Southern Technical University

Technical institute /Amara

Medical laboratory techniques department

Academic Program And Course Description Guide

2026-2025

The introduction

The educational program is considered a coordinated and organized package of academic courses that include procedures and experiences organized in the form of academic vocabulary, the main purpose of which is to build and refine the skills of graduates, making them qualified to meet the requirements of the labor market. It is reviewed and evaluated annually through internal or external audit .procedures and programs such as the external examiner program

The description of the academic program provides a brief summary of the main features of the program and its courses, indicating the skills that students are working to acquire based on the objectives of the academic program. The importance of this description is evident because it represents the cornerstone of obtaining program accreditation, and the teaching staff participates in writing it .under the supervision of the scientific committees in the scientific departments

This guide, in its second edition, includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the latest developments in the educational system in Iraq, which included a description of the academic program in its traditional form (annual, quarterly), in addition to adopting the description of the academic program circulated according to the book of the Department of Studies T M3/2906 On 3/5/2023 with regard to programs that adopt the Bologna Process as a basis for their work

In this area, we can only emphasize the importance of writing descriptions of academic programs and courses to ensure the smooth conduct of the educational .process

:Concepts and terminology

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

Course Description: Provides a necessary summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he or she has 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 .a developed, inspiring, motivating, realistic and applicable programme

The program's mission: It briefly explains the goals and activities necessary to .achieve them, and also defines the program's development paths and directions

Program objectives: These 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/study subjects included in the academic program according to the approved learning system (semester, annual, Bologna track), whether it is a requirement (ministry, university, college, or scientific department), .along with the number of study units

Learning outcomes: A consistent set of knowledge, skills, and values that the student has acquired after the successful completion of the academic program. The learning outcomes for each course must be determined in a way that achieves the .program objectives

Teaching and learning strategies : They are the strategies used by the faculty member to develop the student's teaching and learning, and they are plans that are followed to reach the learning goals. That is, it describes all curricular and extracurricular activities to achieve the learning outcomes of the programme

Academic Program Description Form

University Name: Southern Technical University
Faculty/Institute: Technical Institute of Architecture
Scientific Department: Nursing techniques
Academic or Professional Program Name: Diploma in nursing techniques
Final Certificate Name: Diploma in Nursing
Academic System: quarterly
Description Preparation Date: 5/10/2023

Signature:
Head of Department
Name: Dr. Mahdi Sayid Shkheinib
Date:

Signature
Scientific Associate
Name: Jehad Kadhum Mohammed
Date:

File Completion Date: 28/3/2024

The file is checked by:
Department of Quality Assurance and University Performance.
Director of the Quality Assurance and University Performance Department:
Ali Maher Adnan
Date: 11/1/2026
Signature:

Signature:
Approval of the Dean
Prof. Dr. Muhammed Saleh Abd Ali
Date:

1. See the program
The department aims to graduate technical nursing personnel capable of providing nursing care to the individual, family, and community under the supervision of a .doctor in the lobbies of hospitals and health centers as well as private clinics The Department of Nursing Technologies represents an effective means of meeting the community's need for specialized cadres to support various health, research and educational institutions, in addition to investing the energies of teachers and students in primary and graduate theoretical and applied scientific research and .studies

2. Program message
Working to prepare and graduate leading scientific and leadership competencies in nursing, its sciences and arts, and to develop the balance of knowledge in the field of scientific research to serve the local, regional and international community, as well as training and refining the minds of students scientifically and cognitively, and emphasizing social and cultural values and responding to the requirements of the .local market

3. Program Goals

:The department aims for the graduate to be qualified to do the following

1- Receiving the patient and nursing documentation of all necessary nursing procedures in the patient's tympanum
2- Assisting the doctor during the patient's examination
3- Distribution and administration of medications prescribed by the doctor
4- Preparing the patient psychologically and physically before performing the surgical operation and caring for the patient after the operation, which includes taking care of washing the patient
5- Assisting the doctor in giving and withdrawing fluids and blood transfusion
6- Helping a patient who is unable to eat if he is unable to do so
7- Washing and sterilizing the tools used to care for the patient
8- Providing nursing care in dialysis units , cardiac resuscitation, respiratory resuscitation, and cardiovascular surgery units
9- Health education for the patient and his family
10- Vaccination campaigns in health centers
11- Implementing health education and health programs
12- .Providing health services and mother and child care in health centers
13- Home visits to provide services to the mother and child and vaccinate against .diseases
14- Participate in school visits to learn about the procedures used in providing .health services

