



AL-Turath University College of Nursing

Academic Program and Course Specification

2026-2025

University:	AL-Turath University
Faculty/Institute:	College of Nursing
Academic/Professional Program Name	Science in Nursing
Final Certificate Name	Bachelor in Nursing
Academic System (two-semester/year)	Four years/semi-annually
File Completion Date	1-9-2026

Signature: 
Head of Department Name:
Asst. Prof. Dr. Zaid Wajeh Al-shahawni
Date: 1-9-2026

Signature: 
Scientific Associate Name:
Luc. Dr. Inaam Abdulkarem Abbas
Date: 1-9-2026

The file is checked by:
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:
Prof. Dr. Hala Saadi Abdulwahid
Date: 1-9-2026
Signature: 


Approval of the Dean
Asst. Prof. Dr. Zaid Wajeh Al-shahawni

Type text here

1. Program Vision

The vision that the College of Nursing seeks to realize is to become one of the leading colleges in university nursing education at the local, regional, and international levels through active and continuous contribution to scientific and academic advancement, scientific progress, and all requirements of economic and social development in Iraq.

2. Program Mission

The mission of the nursing college of Al-Turath University is based on establishing a university nursing education program that is consistent with the standards adopted by international educational institutions, thereby contributing effectively to meeting labor market needs. The college also seeks to prepare highly qualified nursing staff through exemplary training of graduates who possess the competence and ability to compete locally, regionally, and internationally. Furthermore, the college aims to strengthen the role of Al-Turath University as a leading scientific and academic institution that actively contributes to scientific development and the advancement of research in service of society and the development of the university's human and financial resources.

3. Program Objectives

The College of Nursing at Al-Turath University aims to prepare qualified, competent, and ethical nursing graduates through high-quality, innovative, and continuously developing education; promote scientific research, professional development, and evidence-based practice; and foster local, regional, and international academic partnerships to meet evolving healthcare and labor-market needs and contribute to the advancement of nursing education and practice.

4. Program Accreditation

NO....the program does not have accreditation yet.

5. Other external influences

The program is sponsored by an investment figure; the college is affiliated to a private university.

6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	16	24	16	-
College Requirements	32	123	84	-
Department Requirements	One-department college	-	-	-
Summer Training	240 hours	-	-	-
Other	-	-	--	

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

7. Program Description

College of Nursing / The curriculum followed for the four stages in the academic year 2025-2026					
No	Stage	Course	Subject	Code name	Credit
1	First year	First semester	Fundamentals of nursing I	NUR 101	7
2	First year	First semester	Biochemistry	CHM 102	4
3	First year	First semester	part I English	ENG 103	2
4	First year	First semester	Anatomy for Nurses	ANT 104	4
5	First year	First semester	Ethics Code of	ETH 105	2
6	First year	First semester	Science I Computer	COS 106	1
7	First year	First semester	Democracy & Human Rights	HUMR 107	2
Count=7					22
No	Stage	Course	Subject	Code name	Credit
1	First year	Second semester	Fundamental of Nursing II	NUR 108	8
2	First year	Second semester	Physiology for Nurses	PHY 109	4
3	First year	Second semester	English part II	ENG 110	2
4	First year	Second semester	Terminology Medical	TER 111	2
5	First year	Second semester	Computer Science II	COS 112	1

6	First year	Second semester	Language for Arabic Nursing I	ARB 113	2
Count=6					19
No	Stage	Course	Subject	Code name	Credit
1	Second year	First semester	Adult Nursing I	NUR 201	8
2	Second year	First semester	Pharmacology for Nurses I	PHR 202	2
3	Second year	First semester	Health Assessment	HAS 203	3
4	Second year	First semester	Microbiology for Nurses I	MBN 204	3
5	Second	First semester	Computer Science III	COS 205	1

	year				
6	Second year	First semester	Party Crimes Baath	CDB 206	2
Count=6					19
No	Stage	Course	Subject	Code name	Credit
1	Second year	Second semester	Adult Nursing II	NUR 207	8
2	Second year	Second semester	Pathophysiology for Nurses	PAT 208	2
3	Second year	Second semester	Microbiology for Nurses II	MBN 209	3
4	Second year	Second semester	Pharmacology for Nurses II	PHR 210	2
5	Second year	Second semester	Computer Science IV	COS 211	1
6	Second year	Second semester	Language for Arabic Nursing II	ARB 212	2
Count=6					18
No	Stage	Course	Subject	Code name	Credit
1	Third year	1 st &2 nd semester	Maternal & Neonate Nursing	NUR 301	8
2	Third year	1 st &2 nd semester	Methods in Research Nursing	RSM 302	2
3	Third year	1 st &2 nd semester	Sociology Health	HSO 303	2
4	Third year	1 st &2 nd semester	Human rights	HUMR304	1
5	Third year	1 st &2 nd semester	Diet & Nutrition therapy	NUT 305	2
Count=5					15
No	Stage	Course	Subject	Code name	Credit
1	Third year	1 st &2 nd semester	Pediatric Nursing	NUR 306	8
2	Third year	1 st &2 nd semester	Biostatistics	BST 307	2
3	Third year	1 st &2 nd semester	Human Growth & Development	HGD 308	5
4	Third year	1 st &2 nd semester	Democracy	DEM 309	1
5	Third year	1 st &2 nd semester	English part 111	ENG 310	2

Count=5					18
No	Stage	Course	Subject	Code name	Credit
1	Fourth year	1 st &2 nd semester	Psychiatric& Mental Health Nursing	NUR 408	7
2	Fourth year	1 st &2 nd semester	Critical Care Nursing	NUR 409	6
3	Fourth year	1 st &2 nd semester	Psychology for Health Nurses	HPN 410	2
4	Fourth year	1 st &2 nd semester	Project Research	NUR 411	1
5	Fourth year	1 st &2 nd semester	Language for Arabic 11Nursing	ARB 412	1
6	Fourth year	1 st &2 nd semester	English part 1V	ENG 413	2
Count=6					18
No	Stage	Course	Subject	Code name	Credit
1	NUR 401	1 st &2 nd semester	Community Health Nursing	NUR 401	7
2	NUR 402	1 st &2 nd semester	Management Nursing and Leadership	NUR 402	3
3	NUR 403	1st&2nd semester	Professional Perspectives and Issues in Nursing	NUR 403	2
4	NUR 404	1st&2nd semester	Project Research	NUR 404	1
5	HPR 405	1st&2nd semester	Promotion Health	HPR 405	2
6	EPID 406	1st&2nd semester	Epidemiology	EPID 406	2
7	ARB407	1st&2nd semester	Language for Arabic 1Nursing	ARB 407	1
Count=7					18

Total Credit Hours : 140 SCH

Note: (1) theoretical hour = (1) Credit: (3) clinical practical hour = (1) credit

Summer training: one month of training for the second stage, and one month of training for the third stage, at a rate of (6) hours per day, (30) hours per week, and (120) hours per month

7. Expected learning outcomes of the program		
Knowledge		
1.A1- The student acquires sufficient knowledge of the scientific terminology used in nursing sciences.		
2.A2- The student learns the types of nursing basics and general skills along with knowledge of the use of devices, materials, and solutions used in the field of nursing.		
3.A3- Enhancing the student’s confidence to deal with all types of patients in hospitals to provide them with nursing care and develop the student’s ability to deal with different patient cases according to the nursing process.		
4.A4- Strengthening the principle of participation by a group of students to discuss a medical condition and the method of treating it, and to provide nursing care and guidance to the individual and society, thus providing the student with complete knowledge that enables him to prepare an integrated nursing plan for the patient.		
Skills		
1.B1 - Promoting professional ethics and etiquette among students and professional and humane treatment of patients.		Learning Outcomes Statement 2
2.B2- Students acquire various nursing skills that enable them to provide high-quality service.		
3.B3- Promoting the principle of continuous, lifelong learning in order to continue developing the profession and improving students’ knowledge and skills.		
Ethics		
1.C1- Adherence to the ethical standards of nursing		Learning Outcomes Statement 4
2.C2- Non-discrimination in providing nursing services between one patient and another according to their culture, religion, color, or living condition.		
3.C3- Preserving the patient’s rights stipulated in the laws.		
4.C4- The skill of making the right decision for the benefit of the patient, based on logical thinking.		

