorial andreports Etc

Smester exam 30 marks

Final exam: 70 marks

11. Sources Learning And teaching

Freedoms Public And democracy/Lectures University Al-Mustansiriya / University of Babylon

Books The decision(required)
Methodology that found(

Democracy and Human Rights - Ahmed Al-Sayed Atta - 2015 Human Rights and Democracy in the Arab World - Hatem Al-Meligy 2010 -	Main references(Sources)
Human Rights in Islam and International Humanitarian Law - Muhammad Al-Shaiba - 2007	Books And references The support Which Recommended With it (journals scientific, Reports)
	References electronic, Locations Internet

1. Name Decision:
Language Arabic
2. Code decision
NTU 103
3. Class/ Level :
First semester /level one
4. Date Preparation This Description:
4/4/2024
5. Forms Attendance Available :
presence
6. numbers Hours Academic(total) / Number Units (total) :
30 theoretical hours / number of units 2
7. Objectives Decision

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The opposite And Za and	-Definition Students Using The correct rule For the opposite And Za and In Arabic.	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	writing The whisper H	-Definition Students By one Most important Methods Arabic. Writing the hamza	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Signs Numbering	Definition Students By one Most important Methods Arabic. punctuation marks	2	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The noun, the verb, and the difference between them	Definition Students By one Most important Methods Arabic. Noun and verb	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Effects	Definition Students By one Most important Methods Arabic. Effects and actions	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	the number	Definition Students By one Most important Methods Arabic. preparation	2	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Applications of common linguistic errors 1	Definition Students Linguistic errors in the Arabic language	2	9

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Applications of common linguistic errors 2	Definition Students Linguistic errors in the Arabic language	2	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The nun And the intention Meanings letters Traction	Definition Students By one Most important Methods Arabic. Prepositions	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Aspects Formalism For speech Management Y	Definition Students By one Most important Methods Arabic. The form of the administrative letter	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	language the speech Management Y 1	Introduce the students to one The most important methods of Arabic. The language of administrative discourse	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	language the speech Management Y 2	Introduce the students to one The most important methods of Arabic. The language of administrative discourse	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Forms from Correspondence Administrative	Introduce the students to someone The most important methods of Arabic. The language of the administrative correspondence model	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily
 And exams Daily And oral And monthly
 And editorial And reports Etc

-Semester exam: 30 marks
 Final exam 70 marks

11. Sources Learning And teaching

Basic rules in the Arabic language - Muhammad Hussein Al-Masoumi - 2008	Prescribed books(required)Methodology that found(
Introduction to Arabic linguistics. Abdullah Al-Taie . 2015 Contemporary Arabic Literature- Muhammad Muhammad Hussein- 2010	Main references(Sources)
Abdul Rahman Al-Fawzan - 2016 - Arabic grammar, first level	Books And references The support Which Recommended (scientific journals , reports) (
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:
Language English
2. Code decision
NTU101
3. Class/ Level :
First semester /level one
4. Date Preparation This Description:
4/4/2024
5. Forms Attendance Available :
presence
6. numbers Hours Academic(total) / Number Units (total) :
30 theoretical hours / number of units 2
7. Objectives decision

<p>1- The goal Basic Language English that He can Students learn about the basics of the English language and its general rules-</p> <p>2- Recognition On the way to conversations .</p> <p>And quote medical conversations</p> <p>3 - Study Some Texts And the pieces Literary Fame</p> <p>4- Study Rules Writing And dictation Sound .</p>	<p>Objectives of the subject Academic</p>
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8. Strategies Education And learning:

<ul style="list-style-type: none"> Strategy Storm Mental. - Strategy Discussion - . Self-learning - strategy strategy - Education - Electronic - Memory strategy - Strategy Deduction Ideas. - Strategy Provide examples. - 	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Definition of basic English terms.	Definition Familiarize students with basic English terms	2	1
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	English language: How many three units are there in the English language?	Definition Students in the number of three units in the English language.	2	2

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The eight parts of speech.	Definition Students Using The rule The correct health For parts of speech.	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Parts of speech2.	Introducing the students Using the correct rule for parts of speech	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	conversation	Instructing students to use the correct rules of conversation	2	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Sections of verbs	Students' knowledge of using verbs	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Verbs of being 1	Students' knowledge of using being and future verbs	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Verbs of Being 2	Students' knowledge of using being and future verbs	2	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Prepositions 1	Students' knowledge of using prepositions	2	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Prepositions 2	Students' knowledge of using prepositions	2	10

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	punctuation marks	Students' knowledge of using punctuation	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Simple past tense	Students familiarize themselves with the use of past tense verbs	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Past simple continuous tense	Students familiarize themselves with the use of past tense verbs	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Past Perfect	Students familiarize themselves with the use of past tense verbs	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Wholesale types	Familiarize students with using different types of sentences	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly and editoria and reports Etc

- . The semester exam is 40 marks -
- . The final exam is 60 marks

11. Sources Learning And teaching

The Practice of English Language Teaching” (Jeremy Harmer).1983
Approaches and Methods in Language Teaching. Jack C. Richards and Theodore S. Rodgers. 2001

Prescribed books(required)Methodology that found(

Using English Grammar, Raymond Murphy - 1985	Main references(Sources)
Longman Dictionary of Modern English. 2014	books And references The support Which ,Recommended (scientific journals reports ,
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:
Sports
2. Code decision
NTU104
3. Class/ Level :
Second semester /level one
4. Date Preparation This Description:
4/4/2024
5. Forms Attendance Available :
presence
6. numbers Hours Academic(total) / Number Units (total) :
15 theoretical hours / number of units 2
15 working hours
7. Objectives Decision

<p>1- Communicating information, knowledge, and mathematical skills to students at different academic levels</p> <p>2- Innovation, careful observation, planning , criticism and comparison in school physical education lessons and activities</p> <p>3- Creating a safe and healthy environment for learners to ensure effective learning</p> <p>4- Applying various evaluation methods to follow up and develop the school sports program and ensure that its goals are achieved</p> <p>5-Active and positive interaction with the community environment surrounding thework</p> <p>6- Knowing the role of physical education and movement and - sports activities in establishing and consolidating social traditions and norms</p>	<p>Objectives of the subject Academic</p>
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8. Strategies Education And learning:

<p>Strategy Explanation of study materials by academic staff</p> <ul style="list-style-type: none"> - Strategy Knowledge Through homework assignments for academic vocabulary <p>Strategy Discussion. Self-learning strategy Strategy Education Electronic</p> <p>Memory strategy Strategy Deduction Ideas. Strategy Providing examples and visiting the library and websites.</p>	<p>- Strategies Education</p> <p>-</p> <p>- Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	The week
,Reports Assignments, theoretical exams Oral and written semi -terms And a	Blackboard slides Education PowerPoint Electronic	Sport: its definition, importance and types	Introducing the students Defining sports and its importance	2	1

chapter					
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Mechanism of human body movement	Knowledge Kinds of sports	2	2
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Common sports injuries	Introducing the students The types of injuries that people are exposed to	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	basketball skills	Introducing the students Types of basketball skills	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	International law of basketball	Introducing the students By the laws of the game	2	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic skills of table tennis and its international law	Students' knowledge of the types of tennis skills	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic skills of the game of volleyball and its international law	Students' knowledge of the laws of the game	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	swimming sport	Students' knowledge of swimming skills	2	8

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic skills of tennis and its international law	Students' knowledge of the laws of the game	2	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic skills of handball	Students' knowledge of handball skills	2	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	International law of handball	Students' knowledge of the laws of the game	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Arena and field games (types , international law of (the game	Students' knowledge of arena and field skills	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic soccer skills	Students' knowledge of football skills	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Managing sports competitions and competitions	Students' knowledge of how to manage competitions	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Sports laws and legislation	Students' knowledge of sports laws and legislation	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly
And editorial And reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

basics : techniques, tactics and training. Michael Brindle and John Sobieski. 2017	Prescribed books(required)Methodology that found(
Sports Games . Mahmoud Abu Naeem / 2022	
Principles of sports science and fitness. Brennan Scott. 2018	Main references(Sources)
Principles of statistical analysis in sports. Dr.. David Al-Mawla. 2019	Books And references The support Which ,Recommended (scientific journals reports ,(
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:

Safety of laboratories and workshops

2. Code decision

TIDO 108

3. Class/ Level :

First semester /level one

4. Date Preparation This Description:

4/4/2024

5. Forms Attendance Available :

presence

6. numbers Hours Academic(total) / Number Units (total) :

30 theoretical hours / number of units 2

7. Objectives decision

chapter					
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Safety precautions when dealing with laboratory tools and chemicals	Introducing the students With safety precautions	2	2
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Safety precautions when completing laboratory work and storing and preserving materials	Introducing the students With safety precautions	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Fires and their types. And means to extinguish it	Introducing the students Fires and means of extinguishing them	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Fires and their types. And means to extinguish it	Introducing the students Fires and means of extinguishing them	2	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Personal protective equipment	Students' knowledge of personal protective equipment	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Chemical hazards and how to deal with them	Students' knowledge of chemical hazards and dealing with them	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Radiation hazards	Students' knowledge of radiation dangers and how to deal with them	2	8

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Biological hazards	Students' knowledge of biological hazards and how to deal with them	2	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Disposal of laboratory (medical) waste Use of warning signs in the laboratory	Students' knowledge of methods of disposing of medical waste and how to deal with it	2	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Disposal of laboratory (medical) waste Use of warning signs in the laboratory	Students' knowledge of methods of disposing of medical waste and how to deal with it	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	First aid in laboratories	Students' knowledge of first aid skills	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	First aid in laboratories	Students' knowledge of first aid skills	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Other environmental factors and their impact on safety and health (light, noise, (heat, humidity	Students' knowledge of how to deal with factors affecting health	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Safety in field studies	Students' knowledge of safety methods in field studies	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly
And editorial And reports Etc

- Semester exam: 30 marks
- Final exam 70 marks

11. Sources Learning And teaching

Laboratory Safety for Chemistry Students. Robert H. Hill Jr. and David C. Finster.2016 Laboratory Safety: Principles and Practices. Neal Langerman.2017	Prescribed books(required)Methodology that found(
Laboratory Safety: Theory and Practice . Robert H. Hill Jr. 2017	Main references(Sources)
Chemical Laboratory Safety and Security: A Guide to Developing Standard Operating Procedures. Division on Earth and Life Studies and National Research Council.2010 Safety in the Biology Lab. Bob Farber.2010	Books And references The support Which ,Recommended (scientific journals reports ,(
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:

Communication skills

2. Code decision

IMA 115

3. Class/ Level :

Second semester /level one

4. Date Preparation This Description:

4/4/2024

5. Forms Attendance Available :

presence

6. numbers Hours Academic(total) / Number Units (total) :

30 theoretical hours / number of units 2

7. Objectives decision

<p>1-Understanding the importance of communication skills in emergency and nursing practice.</p> <p>2- Develop effective communication skills with patients, colleagues and families.</p> <p>3- Identify non-verbal, verbal and written communication tools.</p> <p>4- Applying communication skills in various emergency and nursing contexts , such as therapeutic guidance, communicating with .families, and dealing with difficult cases</p>	<p>Objectives of the subject Academic</p>
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8. Strategies Education And learning:

<p>Strategy Explanation of study materials by academic staff</p> <p>Strategy Knowledge Through homework assignments for academic vocabulary</p> <p>Strategy Discussion. Self-learning strategy</p> <p>Strategy Education Electronic</p> <p>Memory strategy</p> <p>Strategy Deduction Ideas.</p> <p>Strategy Providing examples and visiting the library and websites.</p>	<p>-</p> <p>Strategies Education</p> <p>-</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Communication skills tools and their types	Introducing the students Types of communication skills	2	1

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The importance of communication skills	Introducing the students The importance of communication skills	2	2
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Stages of communication skills and important tips for developing communication skills	Introducing the students Stages and tips on communication skills	2	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basic skills during the patient's medical interview	Introducing the students Communication skills during the patient interview	2	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Advanced skills during the patient medical interview	Introducing the students Advanced skills during patient interview	2	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Problems in communication skills in the medical field	Students' knowledge of equipment and problems in communication in the medical field	2	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Principles and rules for communication skills in the medical field	Students' knowledge of the principles and rules of communication skills	2	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Methods and types of communication skills to improve the health condition of patients	Students' knowledge of communication methods to improve the health condition of patients	2	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Psychological first aid	Students' knowledge of psychological first aid	2	9

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Principles of psychological first aid for patients	Students' knowledge of the methods and principles of psychological first aid	2	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Basics and techniques of effective communication skills with patients in emergency situations	Students' knowledge of effective communication methods and techniques in various emergency situations	2	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The use of technology in emergency situations and various emergency contexts	Students' knowledge of diverse emergency skills and contexts	2	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Communication skills with members of emergency teams and other medical centers	Students' knowledge of communication skills with individuals in the medical field and in different centers	2	13
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Communication skills with members of emergency teams and other medical centers	Students' knowledge of communication skills with individuals in the medical field and in different centers	2	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Staff assessment of communication skills and patient assessment	Students' knowledge of evaluation methods to give realistic and thoughtful results	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily
And exams Daily And oral And monthly
And editorial And reports Etc

- Semester exam: 30 marks
- The final exam 70 marks

11. Sources Learning And teaching

Communication Skills for Nurses . Claire Boyd.2017	Prescribed books(required)Methodology that found
Effective Communication Skills for Healthcare Professionals” by Philip Burnard.2017	Main references(Sources)
Therapeutic Communication for Health Care Professionals Cynthia Adams and Thuy Le. 2018	Books And references The support Which ,Recommended (scientific journals reports ,
Emergency Nursing: The Profession, the Pathway, the Practice. Kathryn White. 2017	
Nour Library To download Books Free.	References electronic, Locations Internet

Second stage courses

1. Course name	
Emergency nursing 1	
2 . Course code	
IMA 206	
3. Class/level	
First semester/second level	
4.The date this description was prepared	
2024/4/4	
5. Available attendance forms	
presence	
6.(Number of study hours () number of units (total	
30 practical hours + 30 theoretical hours / number of units 4	
7. Course objectives	
<p>Learn about the basics and principles of emergency management</p> <p>Knowing how to provide emergency service to a suffocating patient with upper respiratory tract distress or feeding tube obstruction, as well as other injuries such as paralysis and others</p> <p>Learn to administer treatments, inject therapeutic fluids, and learn about the complications resulting from them</p>	
8.Teaching and learning strategies	
Brainstorming strategy Teamwork strategy Discussion strategy Case study strategy Inductive teaching strategy Concept mapping strategy Actual field training strategy Self–education strategy learning strategy	Education strategies
Study strategy Conclusion strategy Spaced practice strategy Strategy for switching between ideas Examples strategy	Learning strategies

9. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	weeks
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Bandages, their types, evaluation before applying bandages, basic turns of rotating bandages.	Introducing students to the basics and principles of emergency management	4	1
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Bandages, their types, evaluation before applying bandages, basic turns of rotating bandages.	Introducing students to Types of bandages and methods of using them	4	2
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Blood gas analysis, intravenous fluid therapy, purposes, types of intravenous solutions.	Introducing students to Types of intravenous solutions and how to use them	4	3
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Blood gas analysis, intravenous fluid therapy, purposes, types of intravenous solutions.	Introducing students to Types of intravenous solutions and how to use them	4	4
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Stroke , definition of stroke , classification of stroke , pathophysiology of stroke , regulation of blood pressure.	Introducing students to Stroke and the pathophysiology of stroke	4	5
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Stroke , definition of stroke , classification of stroke , pathophysiology of stroke , regulation of blood pressure.	Introducing students to Stroke and the pathophysiology of stroke	4	6
Reports, assignments, oral	Blackboard,	Penetrating	Introducing students to	4	7

and written theory exams	PowerPoint slides, e-learning, conducting laboratory experiments	wounds to the chest, hemothorax and pneumothorax, rib fractures.	Penetrating chest wounds and rib fractures		
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Penetrating wounds to the chest, hemothorax and pneumothorax, rib fractures.	Introducing students to Penetrating chest wounds and rib fractures	4	8
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Oxygen therapy, nebulizer therapy.	Introducing students to Oxygen therapy and small nebulizers	4	9
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Oxygen therapy, nebulizer therapy.	Introducing students to Oxygen therapy and small nebulizers	4	10
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Arrhythmia, types of arrhythmia, nursing management of the patient suffering from arrhythmia.	Introducing students to Types of heart arrhythmia	4	11
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Arrhythmia, types of arrhythmia, nursing management of the patient suffering from arrhythmia.	Introducing students to Types of heart arrhythmia	4	12
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Treatment of blood and its components, blood transfusion techniques, complications of blood transfusion.	Introducing students to Types of blood transfusion techniques and treatment of blood and its components	4	13
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Treatment of blood and its components, blood transfusion techniques, complications of blood transfusion.	Introducing students to Types of blood transfusion techniques and treatment of blood and its components	4	14

Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Management of the burn patient, burn pathophysiology, systemic response, emergency phase of burn care.	Introducing students to Pathophysiology of burns	4	15
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10. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc

**The semester exam is 40 marks-
Final exam: 60 marks-**

11. Learning and teaching resources

	Prescribed books(required)Methodology that found
Fred, Community Medicine, 5th ED. London 1984. Kart Community Health Nursing Philadelphia 1981	Main references(Sources)
Bayer. M. Community health NURRSING In developing country Oxford - London 1976.	Books And references The support Which Recommended (,scientific journalsreports ,
	References electronic, Locations Internet

1. Name of the course

Critical care nursing

2. Course code

IMA 210

3. Class/level

First semester/second level

4. The date this description was prepared

2024/4/4

5. Available attendance forms

presence

6. Number of study hours (total) number of units (total

30 practical hours + 30 theoretical hours / number of units 4

7. Course objectives

Knowledge of the critical care nursing process and how to evaluate health conditions

Knowledge of some diseases such as diabetes, blood pressure, asthma and other diseases
Identifying the basic elements (mineral salts and fluids) in the body, how they are distributed, and knowing the vital balance

8. Teaching and learning strategies

<p>Brainstorming strategy Teamwork strategy Discussion strategy Case study strategy Inductive teaching strategy Concept mapping strategy Actual field training strategy Self-education strategy E-learning strategy</p> <p>Study strategy Conclusion strategy Spaced practice strategy Strategy for switching between ideas Examples strategy</p>	<p>Education strategies</p> <p>Learning strategies</p>
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9. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	weeks
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Critical thinking nursing process , health history, health assessment, database recording, prioritization	Knowledge of the critical care nursing process and how to evaluate health conditions	4	1
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Clinical interview and chief complaint , . History of illness	Introducing students to how to evaluate a patient's health condition	4	2
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Review the system and patient file	Introducing students to how to evaluate a patient's health condition and prepare a patient file	4	3
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning,	Physical assessment, physical examination, inspection,	Introducing students to how to evaluate a patient's health condition and prepare a patient file	4	4

	conducting laboratory experiments	palpation , auscultation.			
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Fluids and electrolytes, balance and disorders, homeostasis mechanisms, fluid volume disorders hypovolemia)).	Introducing students to Fluid volume disturbances and hypovolemia	4	5
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Chronic obstructive pulmonary disease (COPD)	Introducing students to Chronic obstructive pulmonary disease	4	6
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Electrocardiogram. Interpretation, procedure for obtaining an ,electrocardiogram ECG analysis	On Introducing students to ,an electrocardiogramECG	4	7
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Coronary atherosclerosis, angina, causes, signs and symptoms, diagnosis, management.	Introducing students to Coronary atherosclerosis, ,angina pectoris	4	8
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Myocardial infarction, causes, development, diagnosis, signs and symptoms, complications, management, cardiac arrest	Introducing students to myocardial infarction, ,cardiac arrest	4	9
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Pathophysiology of congestive heart failure, clinical manifestations, diagnosis, and management.	Introducing students to Pathophysiology of congestive heart failure	4	10
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Intestinal obstruction, obstruction of the small and large intestine, causes, diagnosis, medical and surgical treatment.	Introducing students to Obstructive bowel disease, obstruction of the small and large intestine	4	11
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning,	Nursing management of the patient with a colostomy	Introducing students to Colostomy disease	4	12

	conducting laboratory experiments				
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Evaluation and management of diabetic patients, pathophysiology of diabetes, hypoglycemia, diabetic ketoacidosis.	Introducing students to ,diabetes, hypoglycemia	4	13
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Long-term complications of diabetes, macrovascular complications, microvascular complications, leg problem in diabetes .	Introducing students to Long-term complications of diabetes	4	14
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Acute appendicitis, signs and symptoms, causes, diagnosis, complications, management.	Introducing students to Acute appendicitis	4	15

10. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, .daily, oral, monthly, written exams, reports, etc

-Semester exam is 40 marks

Final exam: 60 marks-

11. Learning and teaching resources

Loping country Oxford -London 1976	Prescribed books(required)Methodology that found
Community Medicine, Fed, 5th ^{ed} . London 1984.	Main references(Sources)
Community health Nursing In Dev Kart Community health nursing Philadelphia, Bayer. M. 1981.	Books And references The support Which Recommended (,scientific journalsreports ,
	References electronic, Locations Internet

1. Name Decision:

Adult nursing

2. Code decision

IMA 211

3. Class / the level :

Second semester /Second Level

4. Date Preparation This Description:

4/4/2024

5. Forms Attendance Available :

presence

6. numbers Hours Academic 6(total) / Number Units (total) :

30 theoretical hours / number of units 4

30 practice hours

7. Course Objectives

- 1- Identifying risk factors and nursing interventions in maintaining health in a selected group of patients
- 2-A link between the physiological condition of nursing specialties and the use of alternatives in priorities for treating the disease
- 3- Understanding nursing diagnosis

**Objectives of the subject
Academic**

8. Strategies Education And learning:

Strategy Explanation of study materials by academic staff

Strategy Knowledge Through homework assignments for academic vocabulary

Strategy Discussion. Self-learning strategy Strategy Education Electronic

Memory strategy Strategy Deduction Ideas. Strategy Providing examples and visiting the library and websites.

Strategies Education

Strategies Learning

9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
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<p>,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter</p>	<p>Blackboard slides Education PowerPoint Electronic</p>	<p>Increased intracranial pressure, pathophysiology, clinical manifestations, management, .unconscious patient</p>	<p>Introducing students to the principles and rules , definitions and steps, objectives. Rehabilitation, prevention of complications, nursing and rehabilitative care, diagnostic and treatment methods for increased blood pressure</p>	<p>4</p>	<p>1</p>
<p>Theory exams Oral and written semi -terms And a chapter</p>	<p>Blackboard slides Education PowerPoint Electronic</p>	<p>Stroke "cerebral accidents" clinical manifestations, causes and .management</p>	<p>Introducing the students Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitative care, and methods of diagnosis and treatment of stroke</p>	<p>4</p>	<p>2</p>
<p>Theory exams Oral and written semi -terms And a chapter</p>	<p>Blackboard slides Education PowerPoint Electronic</p>	<p>Cardiopulmonary) resuscitation CPR) .</p>	<p>Introducing the students Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitative care, diagnostic and treatment methods for cardiopulmonary resuscitation</p>	<p>4</p>	<p>3</p>
<p>Theory exams Oral and written semi -terms And a chapter</p>	<p>Blackboard slides Education PowerPoint Electronic</p>	<p>Disorders of consciousness, coma, seizures, Glasgow coma scale, emergency management of the .unconscious patient</p>	<p>Introducing the students Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitative care,</p>	<p>4</p>	<p>4</p>

