

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



Academic Program and Course Description Guide

2024

Introduction:

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

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

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

Concepts and terminology:

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

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

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

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

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

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

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans .

Academic Program Description Form

University Name:- Al-Furat AL- Awsat Technical University

Faculty/Institute: Technical Institute / Al-Diwaniyah

Scientific Department: Department of Nursing Technologies

Academic or Professional Program: who

Final Certificate Name: Technical diploma

Academic System: Course system

Description Preparation Date: 2023\9\1

Signature:

Head of Department Name:

Assess.prof. Ghanim Awezz Abbas

Date:

Signature:

Scientific Associate Name:

Assess.prof. afrah abd-alwahd

Date:

The file is checked by: Assess.prof. afrah raheem Idan

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

Academic program description

**Reviewing the performance of higher education institutions
(((academic program review**

Description of the academic program

**Graduating technical personnel who hold a (technical diploma) title
(technical nurse) capable of carrying out the nursing tasks required to treat
.and care for the patient under the supervision of the doctor in the halls**

Educational institution, Al-Furat Al-Awsat Technical University	
University Department/Center for Nursing Technologies	University Department/Center for Nursing Technologies
WHO	Name of the academic program
Technical diploma	Name of the final certificate:
annual	The academic system is annual
Accredited Accreditation Program	WHO Accredited Accreditation Program
. Other external influences: the labor market does not absorb graduates	Other external influences: the labor market does not absorb graduates
9/1\2023	Date the description was prepared
9. Objectives of the academic program	

	Credit Hours	Course Name	Course Code	Year/Level
The first is basics of nursing Bachelor's degree	6	Internal surgical nursing		The first is basics of nursing
	4	Anatomy		
	4	Physiology		
	4	Microbiology		
	4	Biochemistry		
	2	My life stats		
	3	Computer applications (1)		
	2	Human rights and democracy		
	2	English language		
	2	Medical terminology		
	6	Health assessment		
	6	Surgical nursing		
	4	Medical viruses and parasites		
	4	Biochemistry		
	3	Computer applications 2		
2	Arabic language			
The first is basics of nursing Diploma degree	Level/year Course or course code Course or course name Credit hours			The second is basics of nursing
	6	Obstetrics and gynecology nursing		
	6	Psychiatric and mental health nursing		
	6	Primary health care		
	6	Pediatric nursing		
	2	Nutrition and food processing		
	2	research project		
	4	Pharmaceuticals		
	2	Professional ethics		
	3	Computer Applications(2)		

Program Skills Outline

				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
first		Nursing basics		+						+				+	
		Internal surgical nursing			+						+			+	
		anatomy			+					+				+	
		functions of organs						+		+				+	
		Microbiology		+							+			+	
		clinical Chemistry			+						+			+	
		My life stats				+				+				+	
		Computer Applications(1)				+				+				+	
		English							+	+					+
		medical terminology						+		+					+
		Health assessment		+						+					+
		Surgical nursing					+			+					+
		Medical viruses and parasites					+			+				+	
		Biochemistry		+						+				+	

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Department of Nursing Technology
3. Name/code of the course Basics of Nursing	fundamental of nursing
4. Programs in which WHO is included	Included
5. Available forms of attendance	Available forms of attendance
6. First semester/year	. First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	1\9\2023
9. Course objectives	
The student's ability to know information about nursing care	

General objectives:

The student can be able to know the general information about Nursing.

Specific objectives:

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

Weeks	Theoretical Topics
1st	Definition (fundamental of nursing, nursing, nurse, health, disease, patient, client, hospital) fields of nursing, role& responsibilities of nurse.
2nd	Admission & discharge of patient from hospital, Chart report, health record, nurse note (observations) of report. Nursing process (assessment, nursing diagnosis, planning, implementation, evaluation).
3rd	Vital signs , definition of temperature, type of check temperature , definition of fever, causes, signs & symptom, nursing care of it, define the pulse, qualities of pulse factors affecting of pulse, site of taking pulse, define of respiration, definition of blood pressure. Definition of diastolic & systolic pressure, the factors that affected.
4th	Administration OF medication , define of drug, Route of administration, Factors affecting on the drug activity, type of administration of medication and injection {I.M.I.V.,S.C.I.D,} Advantage& disadvantage.
5th	Intravenous infusion , Types of fluid, Indication &contraindication &role of Nurse in giving intravenous infusion.
6th	Dressings and Bandages , Advantage of dressing, Types of

<p>& 7th</p>	<p>dressings, Bandages are used to. Wounds & Bleeding, definition of wound, care and healing process, types of wound, phases of wound healing, type of wound exudate, function of exudate, factors affecting wound healing.</p>
<p>8th</p>	<p>Suture: Suture Classification, suturing techniques, Equipment's, Principles of suturing, Suture removal,</p>
<p>9th</p>	<p>Body mechanics, Body position, principle of body Mechanics, importance of exercises, Common Dangers of Immobility.</p>
<p>10th</p>	<p>Asepsis, Infection, stage of infection, Types of infection, Disinfection and sterilization surgical sterilization, Medical sterilization, kind of disinfectant and sterilization of surgical equipment, principle of Dressing .</p>
<p>11th</p>	<p>Body Hygiene, Purpose, Bathing Pressure Ulcer (Bed sores), Causes of bed sores, Areas of pressure sores, care and Prevention</p>
<p>12th</p>	<p>Blood transfusion role of Nurse in giving blood transfusion, indication& contraindication, the goal of blood transfusion.</p>
<p>13th</p>	<p>Administration of O₂, Types of giving O₂, the goals, nursing intervention, equipment, Artificial respiration</p>
<p>14th</p>	<p>Enteral feeding: types of feeding tube, feeding tube indications & contraindication, the goals of it, nursing intervention, techniques, Equipment's</p>
<p>15th</p>	<p>Definition of urinary catheterization, tracheotomy, pre-post-operative care. Complications of operative, nursing care of cardiac arrest and complication.</p>

Course description form

Reviewing the performance of higher education institutions ((academic
(program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Medical Nursing
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	Included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

General objectives:

The student can be able to know the general information about medical diseases and how can provide nursing care for patient.