4. Program accreditation

(He worked as a nurse in hospitals , health centers and all other health institutions

5. Other external influences

There is a close relationship with the labor market that receives our graduates , as the opinion of the labor market is taken into account in the academic curricula

6. Program structure				
Program structure	Number of courses	Study unit	percentage	* comments
Enterprise requirements	16 The first stage 16 The second stage	60 64	100%	13 specialized 12 assistant 7 general
College requirements	Yes			
Department requirements	Yes			
summer training	Yes	60 training days		
Other				

.Notes may include whether the course is core or elective *

7. Program description				
Year/level	Course or course code	Name of the course or course	Credit hours	
			theoretical	practical
2025-2026 first stage first semester	NURfun11	Fundamentals of nursing	2	4
	NURmed11	Medical nursing	2	4
	NURana11	anatomy	2	2
	NURmic11	Microbiology	2	2
	NURbio11	Biochemistry	2	2
	NURter11	medical terminology	2	---
	NURhum11	Human rights and democracy	2	---
	NURcomp11	Computer applications/١	1	1
2025-2026 first stage secondary semester	NURhea12	Health assessment	2	4
	NURsur12	Surgical nursing	2	4
	NURphy12	Physiology	2	2
	NURvir12	Medical viruses and parasites	2	2

	NURcli12	clinical Chemistry	2	2
	NURbios12	Bioststics	2	---
	NURarb12	Arabic language\1	2	---
	NURengl12	English language\1	2	---
2025-2026 secondary stage first semester	NURmat21	Maternity nursing	2	4
	NURchi21	Child growth and development	2	4
	NURpri21	Primary health care	2	4
	NURpsy21	Principles of psychiatric nursing	2	4
	NURpha21	Pharmacology	2	---
	NURgra22	Graduation project	---	1
	NUReth21	Professional ethics	2	---
	NURcri21	Crimes of the baath regime in Iraq	2	---
	NUReng21	English language\2	2	---
2025-2026 secondary stage secondary semester	NURobs22	Obstetrics nursing	2	4
	NURped22	Pediatric nursing	2	4
	NURcomm22	Community health services	2	4
	NURpsy22	Psychiatric and mental health nursing	2	4
	NURnut22	Nutrition and therapeutic nutrition	2	---
	NURcomp22	Computer applications\2	1	1
	NURarb22	Arabic language\2	2	---
	NURgra22	Graduation project	---	1

8. Expected learning outcomes of the programme	
Knowledge	
1- Knowledge of collecting general information about .nursing 2- History of nursing, hospital departments, and other .health institutions in Iraq 3- Knowing general information about internal medicine and surgical nursing and the basic needs of the patient and providing comfort and complete	

care for patients to meet their needs 4- Knowledge of the anatomy of the human body's systems and the function of each organ	
Skills	
1- Receiving the patient and nursing documentation of all .necessary nursing procedures in the patient's tympanum 2- .Assisting the doctor while examining the patient 3- Distribution and administration of medications .prescribed by the doctor 4- Preparing the patient psychologically and physically before performing the surgical operation and caring for the patient after the operation, including care for washing the .patient 5- Assisting the doctor in giving and withdrawing fluids and .blood transfusions 6- Washing and sterilizing the tools used to care for the .patient 7- Giving nursing care in dialysis units , cardiac resuscitation, respiratory resuscitation, and cardiovascular .surgery units 8- .Health education for the patient and his family 9- .Vaccination campaigns in health centers 10- .Implementing health education and health programs 11- Providing health services and mother and child care in .health centers 12- Home visits to provide services to the mother and child .and vaccinate against diseases Participate in school visits to learn about the procedures .used in providing health services	
Value	
1- Developing students' abilities to share ideas 2- Expressing one's thoughts and feelings regarding life matters, including scientific subjects	

9. Teaching and learning strategies

Traditional lectures, dialogue, discussion, showing scientific films and videos related to the basics of nursing, such as physical examination, methods of administering medications, methods of suturing wounds... etc., scientific visits .for information