			and diagnostic and treatment methods for disorders of consciousness		
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Urinary catheterization, types, purposes, urinary retention, causes, urine irrigation	Introducing the students Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitation care, diagnostic and treatment methods for urinary catheterization	4	5
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Postoperative complications, wound infection, wound separation, bleeding, thrombosis, thrombophlebitis, pneumonia	Students' knowledge Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitative care, methods of diagnosis and treatment of postoperative complications	4	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Ulcers , their causes, risk factors, stages of ulcer formation , ulcer area risk assessment form "scoring system" for nursing management	Students' knowledge of principles and rules, definitions and steps, goals and principles Rehabilitation team: prevention of complications, nursing and rehabilitation care, diagnostic and treatment methods for ulcers	4	7
Theory exams Oral and written semi -terms And a	Blackboard slides Education PowerPoint	Center monitors for intensive care units(ICU). Equipment, tools and nursing homes in intensive care	Students' knowledge of monitoring methods to improve the health condition of patients	4	8

chapter	Electronic				
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Intensive care. Contents Department of Intensive .Care, Nursing Homes	Students' knowledge of monitoring methods to improve the health condition of patients	4	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Pleural effusion (refers to an abnormal accumulation of fluid in the pleural space), causes, thoracentesis (draining fluid or air from) the pleural space, which is the space between the lungs and the chest wall), ascites, causes, puncture (removal of fluid buildup in the .(peritoneal cavity	Students' knowledge of principles, rules , definitions, steps, and objectives Rehabilitation, prevention of complications, nursing and rehabilitative care, diagnostic and treatment methods to remove fluids from the body	4	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	High blood pressure, causes, clinical manifestations, diagnosis, complications, .management	Students' knowledge of principles, rules, definitions, steps, and objectives Rehabilitation to prevent complications, nursing and rehabilitative care, and methods of diagnosis and treatment of high blood pressure	4	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Jaundice, its types, causes, clinical manifestations, and .treatment	Students' knowledge of principles, rules, definitions, steps, and objectives Rehabilitation, prevention of complications, nursing and rehabilitation care, and methods of diagnosis and treatment for jaundice	4	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Kidney dialysis, its types, purposes, complications, and the role of the nursing .staff in dialysis	Students' knowledge of principles, rules, definitions, steps, and objectives Rehabilitation, prevention of complications, nursing and rehabilitation care, diagnostic and	4	13

			treatment methods for lung lavage		
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Bronchial asthma, causes, signs and symptoms, investigations, laboratory tests, emergency .management	Students' knowledge of principles, rules, definitions, steps, and objectives Rehabilitation, prevention of complications, nursing and rehabilitative care, and diagnostic and treatment methods for asthma	4	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Itching, itching in anaphylaxis, causes , emergency management, .patient health education	Students' knowledge of principles, rules, definitions, steps, and objectives Rehabilitation, prevention of complications, nursing and rehabilitative care, and methods of diagnosis and treatment of allergies	4	15

10. Evaluation course

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily and exams Daily a nd oral and monthly
And editorial and reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Brunner, L. and Suddarth D., Textbook of Medical-Surgical Nursing 8th^{ed} .New York, Lippincott Co., 2012.

Prescribed books(required)Methodology that found(

Smeltzer, S. et.al, Textbook of Medical-Surgical Nursing, 10th ed ., New York, Lippincott Williams and Wilkins, 2004.

Main references(Sources)

Lewis S., Heitkemper M., et al., Medical-surgical of Nursing, assessment and management of clinical problems, 7 th ed. Mosby Co, 2007.	Books And references The support Which Recommended(scientific journals , reports)
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:	
Emergency nursing 2	
2. Code decision	
IMA 208	
3. Chapter/ the level :	
Second Semester /Second Level	
4. Date Preparation This Description:	
4/4/2024	
5. shapes Attendance Available:	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 theoretical hours / number of units 4 30 Practicle hours	
7. Objectives decision	
Learn about the basics and principles of emergency management Knowing how to provide emergency service to a suffocating patient with upper respiratory tract distress or feeding tube obstruction, as well as other injuries such as paralysis and others Learn to administer treatments, inject therapeutic fluids, and learn about the resulting complications	Objectives of the subject Academic
8. Strategies Education And learning:	
Strategy Explanation of study materials by academic staff - Strategy Knowledge Through homework assignments for	Strategies Education

academic vocabulary
 Strategy Discussion.
 Self-learning strategy
 Strategy Education
 Electronic

Memory strategy
 Strategy Deduction Ideas.
 Strategy Providing examples
 and visiting the library and
 websites.

Strategies Learning

9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Management of the burn patient, burn pathophysiology, systemic response, emergency phase of burn care	Introducing students to Pathophysiology of burns	4	1
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Intermediate phase of burn care, burn wound, general wound care, infection prevention, dressing changes, pain management, nutritional support	Introducing students to General wound care, infection prevention, dressing changes	4	2
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Intermediate phase of burn care, burn wound, general wound care, infection prevention, dressing changes, pain management, nutritional support	Introducing students to General wound care, infection prevention, dressing changes	4	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Management of the patient in a splint, types of splints, patient in traction, types of traction	Introducing students to General care for the patient in a splint, types of splints	4	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Management of the patient in a splint, types of splints, patient in traction, types of traction, principle of effective traction	Introducing students to General care for the patient in a splint, types of splints	4	5

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Emergency management of fracture patients, types of fractures, clinical manifestations, diagnosis	Introducing students to Types of fractures, clinical manifestations, diagnosis	4	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Emergency management of fracture patients, types of fractures, clinical manifestations, diagnosis	Introducing students to Types of fractures, clinical manifestations, diagnosis	4	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Temperature emergencies, heat stroke, heat exhaustion	Introducing students to Temperature emergencies	4	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Poisoning, ingestion of ingested poisons, inhalation of poisons, emergency management of poisoning cases	Introducing students to Poisoning emergencies	4	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Emergency management of snake and scorpion bites and insect bites	Introducing students to Emergency situations related to bites	4	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Emergency management of suicidal patients with drug and alcohol abuse	Introducing students to Emergencies related to suicide bombers and drug and alcohol abusers	4	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Body mechanics, body posture, principle of patient transfer	Introducing students to Emergency situations related to the principle of patient transfer	4	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Stomach feeding, irrigation, symptoms , indications, nursing care	Introducing students to Emergency cases related to the principle of gastric lavage	4	13

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Suturing a wound in the emergency department, purpose, principles of suturing, and the role of the .nursing staff	Introducing students to Emergencies related to suture traction and h	4	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Foreign bodies in the eye, nose, ear, throat and .emergency management	Introducing students to Related emergencies Foreign bodies in the eyes, nose, ears and throat	4	15

10. Evaluation of the decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily And exams Daily And oral And monthly And editorial And reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Community Medicine, 5 th ed. London. Fred, 1984.	Prescribed books(required)Methodology that found
Community health nursing in Dev loping country Oxford – London. Bayer. M. 1976.	Main references(Sources)
Community Health Nursing Philadelphia. Kart . 1981	Books And references The support Which ,Recommended (scientific journals reports ,(
Nour Library To download Books Free.	References electronic, Locations Internet

1. Name Decision:	
Toxins	
2. Code decision	
IMA 213	
3. Class / level :	
First semester /Second Level	
4. Date Preparation This Description:	
2024/4/4	
5. forms Attendance Available:	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 theoretical hours / number of units 4 30 Practicle hours	
7. Objectives decision	
<p>- To study Principle Exposure for materials Chemical and the elements Physics toxic different and the factors environmental and its sources And mechanisms Her name And its danger On humans So that He can Students Who Understanding Measures required To protect Objects The living Against Risks Toxic The suspect In it And how Dealing Be careful with her And knowledge Most importantly Methods Treatment Beneficial For each The elements And vehicles Toxic.</p>	<p>Objectives of the subject Academic</p>

8. Strategies Education And learning:

<p>-Strategy Storm Mental-Strategy Work The group- Discussion strategy - Strategy Study case - Inductive teaching strategy - Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic</p> <p>-Strategy Study - Strategy Conclusion - Strategy Practice spaced out-Strategy for switching between ideas-Strategy for presenting examples</p>	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Method Learning	Name Unit or Topic	Outputs Learning required	Hours	weeks
<p>,Reports Assignmen ts, theoretical exams Oral and written semi-terms And a chapter</p>	<p>Blackboard PowerPoint Slides Education Electronic experimentatio n laboratory</p>	<p>: Introduction The worker host, Environmental Factors Effects Toxic</p>	<p>Introducing students to workers Toxins And Effects Toxic</p>	<p>4</p>	<p>1</p>