8. Teaching and Learning Strategies
1.Class lectures 2. use slideshows 3. illustrative films 4.Class discussions

9. Evaluation methods
-Theoretical tests. -Brain storming -Oral exams. -Seminars and reports -Attendance and -Laboratory practical tests.

Professional Development
Mentoring new faculty members
1. Involving him in the teaching validity course and the teaching methods course. 2. Involve him in a computer proficiency course. 3. Encouraging them to conduct research and publish in reputable journals, and involving them in supervising the students' graduation research. 4. Urging and encouraging people to follow up on everything new in their field of expertise. 5. Obliging him to participate in seminars and workshops 6. He will be under the supervision of specialized professors to develop his knowledge and skills.
Professional development of faculty members
The College promotes the professional development of nursing faculty members through continuous education, training in contemporary teaching and clinical practices, research development, technological skills enhancement, academic advancement, professional collaboration, and continuous performance improvement.

10. Acceptance Criterion
1. The student must have a secondary school graduate (scientific stream) or a nursing preparatory school graduate 2. The overall average must not be less than 70%. 3. The student must be healthy and sound physically and mentally. 4. The student must have a desire to work in the nursing profession

11. The most important sources of information about the program
1. Iraqi, Arab and international governmental nursing colleges 2. Iraqi Ministry of Health.

12. Program Development Plan
1. Evaluation of the current situation: through annual evaluation and comparison of the achievements and what are the challenges and threats according to the SWOT analysis. 2. Assessing students' learning needs using survey forms. 3. The annual result of the academic and institutional performance evaluation.

2nd	2nd	TER 111	Medical Terminology	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		COS 112	Computer Science II	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		ARB 113	Arabic Language for Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1st	NUR 201	Adult Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		PHR 202	Pharmacology for Nurses I	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		HAS 203	Health Assessment	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		MBN 204	Microbiology for Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		COS 205	Computer Science III	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		CDB 206	Baath Party Crimes	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2nd	NUR 207	Adult Nursing II	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

The First Year

Course Description(Fundamentals of Nursing 1)

1. Course Name:	
Fundamentals of Nursing 1	
2. Course Code:	
NUR101	
3. Semester / Year:	
2026-2027	
4. Description Preparation Date:	
15/9/2026	
5. Available Attendance Forms:	
In-person lectures and practical laboratories	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Total number of hours: (150) hours	
Theoretical hours (4 hours) lab (6 hours) per week lab 7 Credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Ahmed Sabah Neamat	
Email: ahmed.sabah@uoturath.edu.iq	
8. Course Objectives	
Course Objectives	knowledge • Learn about the basic principles of scientific clinical application • Identifying high-risk adults Knowing the appropriate nursing procedures for each patient and according to case Skills • Adopting prevention methods to prevent infection • Apply basic nursing procedures to the patient Providing comprehensive nursing health care for all adult patients (healthy a sick). • Continuous participation in developing and publishing research that contributes the development of the profession • Participating in community programs and health institutions and exercising of integration into national programs aimed at public health for the community • Apply ethical and legal principles when caring for the patient and his family. Values • Emphasis on love for the nursing profession and honesty at work • Sincere cooperation with members of the health team and workers in he institutions, as the outcome of this cooperation leads to improving health services for citizens. • Achieving recovery for the patient, but at all times patients must be given hope a relieved of pain, whether physical or psychological. • The place of trust placed in him by patients and their families. For this reaps the nurse must be completely sincere and harness all his knowledge a knowledge to serve the patient, and he has the responsibility to exert his effort to heal the patient in order to achieve the desired result.
9. Teaching and Learning Strategies	

Strategy	• Method of delivering lectures, discussion groups, and asking questions during theoretical material • Practical training in specialized laboratories • Using writing on the board, displaying on the screen, PowerPoint slides • Role play • Showing educational films
-----------------	---

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Learn about health and holistic he cares Concepts related health and type prevention	Part I: Holistic care 1.1 Definition terms 1.2 Interrelated concept of heath .2Asepsis and infection control 2.1 Type of microorganism causing infect 2.2 Types of infection 2.3 Chain of infection -4-2Body Part II: personal hygiene: daily care (skin, feet, nail, mouth, hair, ear, nose) Part III: Safety and activity 2.1 Body mechanics 2.2 Maintaining good posture Protective devices	Theoretical lecture using program power point	Quiz& questions and answers
2	4	Study how to control infection	2. Asepsis and infection control 2.1. Type of microorganism causing infection 2.2. Types of infection 2.3. Chain of infection 2-4-Body	Theoretical lecture using program power point	Quiz& questions and answers
3	4	Study of personal hygiene	Part II: personal hygiene: daily care (skin, feet, nail, mouth, hair, nose)	Theoretical lecture using program power point	Quiz& questions and answers
4	4	Study on the safety importance of exercises And learn about the mechanism and mechanics of	Part III: Safety and activity 2.1 Body mechanics 2.2 Maintaining good posture 2.3 Protective devices 2.4 Nursing implication 2.5. Therapeutic exercise	Theoretical lecture using program power point	Quiz& questions and answers

		the body Learn about protecting the b from dangers and what are the cau of immobility			
5	4	Learn about medical terminology what the signs are Vitals and locations for measuring body temperature and pulse	Part IV: Vital signs Body temperature 4.1. 4-2-Pulse	Theoretical lecture using program power point	Quiz& questions and answers
6	4	Study how to measure breathing a blood pressure and what are the effects	.3. Respiration 4-4-blood pressure	Theoretical lecture using program power point	Quiz& questions and answers
7	4	Studying the anatomy of the skin a what a bed sore is and identification In its stages	Part V: Wound care and healing process	Theoretical lecture using program power point	Quiz& questions and answers
8	4	Studying the mechanism of non-drugs in the body and what are the effects of taking the drug Learn about the rules for administering medication to the patient	Part VI: Medication administration 6.1. Drug standard 6.2. Legal asepsis of drug administration Effect and action of drugs	Theoretical lecture using program power point	Quiz& questions and answers
9	4	Study the methods of administering the drug and how to calculate the quantity Medicine	Part VII: 6.1. Routes of administration 6.2. System of measurement Medication orders	Theoretical lecture using program power point	Quiz& questions and answers
10	4	Identify medications that	Part VIII: Oral medication:	Theoretical lecture	Quiz&

		are given orally What are the types of medicines?		using program power point	questions and answers
11	4	Identify the methods and types of injection, its risks, and the location of injection for each type	Part IX: Injection of medication	Theoretical lecture using program power point	Quiz& questions and answers
12	4	Learn about liquids and electrolyte and how Calculating the number of drops b infusion Intravenous	Part X: Fluid and electrolyte (Intravenous infusion) Blood transfusion	Theoretical lecture using program power point	Quiz& questions and answers
13	4	Identify the steps of the training process And how to document it	Part XI: Nursing process	Theoretical lecture using program power point	Quiz& questions and answers
14	4	Identify the steps of the training process And how to document it	Part XI: Nursing process	Theoretical lecture using program power point	Quiz& questions and answers
15	4	Learn about blood diagnostic tests Urine, sputum, etc	Part XIII: Diagnostic testing	Theoretical lecture using program power point	Quiz& questions and answers

Practical

1	6	Learn how to wash hands correctly	Part I: 1.1: Hand washing	Practical application	Quiz& questions and answers
2	6	Identify the performance of the isolation mechanism and identify the tools used to prevent and control infection	1.2: Isolation techniques (personal protective equipment)P.P.E	Practical application	Quiz& questions and answers
3	6	Learn about body positions and how to move the patient	Part II: Body mechanics 2.1: movement : posture	Practical application	Quiz& questions and answers
4	6	Learn how to perform vital signs	Part III: Vital signs 3.1: Body temperature 3.2: Pulse	Practical application	Quiz& questions and answers Quiz&