10. Evaluation methods
.Weekly, monthly, daily exams and the end-of-semester exam

11. education institution						
Faculty members						
Scientific rank	Specialization		Special requirements/ skills (if any)		Preparing the teaching staff	
	general	private			staff	lecturer
Professor	PhD in Life Sciences	Microbiology			1	
Professor	PhD	English Language				1
Assistant Professor	PhD in Nursing	Pediatric Nursing			1	
Assistant Professor	Master's in Nursing	Pediatric Nursing				1
Assistant Professor	Master's	Mathematics			1	
Lecturer	PhD in Life Sciences	Parasitology			1	
Lecturer	PhD in Life Sciences	Microbiology			1	
Assistant Lecturer	Master's in Nursing	Psychiatric Nursing			1	
Assistant Lecturer	Master's in Nursing	Medical-Surgical Nursing			1	

Assistant Lecturer	Master's in Education	Educational Psychology			1	
Assistant Lecturer	Master's in Physical Education	Physiology Physical Education			1	
Assistant Lecturer	Master's in Law	Law			1	

Professional development
Orienting new faculty members
1- Holding workshops, seminars and seminars on developments in the field of nursing 2- Put them in courses to develop administrative skills, the art of time management, and smart skills Keeping up with and following up on the implementation of the government program
Professional development for faculty members
The general focus is on continuous improvement, as the Nursing Technology Department always seeks to improve the scientific and administrative process and overcome the difficulties and obstacles that hinder the educational program .through human development to develop personal and professional skills

12. Acceptance standard
1- Rate 2- Scientific branch 3- Personal interview for the student 4- Determine the ratio of males to females 5- Taking into account the specialization lessons within the general average 6- Determining the number of students planned to be accepted after reviewing the relevant authorities in the specialty (for example , "forming a committee .("between the institute and the health departments in the governorate

13. The most important sources of information about the program

1- The curriculum approved by the Ministry of Higher Education and Scientific Research and guidance manuals
2- Decisions and recommendations of the scientific committees at the Southern Technical University
3- Courses in teaching methods
4- Self-assessment report(SAR) for previous years
5- Description of courses

14. Program development plan

1- Adding materials that keep pace with the change and development in nursing techniques
2- Deleting and creating old materials while retaining them With the basics and their sustainability
3- Motivating and encouraging scientific and practical visits to hospitals, health centers and other health institutions
4- Curriculum development

Program skills chart															
Learning outcomes required from the programme															
Value				Skills				Knowledge				Essential or ?optional	Course Name	Course Code	Year/level
C٤	C٣	C٢	C١	B٤	B٣	B٢	B ١	A٤	A٣	A٢	A١				
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Fundamentals of nursing	NURfun11	2025-2026 first stage first semester
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Medical nursing	NURmed11	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	anatomy	NURana11	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Microbiology	NURmic11	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Biochemistry	NURbio11	
*	*	*	*					*	*	*	*	Assistance	medical terminology	NURter11	
*	*	*	*					*	*	*	*	General	Human rights and democracy	NURhum11	
*	*	*	*	*	*	*	*	*	*	*	*	General	Computer applications/١	NURcomp11	
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Health assessment	NURhea12	2025-2026 first stage secondary semester
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Surgical nursing	NURsur12	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Physiology	NURphy12	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Medical viruses and parasites	NURvir12	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	clinical Chemistry	NURcli12	
*	*	*	*					*	*	*	*	Assistance	Bioststics	NURbios12	
*	*	*	*					*	*	*	*	Assistance	Arabic language\1	NURarb12	
*	*	*	*					*	*	*	*	General	English language\1	NURengl12	
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Maternity nursing	NURmat21	2025-2026 secondary stage
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Child growth and development	NURchi21	