,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Toxic materials Carcinogen Introduction About Use Devices Laboratory Scientific	Introducing students Toxic materials to carcinogens and use Devices Laboratory Scientific	4	2
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Members targeted And he knew Toxins The device Liver). Materials Toxic on liver cells	Introducing students Materials Toxic on to liver cells	4	3
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Members targeted And the science of toxicology The device. The device Respiratory poisoning With nicotine	Introducing students to toxic materials On The device Respiratory	4	4
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	A. No members targeted And he knew Systemic toxins. College Sumaya Cyanide	Introducing students to toxic materials Totally	4	5
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	the science of the target organs and the science of the skin. Sumaya Pollutants	Introducing students to toxic materials On The skin	4	6
Reports Assignments, exams Theory Oral and written half Quarterly And a	Blackboard PowerPoint slides Education electronic procedure Experiments laboratory	Members targeted And systemic toxicology.The device Nervous Toxicity of detergents Household	Introducing students to toxic materials On The device Nervous	4	7

chapter					
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,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Members targeted And the science of toxicology The device. Blood Sumaya The snake	Introducing students to toxic materials On Blood	4	8
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Materials Toxicity: Additives Food And pollutants Sumaya Hydrocarbons	Introducing students to additives Toxic food And pollutants Sumaya Hydrocarbons	4	9
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Materials Toxicity : Pesticides Insects Factors Toxic On The device Polycarbonate	Introducing students to pesticides Insects Factors Toxic On The device Polycarbonate	4	10
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Materials Toxic:Toxic metals Pesticides Insects	Introducing students to toxic metals	4	11
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Materials Toxic: Radiation And materials Radioactive Impact The name For some Plants	Introducing students to radiation And materials Radioactive Impact The name For some Plants	4	12

,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Toxins Environmental: Pollution Air And pollutants Water And the soil Sumaya Some Materials The clipboard In Food Canned food	Introducing students to Sumaya Some Materials The clipboard In Food Canned food	4	13
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Gases(gas The questioner For tears, spray Pepper Sumaya (Name scorpion	Introducing students to Sumaya Gases	4	14
,Reports Assignments, theoretical exams Oral and written semi-terms And a chapter	Blackboard PowerPoint Slides Education Electronic experimentation laboratory	Cyanide(H₂S). Toxic effect of a single gas Carbon oxide	Introducing students to Sumaya Gases	4	15

10. Evaluation The decision

Distribution Degree From 1000 on According to Tasks The taxpayer With it The student For example
Preparation Daily And exams Daily And oral And monthly
editorial and reporting Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Goldfrank's Toxicologic Emergencies- Lewis R. Goldfrank, Neal Flomenbaum, Mary Ann Howland, Robert S. Hoffman, Lewis S. Nelson, Neal A. Lewin - 2006

Prescribed books(required)Methodology that found

Clinical Toxicology: Principles and Mechanisms - Frank A. Barile, P. Sidney Jackson, Kathryn R. Matthias - 2010

Main references(Sources)

Casarett & Doull's Toxicology: The Basic Science of Poisons - Curtis D. Klaassen, John B. Watkins, III - 2008

Hayes' Principles and Methods of

Books And references The support Which Recommended

Toxicology - A. Wallace Hayes - 2014	,scientific journals)reports ,
	References electronic, Locations Internet

1. Name Decision:	
Computer applications 2	
2. Code decision	
NTU 201	
3. Class /Level:	
First Semester/Second Level	
4. Date Preparation This the description:	
4/4/2024	
5. forms Attendance Available:	
Presence	
6. numbers Hours Academic(total) / Number Units (total) :	
15 Practical hours + 15 theoretical hours / number of units 2	
7. Objectives decision	
<p>The student should be able to deal with a computer and be familiar with the use of networks and ways to use its software. The ability to work on a calculator and Internet .principles in the field of specialization</p> <p>Aim to this The decision to study Programs (SPSS) And Excel and DOS and train the student to use Its basics And his tools that serve Student for years Coming in all Domains Academicand .practical</p>	Objectives of the subject Academic
8. Strategies Education And learning:	

<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Excel program : Learn about the concept of the program: its benefits, specifications, and .operating methods Getting to know the main screen and its - components, and how it contains various menus .and effective tools Cell concept - basic data types and how to - .enter them How to save the worksheet -or workbook- .Close the program and close the file Opening the saved file - entering data and - learning how to performing simple calculations - adjust or format data and structure it within a .single cell or group of cells Learn about ways to collect data or groups of - cells in their different forms, as well as how to .sort data Use some of the functions provided by the - program such asMax-Count-Sqrt-Ave-Sum-Min And other useful related statistical functions</p>	<p>Introducing students to its ,the Excel program benefits - specifications - how to operate it - collecting data - sorting data - using some functions – Close the . program</p>	<p>2</p>	<p>4</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Excel program : Learn about the concept of the program: its benefits, specifications, and .operating methods Getting to know the main screen and its - components, and how it contains various menus .and effective tools Cell concept - basic data types and how to - .enter them How to save the worksheet -or workbook- .Close the program and close the file Opening the saved file - entering data and - learning how performing simple calculations - to adjust or format data and structure it within a .single cell or group of cells Learn about ways to collect data or groups of - cells in their different forms, as well as how to .sort data Use some of the functions provided by the - program such asMax-Count-Sqrt-Ave-Sum-Min .And other useful related statistical functions</p>	<p>Introducing students to its ,the Excel program benefits - specifications - how to operate it - collecting data - sorting data - using some functions – Close the . program</p>	<p>2</p>	<p>5</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Excel program : Learn about the concept of the program: its benefits, specifications, and .operating methods Getting to know the main screen and its - components, and how it contains various menus .and effective tools Cell concept - basic data types and how to - .enter them How to save the worksheet -or workbook- .Close the program and close the file Opening the saved file - entering data and - performing simple calculations - learning how to adjust or format data and structure it within a .single cell or group of cells Learn about ways to collect data or groups of - cells in their different forms, as well as how to .sort data Use some of the functions provided by the - program such asMax-Count-Sqrt-Ave-Sum-Min .And other useful related statistical functions</p>	<p>Introducing students to its ,the Excel program benefits - specifications - how to operate it - collecting data - sorting data - using some functions – Close the . program</p>	<p>2</p>	<p>6</p>

<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Learn about the editing process provided by the program - how to copy data or move data, and learn about the concept of copying mathematical operations, as well as the concept of relative cells (Relative) and absolute cells (Absolute .(Controlling cell width: - Changing its style and - .format by using formatting tools Dealing with charts -and how to convert digital and textual data into charts of various types through the Chart Wizard and learning how to make the modifications and revisions provided by .the program Learn how to add or delete rows or columns on a - .work page and how to print digital data or charts</p>	<p>Introducing students to the Excel program - the process of editing - copying data or moving data - the concept of relative cells - Charts - Add or delete rows or columns - Print digital . data or charts</p>	<p>2</p>	<p>7</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Learn about the editing process provided by the program - how to copy data or move data, and learn about the concept of copying mathematical operations, as well as the concept of relative cells (Relative) and absolute cells (Absolute .(Controlling cell width: - Changing its style and - .format by using formatting tools Dealing with charts -and how to convert digital and textual data into charts of various types through the Chart Wizard and learning how to make the modifications and revisions provided by .the program Learn how to add or delete rows or columns on a - .work page and how to print digital data or charts</p>	<p>Introducing students to the Excel program - the process of editing - copying data or moving data - the concept of relative cells - Charts - Add or delete rows or columns - Print digital . data or charts</p>	<p>2</p>	<p>8</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Getting to know the editing process -provided by the program - how to copy data or move data, and learning about the concept of copying mathematical operations, as well as the concept of) relative cellsRelative and absolute cells ()Absolute .(Controlling cell width : - Changing its style and - .format by using formatting tools Dealing with charts -and how to convert digital and textual data into charts of various types through the Chart Wizard and learning how to make the modifications and revisions provided by .the program Learn how to add or delete rows or columns on a - .work page and how to print digital data or charts</p>	<p>Introducing students to the Excel program - the process of editing - copying data or moving data - the concept of relative cells - Charts - Add or delete rows or columns - Print digital . data or charts</p>	<p>2</p>	<p>9</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronically conducting laboratory experiments</p>	<p>SPSS statistical program : - The concept of the .program and its operation Steps to analyze data and identify the components .of the main screen Entering, saving and retrieving data - types of - .data, sorting and altering them Inserting a variable -or case, merging and .analyzing files non-parametric tests</p>	<p>Introducing students to the SPSS program - running the program - Data analysis - data entry, saving and retrieval - data types and sorting - inclusion of variables to conduct nonparametric .tests</p>	<p>2</p>	<p>10</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronically conducting laboratory experiments</p>	<p>SPSS statistical program : - The concept of the .program and its operation Steps to analyze data and identify the components .of the main screen Entering, saving and retrieving data - types of - .data, sorting and altering them Inserting a variable -or case, merging and .analyzing files</p>	<p>Introducing students to the SPSS program - running the program - Data analysis - data entry, saving and retrieval - data types and sorting - inclusion of variables to</p>	<p>2</p>	<p>11</p>