Specific objective:

1. Learn about the mechanism of diseases, causes and risk factors, clinical signs, and how to reduce complications, and nurses
2. Responsibilities for patients and providing nursing care
3. Providing health advice and education to patients

Weeks	Theoretical Topics
1st	Concept of health and illness / medical terminology.
2nd	Cardiovascular system, physical assessment, and diagnostic tests, Cardiovascular diseases /definition atherosclerosis/ arteriosclerosis/ angina /type of angina /clinical manifestations, nursing interventions.
3rd	Myocardial Infarction/causes/signs and symptoms / diagnostic test/treatment/nursing intervention.
4th	Heart failure, Causes, Signs of left-sided heart failure and types of dyspnea, Signs right-sided heart failure, Diagnostic tests, Nursing Care, and management.
5th	Respiratory disorders /chronic obstructive pulmonary disease/chronic bronchitis. Causes/signs and symptoms / diagnostic test/treatment/nursing intervention.
6th	Neurologic Disorders / Stroke (C.V.A). Sign and symptoms /treatment/nursing care and education.
7th	The endocrine system, physical ,assessment and diagnostic tests, Diabetes Mellitus /definition types / sign and symptoms /treatment/nursing education.
8th	Viral Hepatitis, Types, causes sign and symptoms /treatment/nursing care and education.
9th	Pancreatitis causes sign and symptoms /treatment/nursing care and education.
10th	Blood diseases /Anaemia Types, causes sign and

	symptoms /treatment/nursing care and education.
11 th	Blood diseases /Leukaemia Types, causes sign and symptoms /treatment/nursing care and education.
12 th	Renal and urologic system, physical assessment and diagnostic tests, Renal Calculi /causes /sign and symptoms /types of urinary stone / diagnosis tests /treatment /nursing care.
13 th	Chronic renal failure /causes /diagnosis / treatment /nursing care.
14 th	Immunologic disorders / Acquired immune deficiency syndrome (AIDS). Sign and symptoms /treatment/nursing care.
15 th	Cancer Basics introduction / major risk factors /cancer screening / warning signs / tumor types /tumor staging and grading

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Antomy
3. Name/code of the course Basics of Nursing	Basics of Nursing

4. Programs in which WHO is included	Included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

General objectives:

The student can be able to know: Anatomy of the human body systems.

Specific objectives:

0. The organs of the body in relating to the surface of the body.

1. The relation of the organs of each system.

Weeks	Theoretical Topics
<p>-Anatomical Directions: Giving the altgram to the all directions of the human body.</p> <p>-Surface anatomy heart: Describe the position of the heart according to the chest wall and the number of the rib.</p>	1 st
<p>-Surface Anatomy of lungs: Describe the position of the lungs according to the chest wall and the number of the rib.</p> <p>-Anatomy of the abdomen surface: draw the regions of the abdominal surface according to the horizontally & vertically lines.</p>	2 nd
<p>-Anatomy of stomach: demonstrate the relation of the stomach to the other organs to the abdomen.</p> <p>-Anatomy of Intestine: demonstrate the relation of the Intestine to the other organs to the abdomen.</p> <p>-Anatomy of the Appendix: define the region of the appendix at the right iliac region.</p> <p>Anatomy of the liver & spleen: show them the regions of liver & spleen according to the surface anatomy of abdomen.</p> <p>-Anatomy of the gall bladder: determine the region of gall bladder at the right sub – costal region .define the region of the uterus at the supra – pubic region.</p>	3 rd

<p>Anatomy of the skeleton: We describe the central skeleton system: Skull – vertebral column & the peripheral. Bones of the skull and vertebral column: name the numbers of the bones on all at surfaces of the skull. Show the student the types of the vertebrae column and their numbers.</p>	4 th
<p>Anatomy of the upper limb: show the bones of the shoulder on the skeleton which is the scapula and the clavicle. Show the bones of the arm (humerus).</p>	5 th
<p>Anatomy of forearm - Show the bones of the forearm: (ulna and radius). - Demonstrate the bones of the hand : (Carpal bones and meta carpal and phalanges).</p>	6 th
<p>Anatomy of the Lower limb: Bones of the pelvis : define the bones of the pelvis which are : (Ilium and Ischium, Pubis and sacrum). Bones of the thigh: demonstrate of the skeleton the femur bone with the lower and upper ends.</p>	7 th
<p>Bones of the leg : show the bones which are : (Tibia & fibula) And extraction to the femur and the foot. Bones of the foot: describe the bones which are: (Tarsal & metatarsal & phalanges).</p>	8 th
<p>Anatomy of Musculoskeletal System Muscle of the shoulder : show them on the model all the muscles of the shoulder Anatomy of the chest wall : give the types and numbers of the ribs and declaration of the sternum</p>	9 th
<p>Muscles of the chest & abdomen : give the name of the muscles of the chest wall and abdominal wall. Muscles of the back & gluteal region : show the student muscles of the back and gluteal muscles</p>	10 th
<p>Anatomy of the cardio-vascular system : describe the anatomy and the structure of heart and the main arteries and veins around the body.</p>	11 th
<p>Anatomy of the digestive system: show them the model of the organs of the digestive system.</p>	12 th
<p>Respiratory system: demonstrate the lungs and bronchus and bronchi.</p>	13 th
<p>The urogenital system: show them the kidney and urinary bladder with exaltation to the uterus & prostate.</p>	14 th
<p>The central nervous system: describe the brain, cerebellum, medulla oblongata and the spinal cord.</p>	15 th