*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Primary health care	NURpri21	first semester
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Principles of psychiatric nursing	NURpsy21	
*	*	*	*					*	*	*	*	Assistance	Pharmacology	NURpha21	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Graduation project	NURgra22	
*	*	*	*					*	*	*	*	Assistance	Professional ethics	NUReth21	
*	*	*	*					*	*	*	*	General	Crimes of the baath regime in Iraq	NURcri21	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	English language\2	NUReng21	
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Obstetrics nursing	NURobs22	2025-2026 secondary stage secondary semester
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Pediatric nursing	NURped22	
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Community health services	NURcomm22	
*	*	*	*	*	*	*	*	*	*	*	*	Specialized	Psychiatric and mental health nursing	NURpsy22	
*	*	*	*					*	*	*	*	Assistance	Nutrition and therapeutic nutrition	NURnut22	
*	*	*	*	*	*	*	*	*	*	*	*	Assistance	Computer applications\2	NURcomp22	
*	*	*	*					*	*	*	*	Assistance	Arabic language\2	NURarb22	
*	*	*	*	*	*	*	*	*	*	*	*		Graduation project	NURgra22	

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

Course description form

1. : Course Name	
Fundamental of nursing	
2. :Course Code	
3. Semester/Year: Annual	
quarterly	
4. Date this description was prepared: 15/7/2026	
5. Available forms of attendance:	
In person	
6. :Number of study hours (total)/number of units (total)	
90 hours \ 6 units	
7. Name of the course administrator (if more than one name is mentioned)	
Name: Raad Hashm Zmym	
8. Course objectives	
● ..... ● ..... ●	:General goals That the student can know general information about .nursing : goal History of nursing, nursing, nursing, hospital departments, • .health agency in Iraq Vital signs - temperature - breathing - blood pressure and • .methods General medication management and pharmaceutical • .laboratory Methods of administering oxygen, chest section, arterial • .breathing from mouth to mouth .Normal feeding and stomach emptying • .Physical examination and laboratory testing • .Preoperative care • .First aid and civil challenge • .Make practices in collecting samples •
9. Teaching and learning strategies	
1- .Educational strategy, collaborative concept planning 2- .Brainstorming education strategy 3- Education Strategy Notes Series	The strategy
10. Course structure	

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Weekly, monthly, daily, and written exams, and the end-of-semester . exam	a lecture discussion feedback Fadwaiy at show And movies Show posters	Definitions of nursing nurse and patient	Learn about the basics of nursing, health and illness, and the role and responsibilities of the nurse in the field of nursing	6	the first
		Patient entry and exit from the hospital and nursing operations	Identifying patient requests and how to record information in them and nursing documentation Identify nursing processes (assessment, diagnosis, planning, implementation, (evaluation	6	the second
		Vital Signs	Identify human vital signs (temperature, pulse, respiration, blood pressure) and nursing care for fever	6	the third
		Methods of administering medications	Definition of the drug, methods of administering the drug, and factors that affect the drugs	6	the fourth
		Intravenous infusion	Knowledge of the types of intravenous fluids, contraindications for administration, and the role of the nurse in giving intravenous fluids	6	Fifth
		Bandaging	Knowledge of dressings and the types of dressings used	6	VI
		Bleeding and wounds	Knowing the types of wounds and the factors that affect bleeding and caring for them	6	Seventh

		Suturing wounds	Knowledge of types of surgical sutures and wound suturing techniques	6	VIII
		Body position	Knowing the correct body positions, the importance of exercise, and the common dangers of lack of movement	6	Ninth
		Sterilization and disinfection	Injuries and infections, their types, and how to prevent them	6	The tenth
		Body hygiene and bed sores	Learn about the importance of personal hygiene for the patient and how to prevent bed sores	6	elevent h
		Transfusion	Knowing the role of the pathogen in the blood transfusion process, contraindications to blood transfusion, and the purpose of the transfusion	6	twelvet h
		Giving oxygen	Identify the types of oxygen administration, the tools used, and its purpose	6	Thirteen th
		Nasogastric tube feeding	Identify the types of feeding tubes, their purpose, and contraindications for their use	6	fourtee nth
		Pre- and post-operative care	Learn about the importance of pre- and post-operative care and how to prevent surgical complications	6	Fifteent h
11. Course evaluation					
:Distribution as follows20 marks for theoretical exams in the first half of the + semester20 + marks for practical exams in the first half of the semester 10 works) .for the first semester10 + marks for final practical exam 40marks for the end of					