		non-parametric tests	conduct nonparametric tests		
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct laboratory experiments	SPSS statistical program : - The concept of the program and its operation Steps to analyze data and identify the components of the main screen Entering, saving and retrieving data - types of data, sorting and altering them Inserting a variable -or case, merging and analyzing files non-parametric . tests	Introducing students to the SPSS program - running the program - Data analysis - data entry, saving and retrieval - data types and sorting - inclusion of variables to conduct nonparametric tests	2	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct laboratory experiments	Body works (the old version that runs under the Dos or Windows environment). The concept of the program - how to run it - exit - getting to know the main screen and taking it - advantage of the options it provides, which represent the various human body systems for - :public and private sections, such as Lymphatic-Muscle-Digestive-Skeletal-Nervous System-Endocrine .and others The system also provides information about public) health - first aid - narcotic substances (Drugs) and their types and ways to prevent them - wounds affecting athletes - acquired immunodeficiency) (Aids). Dealing with the mouse through the program and - how to access illustrative images and explanations .of each effect on the human body Dealing with printing images or converting them - to the high-compression (PCX) format in terms of) size, and learning about related topics (See also) and the assistance or research provided by the .program Benefit from the animation programs provided by .the program	Introducing students to the old version that runs under the Dos environment Run the - program - How to turn it on - Exit it - Take advantage of the system for information about public health - Access to illustrative images - benefit from the movement programs .provided by the program	2	13
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct laboratory experiments	Body works (the old version that runs under the Dos or Windows environment). The concept of the program - how to run it - exit - getting to know the main screen and taking it - advantage of the options it provides, which represent the various human body systems for - :public and private sections, such as Lymphatic-Muscle-Digestive-Skeletal-Nervous System-Endocrine .and others The system also provides information about public) health - first aid - narcotic substances (Drugs) and their types and ways to prevent them - wounds affecting athletes - acquired immunodeficiency) (Aids). Dealing with the mouse through the program and - how to access illustrative images and explanations .of each effect on the human body Dealing with printing images or converting them -) to the high-compression (PCX) format in terms of) size, and learning about related topics (See also) and the assistance or research provided by the .program Benefit from the animation programs provided by .the program	Introducing students to the old version that runs under the Dos ² environment Run the - program - How to turn it on - Exit it - Take advantage of the system for information about public health - Access to illustrative images - benefit from the animation programs .provided by the program	2	14

<p>Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic conduct laboratory experiments</p>	<p>Body works (the old version that runs under the Dos or Windows environment). The concept of the program - how to run it - exit - getting to know the main screen and taking it - advantage of the options it provides, which represent the various human body systems for - :public and private sections, such as Lymphatic-Muscle-Digestive-Skeletal-Nervous System-Endocrine .and others The system also provides information about public) health - first aid - narcotic substances (Drugs) and their types and ways to prevent them - wounds affecting athletes - acquired immunodeficiency) (Aids). Dealing with the mouse through the program and - how to access illustrative images and explanations .of each effect on the human body Dealing with printing images or converting them -) to the high-compression (PCX) format in terms of) size, and learning about related topics (See also) and the assistance or research provided by the .program Benefit from the animation programs provided by . the program</p>	<p>Introducing students to the old version that runs under the Dos environment Run the - program - How to turn it on - Exit it - Take advantage of the system for information about public health - Access to illustrative images - benefit from the animation programs .provided by the program</p>	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly
And editorial And reports Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Structure and Interpretation of Computer Programs- Harold Abelson, Gerald Jay Sussman, Julie Sussman – 1985.	Prescribed books required)Methodology that found(
Introduction to the Theory of Computation - Michael Sipser - 1996	
Computer Organization and Design: The Hardware/Software Interface - David A. Patterson, John L. Hennessy - 1994	Main references(Sources)
Operating System Concepts - Abraham Silberschatz, Peter B. Galvin, Greg Gagne - 1983	books And references The support Which ,Recommended (scientific journals reports ,(
	References electronic, Locations Internet

1. Name Decision:	
Arabic	
2 . Code decision	
NTU 202	
3. Class / Level :	
Second Semester /Second Level	
4. Date Preparation This the description:	
4/4/2024	
5. forms Attendance Available:	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 theoretical hours / number of units 2	
7. Goals The decision	
Aims the language Arabic to knowledge the rules the language Arabic And signs Inflection And how Parsing And pronunciation the correct And choose The right words According to Their locations from Camel Arabic language. knowledge Tags Inflection The original And the sub. knowledge Grammar And the miracle Quranic.	Objectives of the subject Academic
8. Strategies Education And learning:	

<p>Strategy Storm mental-Strategy Work group- Discussion strategy - Strategy Study case - Inductive teaching strategy- Concept maps strategy - Strategy Training Field Practical-Self-learning strategy -Strategy Education Electronic</p> <p>-Strategy Study - Strategy Conclusion - Strategy Practice divergent-Strategy Switch Between Ideas- Strategy for presenting examples</p>	<p>Strategies Education</p> <p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Outputs The required learning	Hours	weeks
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Signs Inflection The original(,damma ,the hole (kasra Sub-inflectional signs (a): waw, alif, yaa	Knowledge How to marks write Original and subsidiary Arabic In the Arabic language	2	1
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Nominal sentence (types of (subject, types of predicate	identification Students b Using the correct rules For the nominal sentence in Arabic language.	2	2
,Reports Assignments, theoretical exams Oral and written And a	Blackboard slides Education PowerPoint Electronic experimentation laboratory	that And her sisters	identification Students b Using the correct rules Lanna and her sisters In Arabic language.	2	3

quarterly					
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,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	The difference between (that, (that	identification Students b By the difference between That, that In Arabic language.	2	4
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Actions The five	identification Students b Using the correct rules For actions The five In Arabic language.	2	5
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	He was And her sisters	identification Students b Using the correct rules For Kan and her sisters In Arabic language.	2	6
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Mistakes Linguistic	Definition of students b Using the correct rules for linguistic errors in the Arabic language .	2	7
,Reports Assignment s, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Double And his parsing	identification Students b Using the correct rules For Al-Muthanna and his parsing in Arabic language.	2	8