Course description form

Reviewing the performance of higher education institutions ((academic program ((review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Physiology
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	Included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023

9. Course objectives

The student's ability to know information about nursing care

General objectives: -

The student can be able to see the benefit of physiological processes in the human Nursing.

Specific Objectives: -

The student should be able to find out:

1. The various organs of the body.

2. Various body functions and physiological processes that take place inside the human body.

3. Devices used to measure and physiology.

4. How to use in measuring devices and physiology.

Theoretical Topics	
Weeks	Topics Details
1st	Introduction to physiology: The cell and general physiology
2nd	Membrane physiology: Transport of substances through the cell membrane, membrane potentials and action potentials
3rd	Contraction of skeletal muscle, excitation of skeletal muscle
4th	Contraction and excitation of smooth muscle
5th	Heart muscle; the heart as a pump and function of the heart valves
6th	The Normal Electrocardiogram
7th	Blood cells, immunity, and blood clotting
8th	The body fluid compartments: extracellular and intracellular fluids; interstitial fluid and edema
9th	Urine formation by the kidneys: Glomerular filtration, renal blood flow, tubular processing of the glomerular filtrate and their control
10th	Regulation of acid-base balance
11th	Respiration
12th	The nervous system: General principles and sensory physiology
13th	Gastrointestinal physiology
14th	Metabolism and temperature regulation
15th	Endocrinology and reproduction

Course description form

Reviewing the performance of higher education institutions ((academic
(program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Microbiology
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Objectives :-

Students will be to know

1. Microorganism, Viral and Bacteria.
2. Sterilization and Disinfection.
3. Medical microbiology.

4. Microbiology causes disease for human.
5. Prevention and treatment of disease.
6. Diagnosis of bacteria.
7. Sensitivity test for antibiotics.
8. Immunological defense mechanism against diseases.

Weeks	Theoretical Topics
1 st	History of biosafety microbiology and molecular biology Biosafety levels Personal protective equipments.
2 nd	Classification of microorganism. Cutaneous, Genitourinary, Gastrointestinal, Hepatic and Hemorrhagic viral diseases (Clinical appearances, diagnosis and treatment)
3 rd	General introduction of bacteriology General structure of bacteria. Sterilization and disinfection , Culture media and staining
4 th	Environmental conditions are affected on the growth of bacteria Stages of bacterial growth , Bacterial growth inhibition
5 th	Medical bacteria: Staphylococci Group , <i>Staphylococcus aureus</i> , <i>epidermidis</i> , <i>saprophyticus</i> , general characters, toxins, pathogenicity treatment.

6 th	Streptococci Group, Streptococcus pneumoniae:- general structure, diseases , pathogenicity and treatment S.viridans , S.faccalis , S.pyogens general structure , culture Media pathogenicity.
7 th	Neisseria group: General, meningococci, general structure, disease. Mycobacterium: Mycobacterium tuberculosis types, general structure, culture media resistance, disease cause, identification, treatment. Mycobacterium leprae: general characters, pathogenicity, diagnosis, treatment.
8 th	Clostridia (anaerobic): General characters, Clostridium tetani: description, disease factors

	enhance growth in the wounds, prevention treatment.
9 th	Gas gangrene (clostridial myonecrosis): Description, disease, treatment, food, poisoning clostridia, toxins secreted in the foods, symptoms, treatment. Bacillus anthrax: description, disease, treatment
10 th	Intestinal bacteria types, medical importance, general characters, cultures identification. pathogenic intestinal bacteria Salmonella group: symptoms, poisoning, treatment
11 th	Shigella disease: treatment, shigella food poisoning, symptoms, proteus, disruption, culture
12 th	Brucella: general characters, disease, diagnosis, treatment. bordetella, disruption morphology and culture, disease, treatment.
13 th	Vibrio comma: Cholerae, general characters, disease, identification, treatment
14 th	Trypanema: General characters diagnostic examination. leptospira :- characters, diagnosis, treatment
15 th	Immunity, infection, inflammation and resistance, non-specific natural defense, acquired immunity.

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Biochemistry
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023

9. Course objectives

The student's ability to know information about nursing care

Course objectives

General Aims

This course aims to provide students the understanding of the core principles and topics of Biochemistry and their experimental basis.