	(2022) 'Kozier & Erb's Fundamentals of Nursing Concepts, Process, and Practice eleventh Edition.
Main references (sources)	Berman, A., Snyder, J. S. and Frandsen, G. (2022) 'Kozier & Erb's Fundamentals of Nursing Concepts, Process, and Practice eleventh Edition.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Fundamentals of Nursing 1)

Course Description (Fundamentals of Nursing II)

13.Course Name:	
Fundamentals of Nursing II	
14.Course Code:	
NUR108	
15.Semester / Year:	
2026-2027	
16.Description Preparation Date:	
15/9/2026	
17.Available Attendance Forms:	
In-person lectures and practical laboratories	
18.Number of Credit Hours (Total) / Number of Units (Total)	
Total number of hours: (240) hours	
Theoretical hours (4 hours) hospital (12 hours) per week lab 8 Credits	
19.Course administrator's name (mention all, if more than one name)	
Name: Ahmed Sabah Neamat Email: ahmed.sabah@uoturath.edu.iq	
20.Course Objectives	
Course Objectives	Knowledge • Learn about the basic principles of scientific clinical application • Identifying high-risk • Adopting prevention methods to prevent infection Skills • Apply basic nursing procedures to the patient Providing comprehensive nursing health care for all adult patients (healthy a sick). • Continuous participation in developing and publishing research that contributes

	the development of the profession • Participating in community programs and health institutions and exercising of integration into national programs aimed at public health for the community • Apply ethical and legal principles when caring for the patient and his family. • Emphasis on love for the nursing profession and honesty at work • Sincere cooperation with members of the health team and workers in he institutions, as the outcome of this cooperation leads to improving health services for citizens. Values • Achieving recovery for the patient, but at all times patients must be given hope a relieved of pain, whether physical or psychological. • The place of trust placed in him by patients and their families. For this reaps the nurse must be completely sincere and harness all his knowledge a knowledge to serve the patient, and he has the responsibility to exert his effort to heal the patient in order to achieve the desired result.
--	---

21. Teaching and Learning Strategies

Strategy	• Method of delivering lectures, discussion groups, and asking questions during theoretical material • Practical training in specialized laboratories • Using writing on the board, displaying on the screen, PowerPoint slides • Role play • Showing educational films
-----------------	---

22. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Learn about the steps Nursing process	1. Nursing process 2-Pre and post-operative nursing care, Type of surgery Preoperative phases	Theoretical lecture using program power point	Quiz& questions and answers
2	4	Learn about patient care Before, during and after the operation	Intraoperative phases Post-operative phases	Theoretical lecture using program power point	Quiz& questions and answers
3	4	Learn about the anatomy and physiology of the organ Respiratory	Oxygenation Overview of anatomical and	Theoretical lecture using program	Quiz& questions and answers

		system	physiological of breathing Assessing oxygenation	power point	
4	4	Learn about O2 therapy And health problems Identify respiratory changes	3. Oxygen therapy 4. Alternation in respiratory function	Theoretical lecture using program power point	Quiz& questions and answers
5	4	Learn about human needs for nutrition and nutrition	Nutrition 1. Human nutritional needs 2. Nutritional standards 3. Nutritional status assessment	Theoretical lecture using program power point	Quiz& questions and answers
6	4	Recognition influences in Nutrition, how to treat and what nutrition the hospital	Factors affecting nutrition Management of problems interfering with nutrition Common hospital diets	Theoretical lecture using program power point	Quiz& questions and answers
7	4	Learn about fluid balance And electrolytes Identify the influences affecting Body fluids	Fluid and chemical balance Body fluid, electrolytes and acid- base balance Fluid volume assessment	Theoretical lecture using program power point	Quiz& questions and answers
8	4	Identify the influences affecting Body fluids	Factors affecting body fluid, electrolytes and acid-base balance Common fluid imbalance	Theoretical lecture using program power point	Quiz& questions and answers
9	4		Cont.	Theoretical lecture using program power point	Quiz& questions and answers
10	4	Identify the body's needs for sleep and rest	Patient's needs Rest and sleep 1. Physiology of sleep 2. Functions of sleep, sleep phases, sleep cycles 3. Factors affecting sleep 4. Sleep assessment 1.5. Common sleep disorders	Theoretical lecture using program power point	Quiz& questions and answers
11	4	Getting to know the urine secretions, the most important terms, and the	Urinary elimination 1. Overview of urinary elimination 2. Characteristics of urine 3. Abnormal	Theoretical lecture using program power point	Quiz& questions and answers

		characteristics of urine abnormal	urinary elimination patterns Assisting clients with urinary elimination		
12	4	Identify bowel excretion Physiological how to defecate And common variables for subtraction	Bowel elimination 1. Physiology of defecation 2. Assessment of bowel elimination 3. Common alterations in bowel 4. Measures of promote bowel elimination Ostomy care	Theoretical lecture using program power point	Quiz& questions and answers
13	4	Identify the physiology of pain and its types the pain	Pain management The process of pain Pain theories Types of pain Pain assessment Pain management	Theoretical lecture using program power point	Quiz& questions and answers
14	4	Recognize the condition Death and how Take care of them What are its signs?	Death and dying Terminal illness and care Stage of dying Promoting acceptance Grieving	Theoretical lecture using program power point	Quiz& questions and answers
15	4		Exam		
Practical					
1	12	Learn about surgical lavage and Learn about wear surgical clothing	Part I: Sterile Field and Handling sterile equipment surgical scrub	Practical application lab	Quiz& questions and answers
2	12	Learn about the inhalation process Through the mask and tube infection	Part II: Oxygen Therapy -nasal cannula -mask l	Practical application	Quiz& questions and answers
3	12	Getting to know the surgical wards	Clinical	Practical application hospital ward	Seminar/weekly Patient Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
4	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week

5	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
6	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
7	12	Getting to know the surgical wards	Clinical		Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
8	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
9	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
10	12	Getting to know the surgical wards	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week questions and answers
11	12	Learn how to draw blood	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
12	12	Learn how to draw blood	Clinical	Practical application	Seminar/weekly Patient

					Assessment / daily A report/ every two weeks Case study /week
13	12	Identify the IM injection	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
14	12	Identify the IM injection	Clinical	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /week
15		Exam	Exam		Exam

23.Course Evaluation

quiz with attendance 2, 10 %,
Assignments 1, 5%
Clinical practice 1, 5%
Midterm Exam 20%
Final Exam 60%
Total assessment 100 marks 100%

24.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Berman, A., Snyder, j. S. and Frandsen, G. (2022) 'Kozier & Erb's Fundamentals of Nursing Conce Process, and Practice eleventh Edition.
Main references (sources)	Berman, A., Snyder, j. S. and Frandsen, G. (2022) 'Kozier & Erb's Fundamentals of Nursing Conce Process, and Practice eleventh Edition.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Nursing Code of Ethics)

25.Course Name:
Nursing Code of Ethics
26.Course Code:
ETH105
27.Semester / Year:
2026-2027