,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Expression Quranic Grammatically from where Installation Sentence And the ,text Rhetorically from where the influence ,technical Return to Source book Expression Quranic For the doctor Virtuous Samurai	identification Students b Using the correct rules In the Quranic expression In Arabic language.	2	9
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic experimentation Laboratory	Expression Quranic Grammatically from where Installation Sentence And the ,text Rhetorically from where the influence ,technical Return to Source book Expression Quranic For the doctor Virtuous Samurai	identification Students b Using the correct rules In the Quranic expression In Arabic language.	2	10
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct of laboratory experiments	Poet Badr Thankful Al-Sayyab	identification Students b About the poet Badr Shaker Al-Sayyab, his poems and achievements.	2	11
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct of laboratory experiments	information Linguistic Synonyms ,And opposites Differences ,linguistic Equations Grammatical	identification Students b Using the correct rules In synonyms, opposites, and grammatical equations In Arabic language.	2	12
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct of laboratory experiments	Species The crowds plural masculine ,Salem plural feminine ,Salem plural Cracking	identification Students b Using the correct rules For different types of groups In Arabic language.	2	13
,Reports Assignments, theoretical exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct of laboratory experiments	Species The crowds plural masculine ,Salem plural feminine ,Salem plural Cracking	identification Students b Using the correct rules For different types of groups In Arabic language.	2	14

Reports Assignments theoretical , exams Oral and written	Blackboard slides Education PowerPoint Electronic conduct of laboratory experiments	engineering Grammar rules the language Arabic in Board ,educational Corrections Linguistic	identification Students b Using the correct rules For grammar engineering and linguistic corrections in Arabic language.	2	15
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10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation
Daily And exams Daily And oral And monthly
And editorial And reports. . . etc

- Semester exam 40 marks
- The final exam 60 marks

11. Sources Learning and teaching

Basic rules in the Arabic language - Muhammad Hussein Al-Masoumi - 2008	Prescribed books(required)Methodology that found(
Introduction to Arabic linguistics. Abdullah Al-Taie. 2015 Contemporary Arabic Literature - Muhammad Muhammad Hussein - 2010	Main references(Sources)
Arabic grammar, first level - Abdul Rahman Al-Fawzan - 2016	books And references The support Which ,Recommended (scientific journals reports ,
. Library Nour To download free books	References electronic, Locations Internet

1. Name Decision:

Graduation Project

2. Code decision

IMA 215

3. Class / level :

<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Conducting experiments electronically laboratory</p>	<p>discussion The projects that Complete Test ha And define a style And a plan the job. to set And distribution No responsibilities And put the program Timeline To implement The project</p>	<p>Knowledge and practical application</p>	<p>2</p>	<p>1</p>
<p>,Reports Assignments, theoretical exams Oral and written</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Implementing the project in laboratories and preparing Reports on the milestones reached Weekly follow-up of business progress and work obstacles</p>	<p>Knowledge and practical application</p>	<p>2</p>	<p>(4-2 (</p>
<p>,Reports Assignments, theoretical exams Oral and written And a quarterly</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>The student is discussed by the Department's Executive and Scientific Plans Evaluation Committee and is considered to be evaluated until the end of the first .semester</p>	<p>Knowledge and practical application</p>	<p>2</p>	<p>5</p>
<p>,Reports Assignments, theoretical exams Oral , written and quarterly</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Resuming the implementation of the project work and completing the practical aspect</p>	<p>Knowledge and practical application</p>	<p>2</p>	<p>(12-6)</p>
<p>,Reports Assignments, theoretical exams Oral , written and quarterly</p>	<p>Blackboard slides Education PowerPoint Electronic experimentation laboratory</p>	<p>Discussing the details of the project and directing students to prepare the report in its final form (it is considered an evaluation for the second (semester</p>	<p>Knowledge and practical application</p>	<p>2</p>	<p>13</p>

,Reports Assignments, theoretical exams Oral , written and quarterly	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Completing the project with its practical and theoretical aspects and preparing for the final discussion	Knowledge and practical application	2	14
,Reports Assignments, theoretical exams Oral , written and quarterly	Blackboard slides Education PowerPoint Electronic experimentation laboratory	Final discussion of the project	Knowledge and practical application	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example
Preparation Practical
Preparing reports and research
Etc

-Discussion The final 100 degrees

11. Sources Learning And teaching

Research Design: Qualitative, Quantitative, and Mixed Methods Approaches - John W. Creswell - 2014	Prescribed books (required)Methodology that found
Research Methodology: A Step-by-Step Guide for Beginners -Ranjit Kumar – 2014 The Craft of Research - Wayne C. Booth, Gregory G. Colomb, Joseph M. Williams - 2016	Main references(Sources)
Designing and Conducting Mixed Methods Research - John W. Creswell, Vicki L. Plano Clark - 2011	Books And references The support Which Recommended (scientific journals , reports)
	References electronic, Locations Internet

1. Name Decision:	
Hematology	
2. Code decision	
IMA 216	
3. Class / level :	
Second Semester /Second Level	
4. Date Preparation This Description:	
4/4/2024	
5. Forms Attendance Available :	
presence	
6. numbers Hours Academic(total) / Number Units (total :	
30 theoretical hours / number of units 3	
15 Prcticle hours	
7. Objectives decision	
<p>1- Students learned about the types of blood-forming cells, such as red cells, white cells, and platelets, and how they affect the body's function in general.</p> <p>2- Introducing students to blood diseases and disorders. Explaining the various diseases that affect the blood, such as anemia, clotting . diseases, platelet deficiency diseases, and leukemia</p> <p>3- Teaching students how to conduct various blood tests and understand laboratory results related to blood health</p> <p>4- Introducing the students The process of blood clotting and its importance in stopping bleeding and preventing excessive blood loss.</p>	Objectives of the subject Academic
8. Strategies Education And learning:	
<p style="text-align: center;">Strategy Explanation of study materials by academic staff</p> <ul style="list-style-type: none"> - Strategy Knowledge Through homework 	Strategies Education

<p>assignments for academic vocabulary Strategy Discussion. Self-learning strategy Strategy Education Electronic</p> <p>Memory strategy Strategy Deduction Ideas. Strategy Providing examples and visiting the library and websites.</p>	<p>Strategies Learning</p>
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9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	The week
,Reports Assignment s, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Introduction to blood. .Blood content study	Introducing the students With blood content	3	1
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Blood formation in the fetus, children and adults	Introducing the students The process of blood formation	3	2
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Natural red blood cells, their importance, structure, formation of erythrocytes and their function	Introducing the students Red blood cells and their function	3	3
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	more Erythrocytes , causes, clinical signs and laboratory diagnosis	Introducing the students Causes of increased red blood cells and its effect on humans	3	4
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	blood cell morphology in health and disease. Imbalances in the size of red blood cells(RBC). (Introducing students Imbalances in the size of red blood cells	3	5

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Imbalances in the shape of red blood cells.	Students' knowledge of the types of blood cells that are abnormal in terms of shapes	3	6
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Imbalances in the colors of red blood cells.	Students' knowledge of the abnormal colors of red blood cells	3	7
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	The percentage of normal hemoglobin in the blood, its content and importance	Students' knowledge of normal hemoglobin levels in the human body for different ages and genders	3	8
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Hb . types	Students' knowledge of the types of normal hemoglobin in the human body for different ages and genders	3	9
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Types of Hb variants	Students' knowledge of the types of abnormal hemoglobin in the human body	3	10
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Anemia. Definition, classification and types	Students' knowledge of anemia and its types	3	11
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Anemia. Causes , clinical signs and laboratory results	Students' knowledge of anemia, clinical signs, etc	3	12
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	White blood cells, their function, types, maturity, abnormalities and diseases	Students' knowledge of white blood cells, their function and types	3	13

Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Blood clotting, its definition and types. Clotting factors, types of blood clotting disorders	Students' knowledge of blood clots, how clotting factors , etc	3	14
Theory exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Leukemia definition and classification	Students' knowledge of various blood diseases, including leukemia	3	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Practical
Preparing reports and research Etc

- Semester exam 40 marks
- Final exam 60 marks

11. Sources Learning And teaching

Essentials of Blood Banking and Transfusion Medicine - Sally V. Rudmann, Ph.D - 2002	Prescribed books)required)Methodology that found(
Modern Blood Banking & Transfusion Practices - Denise M. Harmening - 2012	Main references(Sources)
Transfusion Medicine and Hemostasis: Clinical and Laboratory Aspects - Christopher D. Hillyer, MD, Beth H. Shaz, MD, PhD, James C. Zimring, MD, PhD, Thomas C. Abshire, MD - 2013	Books And references The support Which Recommended (scientific journals , reports)
Library Nour R To download free books	References electronic, Locations Internet