Specific Aims

Upon completion of the course, the students will be able to:

- **Determine the biochemical composition of the body.**
- **Know basic cellular structure.**
- **Know the special properties of water and how the aqueous environment influences the behavior of biological macromolecules.**
- **Know the structure of proteins, carbohydrates, lipid, hormones and nucleic acids.**
- **Determine the enzymatic activity.**
- **Know metabolic processes in cells.**

Week	Theoretical Topics
General chemistry - chemical reactions (oxidative, reduction, hydrolysis) - measurements in chemistry (qualitative & quantitative assays of substance)	1 st
I. History & scope of biochemistry II. Cell biochemistry -subcellular organelles & cell membranes (structure and functions) -mechanisms of regulation of PH - acid- base balance III. Homeostasis mechanisms IV. Transport through biological cell	2 nd
Water and electrolytes balance & imbalance I. Water - disturbance & balance - Intake & output of water II. Electrolyte - composition and disorder of (sodium, potassium, iron, calcium& chloride) III. Biomolecules - structures- functions- properties	3 rd
Amino acid &Proteins ➤ Amino acid • Classification & properties of amino acid • General metabolism of amino acid & formation of ammonia • Peptide synthesis ➤ proteins • Structures, properties & classification of protein • Function of protein • Catabolism & nitrogen balance • Urea cycle	4 th & 5 th
Enzymes ➤ Definition & general characteristic ➤ Classification ➤ Enzyme specificity	6 th

<ul style="list-style-type: none"> ➤ Enzyme catalysis& active site ➤ Factors influencing enzyme activity 	
Carbohydrate <ul style="list-style-type: none"> • Definition, classification& biological importance, Glycosidic bond • Metabolism of carbohydrate <ul style="list-style-type: none"> - Glycolysis & Gluconeogenesis - Glycogenolysis & Glycogenesis • Metabolism of disaccharide & polysaccharide • Energetic of metabolic cycle 	7th & 8th
Lipids <ul style="list-style-type: none"> ❖ Classification – structure – properties -Function ❖ Neutral fats (TAG)- storage, hydrolysis, ❖ Metabolism ❖ Cholesterol -function & metabolism ❖ Lipoprotein structure 	9th & 10th
Hormone <ul style="list-style-type: none"> ➤ Definition & function ➤ Mechanism of action of hormone ➤ Effect and properties of some hormones 	11th & 12th
Nucleotides <ul style="list-style-type: none"> ▪ N-bases, nucleosides, nucleotides, RNA& DNA ▪ Degradation of purine, pyrimidin & nucleotide ▪ Metabolism disorder of purine & pyrimidin ▪ free radicals - definition, generation - free radical scavenger(enzyme system) ▪ anti-oxidants (definition & types) - role of antioxidants in the body 	13th & 14th
Vitamins & minerals <p>I. Vitamins</p> <ul style="list-style-type: none"> ➤ definition, classification, sources, structure, deficiency & excess <p>II. Minerals</p> <ul style="list-style-type: none"> ➤ trace metals (Zn, Cu, Se and Co) ➤ metals poisoning (Hg, Cd, Al and Pb) 	15th

➤ detoxification & biotransformation

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	health statistics
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

General goals :-

At the end of the course, students will be able to process statistical data, analyze it, and communicate Correct conclusions and preparing statistical forms

Special objectives:-

The student learns about:-

Dealing with statistical data.

Dealing with and knowing life and health statistics.

Organizing the statistical form and the health form related to daily incidents such as births and deaths And diseases

The week	Vocabulary details
the first	Definition of statistics. Data collection methods - presenting and describing statistical data
II - V	Representing frequency distributions for "classified data"
Sixth and seventh	Tabular display "Frequency distribution tables"
VIII	Graphical display - histogram, histogram, histogram, and polygon.
Ninth	Measures of central tendency
The tenth and eleventh	-Arithmetic mean . The mediator. The mode.
twelveth	Life statistics, ratio and rate
Thirteenth	Fertility statistics.
fourteenth	Disease statistics - life tables.
Fifteenth	Definition of health statistics and its sources.

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Computer
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023

9. Course objectives

The student's ability to know information about nursing care

General goal: To provide the student with the skills of dealing with basic office applications and creating files

And office documents. The use of the operating system as well as the basics of working within the digital environment.

Specific objective: To provide the student with knowledge in managing and using various computer applications .

First semester (decision) 1		
the week	Theoretical vocabulary titles	Practical vocabulary titles
- Practical examples of browsing and opening	Computer basics	the first
Close windows and dialog boxes	Fundamentals Computer concept, phases	the second
The correct way to deal with	Computer life cycle, development of computer generations	the third
Keyboard and cursor	Classification of computer advantages and areas of use	the fourth
And other devices.	Computer in terms of purpose, size and type	Fifth

-Practical examples of customization	data	VI
--------------------------------------	------	----

Training the student to deal with	Computer software licenses and their types,	Seventh
Electronic hacking and its types	intellectual property, electronic hacking,	VIII
Types and recipes of viruses, how	Malware, the most important necessary steps	Ninth
Make a Backup() image	To protect against hacking and damage	The tenth
For computer protection	Computer on health	eleventh
Training the student to deal with systems	Operating Systems	twelveth
Operate, format and partition the disk	Definition of operating system, functions, goals	Thirteenth
Steel, internally and externally	Classification: Examples of some operating systems	fourteenth
-Training the student on installation	Operating Systems	Fifteenth

Course description form

Reviewing the performance of higher education institutions ((academic program ((review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	English
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

General Objective:

Students should be able to:

1. Develop their intellectual, personal and professional abilities.
2. Acquire basic language skills (listening, speaking, reading and writing) in order to communication with speakers of English language.
3. Acquire the linguistic competence necessarily required in various life situations.
4. Acquire the linguistic competence required in different professions.
5. Develop positive attitudes towards learning English.
6. Develop the linguistic competence that enables them, in the future, to present the culture and civilization of their nation.
7. Acquire the linguistic bases that enable them to participate in transferring the scientific and technological advances of other nations to their nation.