28.Description Preparation Date:					
15/9/2026					
29.Available Attendance Forms:					
Theory inside the class					
30.Number of Credit Hours (Total) / Number of Units (Total)					
Total number of hours: (30) hours					
Theoretical hours (2 hours) per week: for (15) week 3 Credits					
31.Course administrator's name (mention all, if more than one name)					
Professor Dr. Hala Saadi Abdulwahid Email: hala.saadi@uoturath.edu.iq					
32.Course Objectives					
Course Objectives	Knowledge • Learn about the history of the nursing profession and its development through the ages • Professional ethics and professional conduct • Principles of nursing ethics (concepts and values) • Personal qualities and professional values in the sciences of the profession with attention to the basic principles of law and rights of registered nurses • A Patient’s Bill of Rights and the responsibility borne by the patient				
	Skills • Application of professional ethics and professional conduct • Application of legal issues in nursing practice • Learn about strategies to prevent accidents during nursing practice				
	Values • Work on application of ethical and legal principles when caring for the patient his family • Cultivate the love of the nursing profession and honesty at work				
33.Teaching and Learning Strategies					
Strategy	• Method of delivering lectures, discussion groups, and asking questions during theoretical material • Lectures. Discussion • Display educational posters • Seminars on nursing ethics				
34. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	2	A brief history of the nursing profession The development of the nursing profession Introduction 2.History Ancient Medicine care	A brief history of the nursing profession The development of the nursing profession Introduction 2.History Ancient Medicine care	Explanation and brainstorming	Daily exams
2	2	Ancient civilizations	Ancient Greek civilization. Roman Empire	Explanation and brainstorming	Daily exam
3	2	Middle Ages:	Religious influences in nursing-nursing in the early Christianity - nursing in the Christian era. Nursing Arabs and peace	Explanation and brainstorming	Daily exam
4	2	Modern Nursing History	Renaissance -Age of the Industrial Revolution - Flo Nightingale	Explanation and brainstorming	Daily exam
5	2	Nursing in some Arab countries	Egypt – Iraq	Explanation and brainstorming	Daily exam
6	2	Nursing Ethics	Definition of the ethics of the nursing profession professional ethics and professional behavior	Explanation and brainstorming	Daily exams
7	2	Nursing Ethics	Concepts of nursing ethics - Values in the ethics	Explanation and brainstorming	Daily exams
8	2	Nursing Ethics	Professional nurse roles nursing education program Patients' rights A Patient's of Bill Rights Responsibility borne by the patient	Explanation and brainstorming	Daily exams
9	2	Nursing Ethics	Basic principles of registered nurses' law and rights	Explanation and brainstorming	Daily exams
10	2	Common theory in ethics	Deontology Teleology Intuitionism The ethic of Caring	Explanation and brainstorming	Daily exams
11	2	Unions and Associations	Introduction - Responsibilities of the Association	Explanation and brainstorming	Daily exams
12	2	Code of Professional Conduct	Code of Professional Conduct	Explanation and brainstorming	Daily exams
13	2	Legal Issues in Nursing	Definition - Sources of law - Types of laws	Explanation and brainstorming	Daily exams
14	2	Tort Law	Professional negligence or misconduct Intent damage	Explanation and brainstorming	Daily exams
15	2		Exam		

35.Course Evaluation

quiz with attendance 2,	20 %
Assignments	2, 10%
Report	1,10%
Midterm Exam	10%
Final Exam	50%

1	4	Introduction to Anatomy and Physiology	Introduction to Anatomy and Physiology	Theoretical lecture using program power point	Quiz& questions and answer
2	4	Physiological Chemistry and Processes	Physiological Chemistry and Processes	Theoretical lecture using program power point	Quiz& questions and answer
3	4	The cell and Tissue	The cell and Tissue	Theoretical lecture using program power point	Quiz& questions and answer
4	4	The Blood 1	The Blood 1	Theoretical lecture using program power point	Quiz& questions and answer
5	4	The Blood 2	The Blood 2	Theoretical lecture using program power point	Quiz& questions and answer
6	4	The Cardiovascular System Part I (Anatomy and Physiology of the Heart)	The Cardiovascular System Part I (Anatomy and Physiology of the Heart)	Theoretical lecture using program power point	Quiz& questions and answer
7	4	The Cardiovascular System Part II (Anatomy and Function of Blood Vessels)	The Cardiovascular System Part II (Anatomy and Function of Blood Vessels)	Theoretical lecture using program power point	Quiz& questions and answer
8	4	Physiology of the Circulation	Physiology of the Circulation	Theoretical lecture using program power point	Quiz& questions and answer
9	4	The Lymphatic System	The Lymphatic System	Theoretical lecture using program power point	Quiz& questions and answer

10	4	Defense Mechanisms and Immunity	Defense Mechanisms and Immunity	Theoretical lecture using program power point	Quiz& questions and answer
11	4	The Digestive system Part I Introduction, Organs; Buccal Cavity, Pharynx, Esophagus, and Stomach	The Digestive system Part I Introduction, Organs; Buccal Cavity, Pharynx, Esophagus, and Stomach	Theoretical lecture using program power point	Quiz& questions and answer
12	4	The Digestive System (Small and Large Intestines).	The Digestive System (Small and Large Intestines).	Theoretical lecture using program power point	Quiz& questions and answer
13	4	The Digestive System Part Ill (Accessory Organs)	The Digestive System Part Ill (Accessory Organs)	Theoretical lecture using program power point	Quiz& questions and answer
14	4	The Special Sense Organs	The Special Sense Organs	Theoretical lecture using program power point	Quiz& questions and answer
15	4	Mechanisms of Sances organs function	Mechanisms of Sances organs function		
Practical					
1	12	Anatomical Terminology and Direction	Anatomical Terminology and Direction	Practical application lab	Quiz& questions and answer
2	12	Body Fluids	Body Fluids	Practical application	Quiz& questions and answer
3	12	The Microscope and Types of human body Tissue	The Microscope and Types of human body Tissue	Practical applicat	Seminar/weekly Patient Seminar/weekly Patient

				ion hospital ward	Assessment / daily A report/ every two weeks Case study /weekly
4	12	The Blood (Hb,PCV)	The Blood (Hb,PCV)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
5	12	Blood (Blood Smear, Classification of anemia)	Blood (Blood Smear, Classification of anemia)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
6	12	The Blood (Differential Count of Leucocytes)	The Blood (Differential Count of Leucocytes)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
7	12	Blood group and Rh factor	Blood group and Rh factor		Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
8	12	Bleeding time and Clotting time	Bleeding time and Clotting time	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
9	12	Mid Term Exam	Mid Term Exam	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
10	12	Surface anatomy (Reginal anatomy)	Surface anatomy (Reginal anatomy)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly questions and answer
11	12	The Cardiovascular system	The Cardiovascular system	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly

12	12	The Cardiovascular system	The Cardiovascular system	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
13	12	Digestive system	Digestive system	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
14	12	Accessory Organ	Accessory Organ	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
15		Exam	Exam		Exam

47.Course Evaluation

Quizzes 2, 20%
Assignments 2, 10%
Report 1, 10%
Midterm Exam 10%
Final Exam 50%
Total 100%

48.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Ross and Wilson Anatomy Anatomy & Physiology I Health and Illness ".Thirteen Edition ed.2018.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Frederic H.Martini, Willam C.Ober,M.D,Cl W.Garrison,R.NK.athleen Welch,M.D.and Ralph T.Huchinges, Fundamental Anatomy & Physiology ". fifth ed.2010. • Harold Ellis., CBE, MA, DM, MCh, FRCS, FRCP, FRCOG, FACS (Hon) Clinical Anatomist, Guy's, King's and St Thomas' School of Biomedical Sciences; Emeritus Professor of Surgery, Charing Cross and Westminster Medical School, London; Formerly Examiner in Anatomy, Primary FRCS (Eng). Clinical Anatomy Applied anatomy for students and junior doctors., Eleventh Edition., 2006.
Electronic References, Websites	

Course Description (Computer science I)