(the first semester	
12. Learning and teaching resources	
Nadecra H. Fundemental of Nursing (practices) Foundation of Technical Education. Mousl , 2000	Required textbooks (methodology, if any)
Naaheda . M Fundemental of Nursing (theory Foundation of Technical Education Baghdad 2000.	Main references (sources)
Spring house corporation, Nursing, procedures, publication, Data. 1997.	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

1. : Course Name	
Medical nursing	
2. :Course Code	
3. Semester/Year: Annual	
quarterly	
4. Date this description was prepared: 15/7/2026	
5. Available forms of attendance:	
In person	
6. :Number of study hours (total)/number of units (total)	
90 hours \ 6 units	
7. Name of the course administrator (if more than one name is mentioned)	
Name: M. Mustafa Salem Abdel Reda	
8. Course objectives	
● …… ● …… ● ……	- :General goals The student will be able to know general information about internal medicine nursing , the basic needs of the patient, and provide comfort and complete care for patients to meet

	.their needs -:Specific objectives Providing nursing care for patients before and after surgery and nursing care for patients with gastrointestinal diseases, respiratory diseases, urinary tract, sprains and heart .diseases Diseases and diseases of the ear, nose, throat, skin and eye diseases. Providing nursing care inCCU resuscitation unit ICU unit. .

9. Teaching and learning strategies

1- .Educational strategy, collaborative concept planning 2- .Brainstorming education strategy 3- Education Strategy Notes Series	The strategy

10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Weekly, monthly, daily, and written exams, and the end-of-semester . exam	a lecture discussion feedback Fadwaiy at show And movies Show posters	The concept of health and illness	Learn about medical terminology related to health and disease	6	the first
		Cardiovascular system	Learn about the physical examination and diagnostic tests for diseases of the cardiovascular system, atherosclerosis and angina pectoris	6	the second
		Myocardial infarction	Knowledge of the causes, clinical symptoms, diagnostic tests for myocardial infarction, treatment, and nursing care	6	the third
		Heart failure	Knowledge of the causes and symptoms of heart failure and dyspnea, diagnostic tests, and nursing and therapeutic care	6	the fourth
		Respiratory disorders	Identify the symptoms and signs of chronic obstructive pulmonary	6	Fifth

			disease and chronic bronchitis		
		Neurological disorders	Knowing the symptoms and signs of a stroke, the appropriate treatment for it, and how to provide nursing care	6	VI
		Endocrine	Knowledge of diagnostic tests for endocrine diseases, diabetes, its types, treatment, care, and educating the patient about the .disease	6	Seventh
		Hepatitis	Identify the types and causes of viral hepatitis, its symptoms and signs, and how to treat it and take care	6	VIII
		pancreatitis	Identify the causes of pancreatitis, its symptoms and signs, and how to treat it and take care	6	Ninth
		Blood diseases	Identify the types of anemia, causes, symptoms, signs, treatment and nursing care	6	The tenth
		Blood diseases	Identify the types of leukemia, causes, symptoms, signs, treatment and nursing care	6	elevent h
		Urinary tract	Knowledge of diagnostic tests for diseases of the urinary system. Renal colic, its causes and symptoms. Kidney stones, its causes and symptoms, and nursing .care	6	twelvet h

		Chronic kidney failure	Identify the causes of kidney failure, diagnostic tests, treatment, and nursing care	6	Thirteenth
		Immune system disorders	Learn about the acquired immunodeficiency virus (AIDS), symptoms, signs, causes, treatment and care	6	fourteenth
		Cancerous tumor	Identify risk factors and early diagnosis of the disease	6	Fifteenth

11. Course evaluation	
:Distribution as follows20marks for theoretical exams in the first half of the + semester20 + marks for practical exams in the first half of the semester 10works) .for the first semester10 + marks for final practical exam 40marks for the end of the (first semester	
12. Learning and teaching resources	
Nazira Hussain, Nahida Muhammad - Theoretical - Internal Surgical Nursing Technical Education Authority / Baghdad1999. Nazira Hussein, Nahida Muhammad - Practical Internal - Surgical Nursing Technical Education Authority / Baghdad2000. Smith & Gips "Medical Surgical Nursing Philadelphia 2000	Required textbooks (methodology, if any)
Springhouse Corporation: Nursing Procedures"Publication Data 1992.	Main references (sources)
	Recommended supporting books and references scientific journals,) (....reports
	Electronic references, Internet sites