1. Name decision

Pharmacology

2. Code decision

IMA 209

3. Class/level

Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	introduction; Pharmacokinetics and pharmacodynamics. Drugs , receptors	Introducing students to the basics of pharmacology And pharmacodynamics	4	1
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	dose; Dose estimation, factors affecting the dose. Dosage form.	Introducing students dose estimation, to factors affecting dose	4	2
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Oral drug administration methods; Injection, skin, rectum and other methods. Excretion of the drug.	Introducing students methods of to administering medication	4	3
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Autonomic nervous system ; Ganglia of the parasympathetic nervous system ;Acetylcholine Cholinergic drugs.	Introducing students cholinergic drugs to for the nervous system	4	4
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	; Autonomic nervous system Ganglia of the nervous system ;parasympathetic acetylcholine Cholinergic drugs.	Introducing students cholinergic drugs to for the nervous system	4	5
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	nervous system : adrenaline; Adrenergic medications. Its effects on the body and its uses in medicine.	Introduce students to adrenergic medications for the sympathetic nervous system	4	6
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	nervous system : adrenaline; Adrenergic medications. Its effects on the body and its uses in medicine.	Introduce students to adrenergic medications for the sympathetic nervous system	4	7
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Drugs that affect the digestive system: uses of antacid drugs for diarrhea, uses of drugs for constipation, laxatives and other drugs used for peptic ulcers, vomiting.	Introducing students the uses of antacid to medications for diarrhea for the digestive system	4	8
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-	anticholinergic drugs; Uses of atropine; side effects; A medicine used for spasms.	Introducing students the uses of to	4	9

	learning, conducting laboratory experiments		medications for spasms,Choline - atropine		
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	A medicine used for the respiratory system. Expectorants, mucolytics, bronchodilators. Uses of medications to treat asthma.	Introducing students the uses of to medications to treat asthma	4	10
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Medicines used for the cardiovascular system ;Bloody. Heart tonics. Uses Side of toxic effect.	Introducing students to Medications used for the system heart and blood vessels	4	11
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Antiarrhythmic medications . Heparin vasodilation, capron course; A medicine used for cholesterol.	Introducing students to Antiarrhythmic medications	4	12
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	Antihypertensive medications . Diuretics Adrenergic blockers	Introducing students to A: Antihypertensive medications . Diuretics	4	13
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	A medicine used for the urinary system . Nephron. Antibiotics used to treat urinary tract infections.	Introducing students to Medications to treat urinary tract infections	4	14
Reports, assignments, oral and written theory exams	Blackboard, PowerPoint slides, e-learning, conducting laboratory experiments	A medicine used for the urinary system . Nephron. Antibiotics used to treat urinary tract infections.	Introducing students to Medications to treat urinary tract infections	4	15

10. Decision evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc

Semester exam is 40 marks

Final exam: 60 marks-

11. Learning and teaching resources

Tawfiq Al-Husseini - Pharmacology - Ministry of Health - Health Education Foundation - 1986

Prescribed books)required)Methodology that found(

Basic and Clinical Pharmacology" by Bertram G. Katzung, Susan B. Masters, and Anthony J. Trevor. 2017.

Main references(Sources)

"The Pharmacological Basis of Therapeutics" by Laurence L. Brunton, Randa Hilal-Dandan, and Bjorn Knollmann.2017.	
Pharmacotherapy: A Pathophysiologic Approach" by Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, and L. Michael Posey. 2020.	
Applied Biopharmaceutics & Pharmacokinetics" by Leon Shargel, Andrew BC Yu, and Susanna Wu-Pong. 2015.	Books And references The support Which Recommended scientific journals , reports))
	References electronic, Locations Internet

1. Name Decision:	
Professional safety principles	
2. Code decision	
IMA 212	
3. Class / Level :	
Second Semester /Second Level	
4. Date Preparation This Description:	
4/4/2024	
5. Forms Attendance Available :	
presence	
6. numbers Hours Academic(total) / Number Units (total) :	
30 theoretical hours / number of units 2	
7. Objectives Decision	
<p>1- Providing the necessary knowledge and skills for preventive precautions and emergency measures, including training in the use of personal protective equipment and implementing emergency plans.</p> <p>2- To have the ability to think correctly and take appropriate action in the event of any circumstance occurring in the laboratory</p> <p>3- To know the dangers of fires, how to deal with them, and the rules of fire prevention</p> <p>4- Providing the necessary skills to plan and implement safety programs and safety management in the workplace, including performance evaluation and continuous improvement.</p> <p>5- To know the safety instructions in laboratories</p>	<p>Objectives of the subject Academic</p>

6- To identify the causes of common accidents and accidents in the work environment, and apply effective investigation techniques to address accidents and avoid their recurrence.

7- Encouraging awareness of the importance of occupational safety and promoting safe behaviors in the workplace through awareness and training.

8. Strategies Education And learning:

Strategy Explanation of study materials by academic staff

Strategy

Knowledge

Through homework assignments for academic vocabulary

Strategy Discussion.
Self-learning strategy
Strategy Education
Electronic

Memory strategy

Strategy Deduction Ideas.
Strategy Providing examples and visiting the library and websites.

Strategies Education

Strategies Learning

9. Structure Decision:

Method Evaluation	Learning method	Name Unit or Topic	Learning outcomes required	Hours	weeks
,Reports Assignments, theoretical exams Oral and written semi -terms And a chapter	Blackboard slides Education PowerPoint Electronic	Introduction - Occupational safety	Introducing students to occupational safety and the basic skills of occupational safety	2	1

Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Occupational safety goals	Introducing the students The main objectives of occupational safety	2	2
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Definition of the work environment	Introducing students to the work environment	2	3
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Risk Management	Introducing the students Risks arising from work and their management	2	4
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Risk management objectives	Introducing the students With the main objectives of risk management	2	5
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Personal protective equipment - types and how to use	Students' knowledge of personal protective and equipment how to use it	2	6
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Chemical and physical risks	Students' knowledge of physical and chemical risks and ways to deal with them	2	7
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Types of fires and instructions for fire occurrence	Students' knowledge of the risks resulting from fires and how to deal with them	2	8
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Identify and investigate accidents	Learn how to recognize the causes of common accidents and accidents in the work environment	2	9
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	developing skills and emergency measures	Students' knowledge of ways to implement emergency plans	2	10

Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	To learn about the laws and regulations related to occupational safety	Students' knowledge of laws and regulations related to occupational safety	2	11
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	first aid	Students' knowledge of performing necessary and basic first aid	2	12
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Safety in closed spaces and confined spaces , the importance of mental health in the work environment and how to enhance it.	Students' knowledge of how to deal with safety procedures in closed spaces and ways to promote mental health	2	13
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	specific fields Safety in such as construction, chemical industry, oil and gas, medicine, agriculture, etc	Students' knowledge of safety methods in different fields	2	14
Theory exams Oral and written semi - terms And a chapter	Blackboard slides Education PowerPoint Electronic	Occupational safety assessment tools and how to use them.	Students' knowledge of occupational safety assessment tools and reports and how to use them	2	15

10. Evaluation The decision

Distribution Score from 100 onwards According to Tasks The taxpayer With it The student, for example Preparation Daily
And exams Daily And oral And monthly
And editorial And reports Etc

- Semester exam: 30 marks
- The final exam 70 marks

11. Sources Learning And teaching

Occupational Safety and Health for Technologists, Engineers, and
Managers” by David L. Goetsch and Eugene R. Braswell.2021

Introduction to Occupational Health in Public Health Practice” by
Bernard J. Healey, Kenneth T. Walker, and Elizabeth T.
Masters.2019

Prescribed books required)Methodology that
found(

<p>Safety Professional's Reference and Study Guide" by W. David Yates. 2019</p>	<p>Main references(Sources)</p>
<p>Occupational Health and Safety Management: A Practical Approach" by Charles D. Reese.2019</p>	<p>Books And references The support Which Recommended(scientific journals , reports)</p>
<p>Nour Library To download Books Free.</p>	<p>References electronic, Locations Internet</p>