49.Course Name:
Computer science I

50.Course Code:					
COS 106					
51.Semester / Year:					
2026-2027					
52.Description Preparation Date:					
15/9/2026					
53.Available Attendance Forms:					
Students' attendance in the classroom					
54.Number of Credit Hours (Total) / Number of Units (Total)					
Total number of hours: (15) hours					
Theoretical hours (1 hours) per week lab 2 Credits					
55.Course administrator's name (mention all, if more than one name)					
Dr. Ahmed abdullateef Email:					
56.Course Objectives					
Course Objectives	Knowledge Understanding the principles and fundamentals of the computer Questions about the previous class Showing documented films regarding the lecture subject Enabling students to use computer applications in the context of the medical				
57.Teaching and Learning Strategies					
Strategy		Students' attendance in the classroom			
58. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1	Teaching students the basics of computers	Introduction to computers	Explanation and brainstorming	Daily exams
2	1	Teaching students the basics of computers	History of computing, computer characteristics	Explanation and brainstorming	Daily exams
3	1	Teaching students the basics of computers	Generations of computing	Explanation and brainstorming	Daily exams
4	1	Teaching	Input devices	Explanation and	Daily exams

		students the basics of computers		brainstorming	
5	1	Teaching students the basics of computers	Output devices	Explanation and brainstorming	Daily exams
6	1	Teaching students the basics of computers	Storage devices	Explanation and brainstorming	Daily exams
7	1	Teaching students the basics of computers	Software	Explanation and brainstorming	Daily exams
8	1	Teaching students the basics of computers	Hardware	Explanation and brainstorming	Daily exams
9	1	Teaching students the basics of computers	HCI	Explanation and brainstorming	Daily exams
10	1	Teaching students the basics of computers	Introduction to Operating system	Explanation and brainstorming	Daily exams
11	1	Teaching students the basics of computers	Operating systems and internet	Explanation and brainstorming	Daily exams
12	1	Teaching the student to use the Windows 10 operating system effectively	Internet and Intranet	Explanation and brainstorming	Daily exams
13	1	Teaching the student to use the	Computer security	Explanation and brainstorming	Daily exams

		Windows 10 operating system effectively			
14	1	Teaching the student to use the Windows 10 operating system effectively	Viruses	Explanation and brainstorming	Daily exams
15	1	Teaching the student to use the Windows 10 operating system effectively	Uses of computers in the medical field		Daily exams

59.Course Evaluation

Quizzes 2, 20%
Assignments 2, 10%
Report 1, 10%
Midterm Exam 10%
Final Exam 50%
Total 100%

60.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Computer basics and office applications (computer fundamentals part 3) ١-الخضر علي الخضر "اساسيات الحاسوب" ٢٠١٦
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Arabic Language 1)

1. Course Name:
Arabic Language 1
2. Course Code:
ARB113
3. Semester / Year:
2026-2027

4. Description Preparation Date:					
15/9/2026					
5. Available Attendance Forms:					
Students' attendance in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Total number of hours: (30) hours					
Theoretical hours (2 hours) per week lab 2 Credits					
7. Course administrator's name (mention all, if more than one name)					
Email:					
8. Course Objectives					
Course Objective	Values 1.Appreciating the eloquence of Allah speech and understanding its secrets. Knowledge 2. Becoming acquainted with Arab heritage and taking pride in it. 3. Developing linguistic skills. 4. Gaining broad exposure to grammatical and literary culture.				
9. Teaching and Learning Strategies					
Strategy		Students' attendance in the classroom			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1	introduction to the Arabic Language	introduction to the Arabic Language	Explanation	Daily exams
2	1	Surah Al-Fatiha (Exegesis and Grammatical Analysis)	Surah Al-Fatiha (Exegesis and Grammatical Analysis)	Explanation	Daily exams
3	1	The Poet (Badr Shakir al-Sayyab	The Poet (Badr Shakir al-Sayyab	Explanation	Daily exams
4	1	Hamzat al-Wasl and Hamzat al-Qat‘	Hamzat al-Wasl and Hamzat al-Qat‘	Explanation	Daily exams
5	1	Punctuation Marks	Punctuation Marks	Explanation	Daily exams

6	1	Parts of Speech	Parts of Speech	Explanation	Daily exams
7	1	Subject and Predicate / Kana and its Sisters	Subject and Predicate / Kana and its Sisters	Explanation	Daily exams
8	1	Inna and Ka'anna	Inna and Ka'anna	Explanation	Daily exams
9	1	Numbers	Numbers	Explanation	Daily exams
10	1	Scientific Miracles in Surah Al-Kahf	Scientific Miracles in Surah Al-Kahf	Explanation	Daily exams
11	1	The poet (Al-Jawahiri)	The poet (Al-Jawahiri)	Explanation	Daily exams
12	1	Open Tā' and Closed Tā'	Open Tā' and Closed Tā'	Explanation	Daily exams
13	1	Novelist Inaam Kachachi	Novelist Inaam Kachachi	Explanation	Daily exams
14	1	Morphological Balance	Morphological Balance	Explanation	Daily exams
15	1	End of Course – Final Exam	End of Course – Final Exam		

11.Course Evaluation

Quizzes 2, 20%
Assignments 2, 10%
Report 1, 10%
Midterm Exam 10%
Final Exam 50%
Total 100%

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	القران الكريم بهاء الدين عبدالله بن عقيل الهمذاني، شرح ابن عقيل على الفية ابن مالك، ط: محمد محيي الدين عبدالحميد، ج ٤، المكتبة العصرية، بيروت، ٢٠٠٧
Main references (sources)	
Recommended books and references (scientific journals, reports...)	تاريخ الادب العربي، حنا الفاخوري، الطبعة العشرون، منشورات المكتبة البوليسية، بيروت،
Electronic References, Websites	https://www.twinkl.com/blog/arabic-grammar

Course Description (Medical terminology)

1. Course Name:					
Medical terminology					
2. Course Code:					
NUR1203					
3. Semester / Year:					
2026-2027					
4. Description Preparation Date:					
15/9/2026					
5. Available Attendance Forms:					
Students' attendance in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Total number of hours: (75) hours					
Theoretical hours (5 hours) per week lab 2 Credits					
7. Course administrator's name (mention all, if more than one name)					
Associate professor dr. Zaid wajeh			Email: Zaidalshahwanii@gmail.com		
8. Course Objectives					
Course Objectives	Knowledge 1.Explains the techniques of medical word-building using basic word elements. 2. Categorizes major surgical, diagnostic, symptomatic, and grammatical sutfixes. 3. Presents major prefixes of position, number and measurement, direction, and other parameters. 4. Introduces anatomical, physiological, and pathological terms. Presents combining forms denoting cellular and body structure, body position and direction, regions of the body, and additional combining forms related to diagnostic methods, and pathology. 6. General diagnostic and therapeutic terms are described and provide a solid foundation for specific terms addressed in the body system. 7. Comprehensive list of medical abbreviations and their meanings and a new summary of common symbols as well as an updated list of abbreviations. 8. Avoid common grammatical errors for English sentences in medical chart writing Skills 9. Practice skills of listening in English language effectively 10. Practice skill of speaking in English language especially medical term related topics. 11. Communicate through oral discussions and dialogue in English				
9. Teaching and Learning Strategies					
Strategy		Students' attendance in the classroom			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1	Language introducti on	Parts of speech include nouns, pronouns, verbs, adverbs, adjectives, prepositions, conjunctions and interjections.	Explanation	Daily exams

2	1	English Tenses classification past, present and future	English Tenses classification past, present and future	Explanation	Daily exams
3	1	Introduction to Medical Terminology	Introduction to Medical Terminology Word parts Prefixes Combining forms Suffixes	Explanation	Daily exams
4	1	Introduction to Medical Terminology	determining Meanings on the Basis of Word Parts Basic Medical Terms to Describe Diseases	Explanation	Daily exams
5	1	Human Body in Health and diseases	The Human Body in Health and Disease Overview of the Human Body in Health and Disease Vocabulary Related to the Human Body in Health and Disease	Explanation	Daily exams
6	1	Parts of Speech	First examination	Explanation	Daily exams
7	1	Body Systems	Body Systems and Related Organs General Medical Specialties Relating to Health and Disease.	Explanation	Daily exams
8	1	The Skeletal System	The Skeletal System Overview of Structures, Combining Forms, and Functions of the Skeletal System. Diagnostic and medical Procedures of the Skeletal System.	Explanation	Daily exams
9	1	The urinary System	The urinary System Overview of Structures, Combining Forms, and Functions of the urinary System. Diagnostic and medical Procedures of the urinary System. Vocabulary Related to the urinary System.	Explanation	Daily exams
10	1	The Blood	The Blood Overview of Structures, and Functions of the blood and vascular system. Diagnostic and medical Procedures of the vascular system. Vocabulary Related to the blood and vascular system. Miracles in Surah Al-Kahf	Explanation	Daily exams