Course description form

1. : Course Name	
Primary health care	
2. :Course Code	
3. Semester/Year: Annual	
quarterly	
4. Date this description was prepared: 15/7/2026	
5. Available forms of attendance:	
My presence only	
6. :Number of study hours (total)/number of units (total)	
90 hours \ 6 units	
7. Name of the course administrator (if more than one name is mentioned)	
Name: Dr. Mugdada Aussama Kareem	
8. Course objectives	
● …… ● …… ● ……	- : General goals The student should be able to know the foundations and . principles of primary health care - : objectives -: The student should be able to know . Maternal and child care programs Environmental health and environmental pollution .programs .Immunization programs against diseases and cold chain . health care programs . health programs . disease prevention programmes Gaining skill and experience in educational and health .programs
9. Teaching and learning strategies	
1- .Educational strategy, collaborative concept planning 2- .Brainstorming education strategy 3- Education Strategy Notes Series	The strategy

10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Weekly, monthly,	a lecture discussion	Introduction to primary health care	Identify health - public health - community health - primary health	6	the first

daily, and written exams, and the end-of-semester . exam	feedback Fadwaiy at show And movies Show posters		care - elements of primary health care		
		Assessing the family situation and the community situation	Defining the family - assessing the family situation - collecting information - family .card Assessing the state of the community: defining the community collecting information - diagnosing the - priorities of health problems - analyzing the problem - planning - implementation - .evaluation	6	the secon d
		Health education	Identify the goals of health education and means of mass .communication	6	the third
		Health education	Ways to contact the head of the family. Nurse duties in family .nursing	6	the fourth
		Home visit	Knowing what a home visit is and its importance - its goals - .planning the home visit	6	Fifth
		motherhood and Childhood care	Learn about maternity care - its importance - .its goals Mother care during pregnancy	6	VI
		motherhood and Childhood care	Mother care during .childbirth Mother care during the .postpartum period The role of the nurse in maternity care	6	Sevent h
		motherhood and Childhood care	Child care - its importance - its goals. Newborn child care.	6	VIII

			Infant vaccinations - child care in nurseries		
		School Health	Knowing the goals and - services of school health - the school .health environment	6	Ninth
		School health education	. card The nurse's role in .organizing the card	6	The tenth
		Immunization against diseases	Identifying infectious diseases and types of vaccines - the B-C-G vaccine, the triple vaccine, the polio vaccine, and the .measles vaccine	6	eleven th
		Immunization against diseases	Identifying the mixed measles vaccine - vaccinations for pregnant mothers - typhoid vaccine - role Nurse in immunization against diseases	6	twelve th
		Cold chain	Knowing what the cold chain is - its importance professional rules to - ensure the effectiveness of the cold chain - its components - cold chain procedures	6	Thirte enth
		Phases of vaccine distribution	Identifying the stages of vaccine distribution - caring for vaccines in the refrigerator - the health center - the role of the nurse in the cold chain - registration	6	fourte enth
		Occupational health	Identifying occupational health - its objectives - occupational factors that affect the health of workers inside laboratories -	6	Fifteen th

			characteristics and conditions of the environment in the laboratory		

11. Course evaluation	
:Distribution as follows20marks for theoretical exams in the first half of the + semester20 + marks for practical exams in the first half of the semester 10works) .for the first semester10 + marks for final practical exam 40marks for the end of the (first semester	
12. Learning and teaching resources	
Hoda Abdel Ghani - Samira Maarouf - Community Health Nursing **Solidarity Press**1985 **Baghdad /** B. Assistant books: - 1- Fred, Community Medicine, 5 TH ED. London 1984. Bayer. M. Community health NURRSING In Dev loping country Oxford - London 1976 . 3- Kart Community Health Nursing Philadelphia 1981 1- Freeman, Ruth Community Health Nursing Philadelphia, 1981. 2- M. Priest Modern text book for Nurses – 5th ed . - London 1977.	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references scientific journals,) (....reports
	Electronic references, Internet sites

Course description form

1. : Course Name
Child growth and development
2. :Course Code
3. Semester/Year: Annual
quarterly
4. Date this description was prepared: 15/7/2026
5. Available forms of attendance:
My presence only
6. :Number of study hours (total)/number of units (total)
90 hours \ 6 units
7. Name of the course administrator (if more than one name is mentioned)
Name:. Dr.. Muhammad Abbar Sharhan
8. Course objectives