Special Objective:

With the change of the position of English in the new set up of Iraq, the aims and objectives of teaching English has naturally undergone a change. We have accepted English as a foreign language. English is , therefore, taught now as a skill, So the objectives of teaching English in this course will be the acquisition of linguistic or communicative skills. Again, to enable the student to read in English the subjects related to his specialization and to provide the opportunity to communicate with the

books and magazines and foreign research.

Ministry of Higher Education & Scientific Research

Technical Institutes - Nursing Departments

The Lesson Plan – Level 2

In this course of teaching English language, the students will develop their intellectual, personal and professional abilities, acquire basic language skills (listening, speaking, reading and writing) in order to communication with

Week	speakers of English language, also acquire the linguistic competence necessarily required in various life situations. And develop their awareness of the importance of English as a means of international communication.
First	Pronunciation . Translation. Everyday English (Directions)
Second	Grammar (was/ were, past tense , irregular verbs). Writing(Famous people). Vocabulary (Words groups) .
Third	Grammar (past simple, regular verbs, irregular verbs) . Listening (Mike's day), Writing (Last Saturday).
Forth	Everyday English (Fill in forms) Exercises .
Fifth	Listening (Can I be in your Pop group ?). Pronunciation (can / can't). Requests and offers .
Sixth	Everyday English (What is the problem?) . Vocabulary (odd one out)
Seventh	Translation . Reading (You are what you eat).
Eighth	Grammar (present continuous). Translation . Reading (Summer in Portugal).
Ninth	Everyday English (What is the matter ?) . Exercises .
Tenth	Grammar (present continuous for the future) . Listening (Hannah's diary).
Eleventh	Translation .

	Vocabulary (Transport and travel).
Twelfth	Reading and Speaking . Everyday English (going Sightseeing)
Thirteenth	Speaking (How to have good time in Sydney) . Exercises .
Fourteenth	Vocabulary (Months , sports) . Pronunciation (Who were they ?).
Fifteenth	Vocabulary (Adverbs) Everyday English (May I?) Exercises

Course description form

**Reviewing the performance of higher education institutions ((academic
((program review**

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Health Assessment
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6

8. The date this description was prepared: 9/12023

9/1\2023

9. Course objectives

Course Objectives:

At the end of this course the students will be able to:

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

weeks	Theoretical topics
1st &2nd	Introduction and Overview to Health Assessment: - General appearance Personal hygiene, Grooming , Dressing , Posture and gesture , Speech pattern , Orientation
3rd &4th	Integumentary System (skin, hair, nails)
5th	Head and neck
6th	Respiratory assessment
7th	Cardiovascular System
7th &8th	Peripheral Assessment
9th	Abdominal Assessment
10th &11th	Neurological System
12th &13th	Musculoskeletal System
14th	Reproductive System
15th	laboratory Test

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	surgical nursing
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

General objectives:

The student can be able to know the general information about surgical diseases and how can provide nursing care for patient.

Specific objective:

1-learn about the surgical nursing responsibility, complications and how to reduce and control of complication.

2- Responsibilities for patients before and after surgery

3- Providing health advice and education to patients

Weeks	Theoretical topics
1st	common of surgery abbreviation ,Hospital orientation,surgical terminology
2nd	Perioperative nursing intervention for patient
3rd	Surgical management of cardiovascular diseases/coronary an angioplasty/indication complication.
4th	Diagnostic procedures: cystoscopy, biopsy, renal angiography, define/ purpose/ intervention and responsibility before and after procedure.
5th	Gastrointestinal system/ physical assessment and diagnostic tests /appendicitis/causes path physiology sign and symptom/ treatment/ prepare for appendectomy .
6th	Intestinal obstruction sign and symptom/ treatment/ nursing care
7th	Kidney dialysis : hemodialysis / indication /complication / nursing care and education.
8th	Peritoneal dialysis/ indication /complication nursing care and education.
9th	Kidney transplantation: definition preoperative nursing intervention complication post-operative nursing care
10th	Hernia/types/ sign and symptom/ treatment/ nursing care and education.
11th	Fractures / types/ causes/ treatment and nursing intervention.
12th	Amputation/ types/ causes/ treatment and nursing intervention.
13th	Diabetic foot / causes /sign and symptom/ treatment/ nursing care and education.
14th	Para thyroidectomy: definition/ typy/ preoperative nursing intervention/ complication post-operative nursing care
15th	Definition of chemotherapy /side effects /method administration of chemotherapy / /patient education / nursing roles for patient injection.

Course description form

**Reviewing the performance of higher education institutions ((academic
(program review**

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Parasitology and Mycology
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Objectives :-

At the end of the course student will be able to know

- 1- Parasitology and Mycology.
- 2- Medical Parasitology (Protozoa and Worms).
- 3- Factor helps transmission of diseases.

- 4- Pathogenic Parasites.
- 5- Life cycle of the parasite.
- 6- Treatment of parasitic infections & Diagnosis of parasites.
- 7- Prevention and Control.
- 8- Fungal infection types, Clinical diagnosis, treatment.