11	1	The cardiac System	The cardiac System Overview of Structures, Combining Forms, and Functions of the cardiac System. Diagnostic and medical Procedures of the cardiac System. Vocabulary Related to the cardiac System.	Explanati on	Daily exams
12	1	Open Tā' and Closed Tā'	Second examination	Explanati on	Daily exams
13	1	The Respiratory System	The Respiratory System Overview of Structures, Combining Forms, and Functions of the Respiratory System. Diagnostic and medical Procedures of the Respiratory System. Vocabulary Related to the Respiratory System.	Explanati on	Daily exams
14	1	The Muscular System	The Muscular System Overview of Structures, Combining Forms, and Functions of the Muscular System. Diagnostic and medical Procedures of the Muscular System. Vocabulary Related to the Muscular System	Explanati on	Daily exams
15	1	The Integumentary System	The Integumentary System Overview of Structures, Combining Forms, and Functions of the Integumentary System. Diagnostic and medical Procedures of the Integumentary System. Vocabulary Related to the Integumentary System.		

11.Course Evaluation

Quizzes 2, 5%
Assignments 2, 5%
Report , 0%
Midterm Exam 20%
Final Exam 70%
Total 100%

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	1- Nath, Judi; Lindsley, Kelsey: A short course in medical terminology, Fourth edition, Philadelphia: Wolters Kluwer Health, 2019. 2- Barbara A. Gyls; Mary Ellen Wedding: Medical terminology systems: a body systems approach, Sixth edition, Philadelphia: F. A. Davis Company, 2009.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	https://www.twinkl.com/blog/arabic-grammar

Course Description (Democracy and human rights)

1. Course Name:					
Democracy and human rights					
2. Course Code:					
RD1105					
3. Semester / Year:					
2026-2027					
4. Description Preparation Date:					
15/9/2026					
5. Available Attendance Forms:					
Students' attendance in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Total number of hours: (75) hours					
Theoretical hours (5 hours) per week lab 2 Credits					
7. Course administrator's name (mention all, if more than one name)					
Associate professor dr. Zaid wajah			Email: Zaidalshahwanii@gmail.com		
8. Course Objectives					
Course Objectives		Knowledge The course on Democracy and Human Rights aims to enhance students' awareness of fundamental democratic concepts and human rights principles—as enshrined in international charters and constitutions—and to foster values of active citizenship rooted in participation, dialogue, and tolerance. Values It also seeks to instill a culture of respect for human dignity and equality among all individuals, while bridging theoretical knowledge with practical reality through the analysis of contemporary issues and the study of international and local experiences. Furthermore, the course aims to develop students' critical thinking skills, enabling them to discuss issues of freedom, justice, and rights in a scholarly manner; this contributes to preparing citizens who are aware of their rights and duties and capable of helping to build a democratic society that respects human rights.			
9. Teaching and Learning Strategies					
Strategy		Students' attendance in the classroom			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	1	The Concept Democracy	The Concept of Democracy (Origins, Advantages, and Disadvantages)	Explanation	Daily exams
2	1	Democracy and Its Corollaries	Democracy and Its Corollaries	Explanation	Daily exams
3	1	Foundations of Democracy in Society	Foundations of Democracy in Society (1 – Political Socialization)	Explanation	Daily exams
4	1	Foundations of Democracy	Foundations of Democracy in Society (2 – Political Culture)	Explanation	Daily exams
5	1	Forms of democracy	Forms of democracy	Explanation	Daily exams
6	1	Legal framework for elections	Legal framework for elections	Explanation	Daily exams
7			First Month Exam	Explanation	Daily exams
8	1	The concept of human rights	The concept of human rights	Explanation	Daily exams
9	1	The Categories of human rights	Categories of human rights	Explanation	Daily exams
10	1		Categories of human rights	Explanation	Daily exams
11	1	The right to life	Introduction to key human rights: 1. The right to life.	Explanation	Daily exams
12	1	The Right to Dignity	Introduction to Key Human Rights: 2. The Right to Dignity	Explanation	Daily exams
13	1	The right to freedom The right to equality	introduction to key human rights: 3. The right to freedom; 4. The right to equality.	Explanation	Daily exams
14	1	Political Rights	Introduction to Key Human Rights: 5. Political Rights	Explanation	Daily exams
15			Second Month Exam		

11.Course Evaluation

Quizzes 2, 10%
Assignments 2, 10%

Report , 1, 10%	
Project, 1, 10%	
Midterm Exam 10%	
Final Exam 50%	
Total 100%	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	موريس دوفرليه، علي وتوت، محمد رعد الدراجي
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Biochemistry)

1. Course Name:	
Biochemistry	
2. Course Code:	
NUR1102	
3. Semester / Year:	
2026-2027	
4. Description Preparation Date:	
15/9/2026	
5. Available Attendance Forms:	
In-person lectures and practical laboratories	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Total number of hours: (120) hours	
Theoretical hours (2 hours) lab (6 hours) per week lab 2 Credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Professor Dr. Subhi Jawad Hamza	
Email:	
8. Course Objectives	
Course Objectives	Knowledge The biochemical studies introduce students to the fundamental Concepts compounds of biochemistry. The students look at both structure and role of abnormal carbohydrate, Lipids, Fatty acids, Amino acids, protein, Enzymes with disease. Skills They also acquire the basic skills necessary for medical laboratory analysis and operating, maintaining, and cleaning laboratory equipment.
9. Teaching and Learning Strategies	
Strategy	Lecture and discussion, demonstration and laboratory practice.
10. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Chemistry of Carbohydrate Definition of carbohydrate	carbohydrate	Theoretical lecture using program power point	Quiz& questions and answer
2	4	Classification, Mono, oligo and Polysaccharide. Chemical properties of Carbohydrate	properties of Carbohydrate	Theoretical lecture using program power point	Quiz& questions and answer
3	4	Metabolism of Carbohydrate. -Glycogenesis -Glycogenolysis -Glycolysis	Metabolism of Carbohydrate	Theoretical lecture using program power point	Quiz& questions and answer
4	4	Metabolic disorder of carbohydrate metabolism. -Diabetes mellitus.	Diabetes mellitus.	Theoretical lecture using program power point	Quiz& questions and answer
5	4	Chemistry of Lipids Definition Fats, oil, Waxes, Fatty acids. Classification. -Simple lipids -Compound lipids. -Derived lipids.	Lipids, Fats,	Theoretical lecture using program power point	Quiz& questions and answer
6	4	Steroids -Sterols -Cholesterol. -Bile acids	Steroids	Theoretical lecture using program power point	Quiz& questions and answer
7	4	Lipids metabolism. Fats Oxidation. Metabolic disorder of lipids metabolism. Ketosis	Lipids metabolism	Theoretical lecture using program power point	Quiz& questions and answer
8	4	Chemistry of	Amino acids, proteins	Theoretical	Quiz&

		Amino acids and proteins Definitions of amino acid and protein. Classification of Amino acid		lecture using program power point	questions and answer
9	4	Protein metabolism. Metabolic disorder of protein metabolism. Blood protein. Non protein.	Protein metabolism	Theoretical lecture using program power point	Quiz& questions and answer
10	4	Chemistry of Enzymes Definition of Enzymes, Substrate. Hole Enzyme, Coenzyme unit of Enzyme and Zymogene. Inhibition of Enzyme	Chemistry of Enzymes	Theoretical lecture using program power point	Quiz& questions and answer
11	4	Factors influence the activity of Enzyme: 962 -Temperature -PH. -Concentration of Enzyme. -Concentration of Substrate	Factors influence the activity of Enzyme	Theoretical lecture using program power point	Quiz& questions and answer
12	4	Enzyme properties and Classification. -Plasma enzyme. -Lactate dehydrogenase Amylase	Enzyme properties	Theoretical lecture using program power point	Quiz& questions and answer
13	4	Liver Function test Classification the liver Function test. Uses of Various testes collecting to evaluate the liver dysfunction.	Liver Function test	Theoretical lecture using program power point	Quiz& questions and answer
14	4	Renal function test Function of	Renal function test	Theoretical lecture using	Quiz& questions and answer