● …… ● …… ● ……	-:Objectives the public The student will be able to know 1- Normal growth and development of the child 2- Nursing care for premature infants, newborns , and fetuses 3- Feeding the child : Special objectives 1- Nursing care for disabled children 2- Caring for orphan children 3- Child care and accident prevention

9. Teaching and learning strategies	
1- .Educational strategy, collaborative concept planning 2- .Brainstorming education strategy 3- Education Strategy Notes Series	The strategy

10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Weekly, monthly, daily, written	a lecture discussion feedback Fadwaiy	Newborn baby	Learn about normal child growth and development	6	the first
		Growth and development	Knowing the age levels newborn child, infant,)	6	the second

exams, and the end-of-semester . exam	at show And movies Show posters		cyclist, preschool , school stage, teenager, (adult		
		Growth and development factors	Identify the factors of growth and development (heredity, urban structure, ethnic and national characteristics). A- Sex B- The prenatal environment and the postnatal environment C- The external environment	6	the third
		Type of growth and development	Identify the type of growth and .development Body growth - development of muscular abilities. Mental development. Emotional development. Social development. Teething	6	the fourth
		Measuring the growth and development of a newborn baby	Identify the characteristics of the newborn and its development (weight , height , skin , birth , head , chest , muscles , (vital signs	6	Fifth
		Growth and development of the nervous system	Nervous system (reflexes) (grasping, cloning, Darwinian reflex , coughing, sneezing, yawning, sucking, swelling, .(rooting reflex	6	VI
		Sensory development	Senses (eyes, sight, hearing, taste, smell, (touch	6	Seventh
		Nutrition of the premature baby	Knowing how to feed a premature baby (tube	6	VIII

			feeding, teaspoon feeding, drop feeding, feeding with a feeding (tube		
		Baby nutrition	Identify the types of nutrition for a newborn baby (breastfeeding. (.Artificial feeding .Types of weaning	6	Ninth
		Malnutrition diseases	Identifying diseases of malnutrition (alpha , rickets , kwashiorkor) . , (tetany	6	The tenth
		Malnutrition diseases	Identifying malnutrition diseases (scurvy), causes, influencing factors, nursing care, and prevention	6	eleventh
		Development and its stages	Recognizing development and its stages (religion and customs depend on the .type of society Teach the child how to be independent	6	twelveth
		Accident prevention	Knowing how to protect a child from accidents (poisoning, burns, injuries, jumping from a high place, an accident, (or being run over	6	Thirteenth
		Disabled kids	Definition of a disabled or disabled child. Types - :of disability , including physical, psychological,) .(mental	6	fourteenth
		Rehabilitation center	Knowing how to protect children from disability .and nursing care	6	Fifteenth

11. Course evaluation
:Distribution as follows20marks for theoretical exams in the first half of the + semester20 + marks for practical exams in the first half of the semester 10works) .for the first semester10 + marks for final practical exam 40marks for the end of the

(first semester	
12. Learning and teaching resources	
- **Al-Abdali, Samira Shaker, Pediatric Nursing - Baghdad Central Workers Press, / third edition**1989**.** - **Murad, Siham Boutros Sarwan, Pediatric Nursing - Technical Education Authority / / Baghdad**1989**.first edition -**	Required textbooks (methodology, if any)
1- Eiger , M. S & 01ds, S. W, The Complete Book Breast feeding New York – Workman Publishing Company, Inc / 1972. 2- Hamilton, Persis Mary - Basic Pediatric Nursing - Mosby Company, Saint Louis / 1978. 3- Marlow, Dorothy R. Textbook of pediatric Saunders Company Philadelphia , 4th Edition / 1973	Main references (sources)
1- Broadribb, Violet, Foundations of Pediatric Nursing – Lippincott Company, Philadelphia, 1973. 3- **Hassan, Souad Hussein (The Child and His Comprehensive Nursing) - Beirut - Dar Al / Qalam - First Edition**1978**.**	Recommended supporting books and references scientific journals,) (....reports
	Electronic references, Internet sites