Weeks	Theoretical Topics
1st	parasite definition , parasitology , host , commensalisms parasitism , parasite and pathogenicity
2nd	intestinal protozoa ,amoebic dysentery , shape life cycle symptoms , diagnosis, treatment. E.histolytica life cycle symptoms, diagnosis, treatment.
3rd	E. gingivalis life cycle symptoms, diagnosis , treatment. Acanthameoba life cycle symptoms , diagnosis , treatment.
4th	Intestinal flagella , giardia lamblia , shape , diagnosis , treatment . intestinal cilia: blanttidium coli- shape- life cycle disease diagnosis, treatment.
5th	N. fowleri life cycle symptoms , diagnosis , treatment. T. vaginalis life cycle symptoms, diagnosis, treatment.
6th	Blood unicellular parasite plasmodium: Life cycle – Laboratory Diagnosis – Disease Treatment.
7th	Leishmania donovani shape: Life cycle, Disease, diagnosis, Treatment. Leishmania tropica : Shape – disease, treatment.
8th	Toxoplasmosis: shape- life cycle disease diagnosis , treatment .
9th	Intestinal worms : pin worme , enterobius , shape , male , femal , egg , life cycle , disease , treatment
10th	Ascaris : shape , (male , femal , egg) life cycle , disease , diagnosis , treatment .
11th	Tap worms: Taenia solium & Taenia saginata:- shape, life cycle, diagnosis , treatment

12 th	Schistosoma hacmatobium : Shape , male , femal , egg , life cycle , disease, diagnosis , treatment .
13 th	Hydatid cyst: shape, life cycle, diagnosis, treatment.
14 th	Mycology : Introduction general, classification of fungi.
15 th	Fungal infection types, Clinical diagnosis, treatment

Course description form

**Reviewing the performance of higher education institutions ((academic
(program review**

Course description

**The student learns how to measure vital signs, know the manager's conditions,
how to take care during a medical examination, how to thread needles, and
sterilization methods**

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Human rights
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023

9. Course objectives

The student's ability to know information about nursing care

Theoretical vocabulary	
The week	Vocabulary details
the first	Human rights - their definition - their meaning.
the second	The roots and development of human rights in human history - human rights in ancient times
the third	And the intermediate
the fourth	Human rights in ancient civilizations, especially the Mesopotamian civilization.
Fifth	Human rights in heavenly sails, with a focus on human rights in Islam.
VI	Human rights in the Middle Ages - human rights in doctrines, schools and theories
Seventh	Political – human rights in companies, their declarations, charters and constitutions such as English
VIII	- The American Aura - The French Aura - The Russian Aura - Human Rights in History
Ninth	Contemporary and modern – international recognition of human rights since World War I
The tenth	And the United League of Hope
eleventh	Regional recognition of human rights - European Convention on Human Rights - 0591 Convention
twelveth	American Commission for Human Rights - 0595 African Charter for Human Rights - 0590 MIAC
Thirteenth	Nudity for human rights. 0551
fourteenth	Non-governmental and human rights organizations such as the International Committee of the Red Cross - Amnesty
Fifteenth	International - Human Rights Watch.

Course description form

**Reviewing the performance of higher education institutions ((academic
((program review**

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	obestetric Nursing
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. semester/year	Second /year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Nursing Department

Subject	Year the study	semester	Hours		
Second semester	Theory	practice	Total	obestetric Nursing	Second Year

2

4

6

second semester

Week	Theory Topics
Normal pregnancy –signs and symptoms of pregnancy(presumptive, probable and positive signs). Stages of pregnancy (ovulation, insemination, fertilization – implantation). Calculation of the expected date of delivery.	1
Size and development of the fetus. Placenta-umbilical cord, fetal membranes and amniotic fluid. Antenatal care (Nursing care and advices during pregnancy about rest , sleep , diet , exercise , and breast care).	2
General complications during pregnancy Hyperemesis gravidarum , hemorrhoid, heart burn , edema , constipation , varicose vein , and anemia , DM.	3
Complication of pregnancy – hypertension causes, signs and symptoms , complication and treatment and nursing care . Toxemia of pregnancy – causes-signs and symptoms , complication , treatment and nursing care .	4
Uterine bleeding during pregnancy before 28 week of pregnancy . (Abortion and their types , ectopic pregnancy , Hydatidiformmole) causes , signs and symptoms and nursing care .	5
Bleeding after 28 week of pregnancy (placenta previa and abruptia placenta) causes , signs and symptoms , nursing care .	6
Normal labor – definition of normal labor, signs of false and true	7

labor. Premonitory signs of labor . Stages of labor. First stage (dilating stage) . Second stage (baby delivery) . Third stage (delivery of placenta). Nursing care and advices during the stages of labor .	
Preparation for normal labor . - Prepare the pregnant women . - Advising about diet , exercise , perineal care , walking . - Checking uterine contraction , fetal heart , vaginal examination . Mechanism of labor (definition , causes , show , the onset of labor , rupture of membrane).	8
Mechanism of first stage of labor . Mechanism of second stage of labor . Mechanism of delivery or signs of placenta separation .	9
Presentation of fetus . - cephalic – breech – transverse – face – umbilical cord , causes and nursing care . Mechanism of presentation .	10
-Induction of labor .(definition , causes , nursing care). - Methods of induction of labor .	11

- Artificial rupture of membrane .
- Forceps delivery.
- Episiotomy .
- Version.
- Vacuum.
Causes , complication , nursing care.