		Kidney. Uses Various Functions tests that can be employed to assess the renal function		program power point	
15		EXAM			
Practical					
1-2	12	Serum glucose	Serum glucose	lab	Quiz& questions and answer
3-4	12	Serum cholesterol	Serum cholesterol	lab	Quiz& questions and answer
5-6	12	Serum Urea	Serum Urea	lab	Quiz& questions and answer
7-8	12	Serum Creatinine	Serum Creatinine	lab	Quiz& questions and answer
9-10	12	Serum uric acid	Serum uric acid	lab	Quiz& questions and answer
11-12	12	Serum bilirubin	Serum bilirubin	lab	Quiz& questions and answer
13-14	12	Serum protein	Serum protein	lab	Quiz& questions and answer
15		EXAM			
11.Course Evaluation					
Quizzes 2, 10% Assignments 2, 10% Report 1, 10% Project/lab 10% Midterm Exam 10% Final Exam 50% Total 100%					
12.Learning and Teaching Resources					
Required textbooks (curricular books, if any)			References: • Lehninger Principles of Biochemistry • David L. Nelson & Michael M. Cox Lubert Stryer		
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description (Anatomy and Physiology for Nurses 2)

1. Course Name:					
Anatomy and Physiology for Nurses 2					
2. Course Code:					
NUR1202					
3. Semester / Year:					
2026-2027					
4. Description Preparation Date:					
15/9/2026					
5. Available Attendance Forms:					
In-person lectures and practical laboratories					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Theoretical hours (4 hours) lab (6 hours) per week lab 7 Credits					
7. Course administrator's name (mention all, if more than one name)					
Name: Associate professor dr. Zaid wajah Email: Zaidalshahwanii@gmail.com					
8. Course Objectives					
Course Objectives	Knowledge To provide nursing students with a progressive and integrated understanding of human anatomy and physiology-starting from foundational biochemical and cellular principles and advancing through major body systems— Skills in order to support clinical reasoning, safe nursing practice, and the effective application of physiological knowledge in patient care.				
9. Teaching and Learning Strategies					
Strategy	Lecture and discussion, demonstration and laboratory practice.				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Introduction to Anatomy and Physiology	Introduction to Anatomy and Physiology	Theoretical lecture using program power point	Quiz& questions and answer
2	4	Physiological Chemistry and	Physiological Chemistry and	Theoretical lecture	Quiz&

		Processes	Processes	using program power point	questions and answer
3	4	The cell and Tissue	The cell and Tissue	Theoretical lecture using program power point	Quiz& questions and answer
4	4	The Blood 1	The Blood 1	Theoretical lecture using program power point	Quiz& questions and answer
5	4	The Blood 2	The Blood 2	Theoretical lecture using program power point	Quiz& questions and answer
6	4	The Cardiovascular System Part I (Anatomy and Physiology of the Heart)	The Cardiovascular System Part I (Anatomy and Physiology of the Heart)	Theoretical lecture using program power point	Quiz& questions and answer
7	4	The Cardiovascular System Part II (Anatomy and Function of Blood Vessels)	The Cardiovascular System Part II (Anatomy and Function of Blood Vessels)	Theoretical lecture using program power point	Quiz& questions and answer
8	4	Physiology of the Circulation	Physiology of the Circulation	Theoretical lecture using program power point	Quiz& questions and answer
9	4	The Lymphatic System	The Lymphatic System	Theoretical lecture using program power point	Quiz& questions and answer
10	4	Defense Mechanisms and Immunity	Defense Mechanisms and Immunity	Theoret ical lecture using program power point	Quiz& questions and answer
11	4	The Digestive system Part I Introduction, Organs; Buccal	The Digestive system Part I Introduction, Organs; Buccal Cavity, Pharynx,	Theoretical lecture using program	Quiz& questions and answer

		Cavity, Pharynx, Esophagus, and Stomach	Esophagus, and Stomach	power point	
12	4	The Digestive System (Small and Large Intestines).	The Digestive System (Small and Large Intestines).	Theoretical lecture using program power point	Quiz& questions and answer
13	4	The Digestive System Part III (Accessory Organs)	The Digestive System Part III (Accessory Organs)	Theoretical lecture using program power point	Quiz& questions and answer
14	4	The Special Sense Organs	The Special Sense Organs	Theoretical lecture using program power point	Quiz& questions and answer
15	4	Mechanisms of Sances organs function	Mechanisms of Sances organs function		
Practical					
1	12	Anatomical Terminology and Direction	Anatomical Terminology and Direction	Practical application lab	Quiz& questions and answer
2	12	Body Fluids	Body Fluids	Practical application	Quiz& questions and answer
3	12	The Microscope and Types of human body Tissue	The Microscope and Types of human body Tissue	Practical application hospital ward	Seminar/weekly Patient Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
4	12	The Blood (Hb,PCV)	The Blood (Hb,PCV)	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
5	12	Blood (Blood Smear,	Blood (Blood Smear, Classification of anemia)	Practical	Seminar/weekly Patient

		Classification of anemia)		l applicat ion	Assessment / daily A report/ every two weeks Case study /weekly
6	12	The Blood (Differential Count of Leucocytes)	The Blood (Differential Count of Leucocytes)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
7	12	Blood group and Rh factor	Blood group and Rh factor		Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
8	12	Bleeding time and Clotting time	Bleeding time and Clotting time	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
9	12	Mid Term Exam	Mid Term Exam	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
10	12	Surface anatomy (Reginal anatomy)	Surface anatomy (Reginal anatomy)	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly questions and answer
11	12	The Cardiovascular system	The Cardiovascular system	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
12	12	The Cardiovascular system	The Cardiovascular system	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
13	12	Digestive system	Digestive system	Practica l applicat ion	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly

14	12	Accessory Organ	Accessory Organ	Practical application	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
15		Exam	Exam		Exam

11.Course Evaluation

Quizzes 2, 20%
Assignments 2, 10%
Report 1, 10%
Midterm Exam 10%
Final Exam 50%
Total 100%

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Ross and Wilson Anatomy Anatomy & Physiology I Health and Illness ".Thirteen Edition ed.2018.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Frederic H.Martini, Willam C.Ober,M.D,Cl W.Garrison,R.NK.athleen Welch,M.D.and Ralph T.Huchinges, Fundamental Anatomy & Physiology ". fifth ed.2010. • Harold Ellis., CBE, MA, DM, MCh, FRCS, FRCP, FRCOG, FACS (Hon) Clinical Anatomist, Guy's, King's and St Thomas' School of Biomedical Sciences; Emeritus Professor of Surgery, Charing Cross and Westminster Medical School, London; Formerly Examiner in Anatomy, Primary FRCS (Eng). Clinical Anatomy Applied anatomy for students and junior doctors., Eleventh Edition., 2006.
Electronic References, Websites	

The Second Year

Course Description (Adult nursing 1)