Complication of labor .
Complication of first stage (rupture of membrane ,
cord prolapse).
Complication of second stage (uterine rupture , tears
(and nursing care) uterine version (causes , signs and
symptoms and
nursing care) .
Newborn baby (physical characteristics of newborn
baby). Nursing care (care of the eyes, umbilical
cord , cleaning the
airway , weight and recording)

Puerperium (definition , the normal duration of
puerperium , the
physiological changes during puerperium and
nursing care .
Complication of puerperium .
Puerperial infection (definition , causes signs and
symptoms and

12

13

nursing care). Endometritis (signs and symptoms and nursing care).	
Lactation (types , advantages and methods of lactation). Nursing care and advising about breast feeding . Complication of breast feeding (engorgement mastitis , and breast abscess) causes signs and symptoms and nursing care.	14
Cesarean section – causes , types . Nursing care – pre and post operative care , complication and contraindication	15

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Psychiatric & mental Nursing
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023

9. Course objectives

The student's ability to know information about nursing care

Name of the material in the language	Name of the material in the language	Name of the material in the language	Name of the material in the language	Name of the material in the language	Name of the material in the language
English	Psychiatric & mental Nursing	Chapter II	My total work	theoretical	Chapter II

Theoretical vocabulary	
The week	Vocabulary details
the first	Mental illnesses:
the second	Anxiety: Types of anxiety - Subjective anxiety - Normal anxiety - Normal objective anxiety
the third	- Nervous anxiety - Anxiety treatment - Psychotherapy - Environmental therapy - Social therapy -
the fourth	Chemotherapy.

Fifth	hypochondria:
VI	The individual's preoccupation with his health in a pathological manner - the relationship of hypochondria to other psychological illnesses - anxiety - depression - cases of

	hypochondria
Seventh	Hysteria - the individual's feeling of extra caution in his public relations.
VIII	Suicide:
The ninth and tenth	-1 Attempting suicide - the reasons leading to the suicide attempt - ways to use defensive tricks to justify -
Eleventh	Types of suicide attempts, such as psychological harm by taking quantities of medications - using gases
Twelveth	Toxic - use of cutting weapons.
Thirteenth	2-Motives for suicide, such as feeling sad - pessimism - feeling guilty - emotional failure - loss
Fourteenth	Mental illnesses of organic origin:
Fifteenth	Geriatric psychosis - its nature - its causes - methods of care - mental disorders resulting from psychosis

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Community health service
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included

5. Available forms of attendance	5. Available forms of attendance
6. semester/year	Second /year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

name	In the arabic language	Community health services	the year	the chapter	Weekly hours
Subject	Community health	theoretical	Scholarship	Academic	
in English	service. service	the second	practical	6	4

Theoretical vocabulary	
The week	Vocabulary details
the first	Stages of vaccine distribution - caring for vaccines in the refrigerator - health center - the role of the nurse in the cold chain
the second	- Register .
the third	Prevention of infectious diseases - (infectious diseases - their types) - epidemics - endemic diseases.
the fourth	Infection process - actions taken towards the pathogenic source and causes.
Fifth	Measures taken towards the environment - prevention of communicable diseases.
VI	International procedures.
Seventh	Occupational health - its objectives - occupational factors that affect the health of workers inside laboratories - characteristics of the environment in
VIII	Laboratory and its conditions.
The ninth and tenth	Health care curriculum for workers - the role of the nurse in occupational health.

eleventh	Environmental health - the most important components of environmental health - healthy housing - water health.
twelveth	Atmospheric health - nutritional health - its importance - its components.
Thirteenth	Explaining waste - its causes - the role of the nurse in environmental health.
fourteenth	Food menus - factors affecting community nutrition - nutritional education - nutritional educational program -
Fifteenth	And nutritional guide meals.

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Pediatric disease nursing
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	5. Available forms of attendance
6. First semester/year	First semester/year

7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	9/12023
9. Course objectives	
The student's ability to know information about nursing care	

Year the study	semester	Hours	Subject		
Pediatric disease nursing	Second Year	second semester	Theory	practice	Total

Weeks	Theory Topics
1	Malnutrition Diseases : 1- Marasms 2- Rickets 3- Kwasshiokor . 4- Tetancy 5- Scurvy disease , Causes , The factors influence , Nursing care , prevention .
2	Nursing care with Respiratory disease . 1- Acute Nasophryingitis (Common cold) . 2- Tonsillitis . 3- Otitismedia .
3	- Pneumonia , staph or strep pneumonia. - Viral pneumonia , Mechanical pneumonia . - Asthma .
4	Nursing care of gastro – Intestinal disorder . 1- Acute (Gastritis) . 2- Gastro - - enteritis . 3- Abdominal Colic .
5	4- Vomiting 5- diarrhea 6- Constipation .
6	Congenital digestive . 1- Cleft lip . 2- Cleft palate . 3- Rectum obstruction .
7	Nursing care of urinary condition system . 1- Acute Glomerulonephritis . 2- Nephritic syndrome (nephrosis) . 3- Pye lonephritis (pyelitis) . 4- Renal failure .
8	The nursing care of heart and blood disease

	<p>1- Anemia 2-Thalassema 3-leukemia 4-Hemophilia 5-Christmas 6-congenital heart disease 7- Congestive heart failure</p>
9	<p>The nursing care of nervous system 1. mastoiditis 2. brain abscess and meningitis 3. hydrocephalus 4. spina bifida</p>
10	<p>Nursing care at communicable disease 1. pulmonary tuberculosis 2. measles 3. German measles 4. mumps 5. diphtheria 6. Pertussis 7. tetanus 8. Poliomyelitis 9.chickenpox 10 .Infection hepatitis 11.Typhoid fever</p>
11	<p>Nursing care at endocrine disorders 1. hypothyroidism 2. hyper thyroidism 3. diabetes</p>
12	<p>The contaminated environment influence of health baby 1. cholera 2-maltese fever The endemic disease and influence of health child :- 1. malaria 2- trematoda 3. tinia solium ,tinia saginata ,oxyuris ,anglistoma</p>
13	<p>Handicap children :- 1- Definition the handicap or hindrance child . 2- Types of handicap including :- (Physical , psychosocial , mental) . Rehabilitation center . - Handicap prevention and nursing care .</p>
14	<p>Prevention of child from accident . 1- Poisoning 2- Burns 3- injuries 4- Jumping on a high level or accident or run over .</p>
15	<p>The nursing care of the dying child .</p>

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Nutrition and diet therapy
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	Available forms of attendance
6. semester/year	Second semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	: 9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Subject	Year the study	semester	Hours		
Second semester	Theory	practice	Total	Nutrition and diet therapy	Second Year
2	-	2			

Theoretical vocabulary	
The week	Vocabulary details
the first	Healthy nutrition - the importance of balanced food - how the body uses food.
	Daily nutritional standards and recommendations - nutritional needs of individuals.
the second	Nutrients in food - carbohydrates - their classification - their functions - carbohydrates in food -
	Carbohydrate needs - dental caries.
the third	Natural dietary fiber - its sources - the importance of fiber - the relationship of fiber to heart disease
the fourth	Fats - essential fatty acids - the role of fats in the body - fats in food - nutritional needs
	- The relationship of fats to heart disease and cancer.
Fifth VI	Energy - the body's need for energy - energy balance - the caloric value of foods - nutritional tables.
Seventh	Water - its distribution in the body - its functions - the individual need for water for electrolytes in the body - sodium - potassium -
VIII	Chloride. Mineral salts - calcium - iron - iodine.
Ninth	Fat-soluble vitamins Vitamin.. K. D. A

The tenth	-1 Nutrition during pregnancy - nutritional needs.
&	-2 Nutrition during breastfeeding - nutritional needs.
eleventh	-3 Nutrition of infants - nutritional needs. – Solid food – weaning foods.
Twelve –fifteen	-4 Nutrition in early childhood - nutritional needs.

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Professional behavior
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	Included
5. Available forms of attendance	Available forms of attendance
6. semester/year	. second /year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	: 9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Name of the unit/course or subject	the week
Professional behavior - its definition - its concept - its practical applications - the relationship between employees and their superiors.	the first
Principles of professional ethics in the stages of cultural developments - the history of nursing - the beginning of nursing - nursing in different religions - nursing in early Islam - Arab and Islamic civilization.	
Modern nursing - nursing in Iraq - development of the profession - opening schools, institutes and colleges for nursing.	the second
The importance of professional ethics - the qualities and morals that must be present in a male and female nurse - the historical roots of nursing professional ethics - the characteristics of modern nursing.	the third
Professional constitutions and their benefits - definition of the law - definition of the professional ethics constitution - benefits of profession constitutions.	the fourth
Code of Nursing Services - Humanity of Nursing - International Nursing Council Code and the Nurse's Basic Responsibility.	Fifth
The nurse and relationships - the relationship of the nurse and people - the relationship of the nurse and the practice of the profession - the relationship of the nurse and society - the relationship of the nurse and those working with her - the relationship of the nurse and the profession - the relationship of the nurse and the doctor - the relationship of nurses among themselves.	VI
Values and their effects on the practice of the profession - definition of values - classification of values - nursing and values - formation of values - methods of forming values - the effect of growth on the acquisition of values.	Seventh
Classification of values - theoretical values -	VIII

economic values - aesthetic values - social values - religious values - political values.	
Personal and professional values in nursing - types of values - personal values of the nurse - professional values of the nurse.	Ninth
Habits and their impact on nursing practice - definition of habits - types of habits - motor habits - intellectual habits - emotional habits - congenital habits.	The tenth
Habits and nursing - Habits that must be adhered to or changed - Methods of developing habits - Means of developing habits - Methods of correcting habits - Religion - Traditions.	eleventh

Course description form

Reviewing the performance of higher education institutions ((academic ((program review

Course description

The student learns how to measure vital signs, know the manager's conditions, how to take care during a medical examination, how to thread needles, and sterilization methods

1. Educational institution, Al-Furat Al-Awsat Technical University	1. Educational institution, Al-Furat Al-Awsat Technical University
2. University Department/Center, Department of Nursing Technology	Computer
3. Name/code of the course Basics of Nursing	Basics of Nursing
4. Programs in which WHO is included	included
5. Available forms of attendance	Available forms of attendance

6. First semester/year	. First semester/year
7. Number of study hours (total) 6	6
8. The date this description was prepared: 9/12023	: 9/1\2023
9. Course objectives	
The student's ability to know information about nursing care	

Name of the unit/course or subject	the week
The concept of networks and their types - the concept of the Internet - its operation.	1-3
- Description of the main screen and its components - How to connect to the World Wide Web (Web).	4-6
- Taking advantage of famous search engines such as Goggle and Yahoo.	7-8
The concept of networks and their types - the concept of the Internet - its operation.	8-10
- Description of the main screen and its components - How to connect to the World Wide Web (Web).	11-13
- Taking advantage of famous search engines such as Goggle and Yahoo.	14-15