1. Course Name:
Adult nursing 1
2. Course Code:
NUR 201

3. Semester / Year:					
second year / first semester					
4. Description Preparation Date:					
----- /3/2025					
5. Available Attendance Forms:					
In-person lectures and clinic in hospital					
6. Number of Credit Hours (Total) / Number of Units (Total)					
hrs. total (240), Theory (4) hrs. clinic(12) hrs. / Total of (8) credits, Theory (4) credits clinic, (4) credits.					
7. Course administrator's name (mention all, if more than one name)					
Name: Ali Ahmed Zghair Email: aliah7787@gmail.com					
8. Course Objectives					
Course Objectives		• Describing special diseases that affect adults in particular and providing the necessary care for them • Designing preventive programs for communicable diseases targeting adults • Enabling students to simulate technical developments in their field of specialization • Enabling students to design health policies that improve the health of target communities • Evaluating the patient's health and physical condition and diagnosing his needs through a therapeutic interview • Develop an integrated plan to implement nursing care in light of the diagnosed needs. • Applying international nursing standards in providing comprehensive care to adult patients • Evaluating the patient's health and physical condition and diagnosing his needs through a therapeutic interview. • Consolidating human values while providing comprehensive nursing care to all patients from all sectors of society • Establishing and focusing on religious and universal values in dealing with and caring for the adult patient • Consolidating ethical values in dealing with patients in accordance with societal and global principles			
9. Teaching and Learning Strategies					
Strategy		• Method of delivering lectures, discussion groups, and asking questions during theoretical material. • Practical training in specialized laboratories. • Using writing on the board, displaying on the screen, PowerPoint slides, and scientific films. • Practical application or clinical training in educational hospitals, presenting seminars by students, and presenting a topic or assignment within the scope of the practical training subject • Role play • Showing educational films.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	4	Identify priorities and the steps of the process Nursing	Introduction to adult nursing. Nursing process; definition, objective and steps.	Theoretical lecture using program, power point	Quiz& questions and answers
2	4	Recognition Cancer Types and symptoms and treatments	Care of patients with cancer: • Definitions. • Types. • Sign and symptoms. • Method of diagnosis. • Treatment and nursing management patients with cancer	Theoretical lecture using program, power point	
3	4	Learn about care of the disease People with breast tumors And how to care for them	The patient with breast cancer: • Sign and symptoms. • Method of diagnosis. • Nursing care and rehabilitation.	Theoretical lecture using program, power point	Quiz& questions and answers
4	4	Identify diseases For diabetics And get to know Its types and symptoms	Nursing care for patients with endocrine system disorders. Nursing management for patients with diabetes mellitus.	Theoretical lecture using program power point	Quiz& questions and answers
5	4	Identify the increase And a decrease in the gland Thyroid	• Nursing management for patient with the followings: - Hyperthyroidism. - Hypothyroidism. - Hypo and hyper parathyroid disorder	Theoretical lecture using program, power point	Quiz& questions and answers
6	4	Recognition Respiratory problems	Nursing care for patients with respiratory disorders (6) hrs. Sign and symptoms. Diagnostic tests.	Theoretical lecture using program, power point	Quiz& questions and answers
7	4	How to care for asthma patients Bronchitis and pneumonia	Nursing care and rehabilitation for patient with: Bronchitis. Pneumonia. COPD	Theoretical lecture using program, power point	Quiz& questions and answers
8	4	Identify liver problems and care for patients Pancreatitis, viral hepatitis, and gallstones	The patient with hepatobiliary disorders • Sign, symptoms and diagnosis of liver diseases. • Nursing care and rehabilitation for the following diseases:	Theoretical lecture using program, power point	Quiz& questions and answers

			- Pancreatitis. - Hepatitis. - Liver cirrhosis. - Cholelithiasis - cholecystitis.		
9	4	Identify patient with heart and its diagnosis diseases And show it and identify patient with hypertension	Nursing management for patients with cardiovascular disorders: • Sign and symptoms. • Diagnostic tests. • Nursing care and rehabilitation for patient with - Hypertension. - Ischemic heart disease.	Theoretical lecture using program, power point	Quiz& questions and answers
10	4	myocardial infarction And heart congestion And endocarditis	Myocardial infarction. Congestive heart failure. Endocarditic.	Theoretical lecture using program, power point	Quiz& questions and answers
11	4	Identify diseases Blood, blood contents, diagnosis and symptoms	Nursing management for patients with blood disorders. • Blood and its contents. • Diagnostic tests for blood disease. • Nursing care and rehabilitation for patient with these diseases: - Anemia and its types. - Leukemia.	Theoretical lecture using program, power point	Quiz& questions and answers
12	4	Identify a disease Anemia and leukemia and bleeding diseases And how to care for them	- Hodgkin's disease. - Hemorrhagic disorder.	Theoretical lecture using program, power point	Quiz& questions and answers
13	4	Learn about qualification and what the principles are Nursing rehabilitation and who is the team Who works to rehabilitate the patient	Rehabilitation in Nursing • Basic principle in rehabilitation nursing • Rehabilitation team • Prevention of complications deformities.	Theoretical lecture using program, power point	Quiz& questions and answers
14	4	Identifying patients who have problems with the device Digestive Identify hernia	Nursing management for patient with digestive system disease. • Sign and symptoms, and diagnostic	Theoretical lecture using program, power point	Quiz& questions and answers

		Identifying patients who have problems with the device Digestive	- measures. - Nursing care for the patient with the followings: - Hernia. - Ulcerative colitis.		
15	4	Identify the patient with stomach ulcers, Abdominal pain is its causes And Irritable bowel syndrome	- Peptic Ulcer. - Acute Abdomen. - Irritable bowel syndrome.	Theoretical lecture using program, power point	Quiz& questions and answers
Practical					
Week	Hours	RLOs	Topic/Subject Name	Learning Method	Evaluation Method
1	12	Identify medical diseases Providing nursing care to the patient	Medical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
2	12	Identify medical diseases Providing nursing care to the patient	Medical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
3	12	Identify medical diseases Providing nursing care to the patient	Medical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
4	12	Identify surgical diseases With the provision of nursing care	Surgical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A

		for the patient before and after the operation			report/ every two weeks Case study /weekly
5	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Surgical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
6	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Surgical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
7	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Surgical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
8	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Surgical ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
9	12	Recognizing blood diseases while providing nursing care for these patients	Blood disease ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks

					Case study /weekly
10	12	Recognizing blood diseases while providing nursing care for these patients	Blood disease ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
11	12	Recognizing blood diseases while providing nursing care for these patients	Blood disease ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
12	12	Recognizing blood diseases while providing nursing care for these patients	Blood disease ward	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
13	12	Learn about the types of operations and how Surgical sterilization and aseptic environment in operating rooms	Operating room	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
14	12	Learn about the types of operations and how Surgical sterilization and aseptic environment in operating rooms	Operating room	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
15	12	Learn about the	Operating room	Practical	Seminar/we

		types of operations and how Surgical sterilization and aseptic environment in operating rooms		application in Hospital wards	ekly Patient Assessment / daily A report/ every two weeks Case study /weekly
11. Course Evaluation					
- quiz with attendance 5%, - Monthly theoretical exam 15%, - Monthly practical exams 20% - practical final exam 20% - -theoretical final exam 40% - The total score =100%					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			1. Taylor , C., et al.: Fundamentals of Nursing : The Art and Science of Nursing care, 7th .ed.,2014, Lippincott 2. White, L.; Duncan, G.; and Baumle, W.: Foundation of Nursing, 3rd ed., 2011, Australia: CENGAGE 3. Pamela, L., et al. Taylor's Handbook of Clinical Nursing Skills, 2nd ed., 2015, Wolters Kluwer Health Lippincott Williams & Wilkins 4. Loeb, S., et al.: Nursing Procedures: Student Version, 2014, Pennsylvania: Springhouse Corporation		
Main references (sources)			1. Taylor , C., et al.: Fundamentals of Nursing : The Art and Science of Nursing care, 7th .ed.,2014, Lippincott 2. White, L.; Duncan, G.; and Baumle, W.: Foundation of Nursing, 3rd ed., 2011, Australia: CENGAGE 3. Pamela, L., et al. Taylor's Handbook of Clinical Nursing Skills, 2nd ed., 2015, Wolters Kluwer Health Lippincott Williams & Wilkins 4. Loeb, S., et al.: Nursing Procedures: Student Version, 2014, Pennsylvania: Springhouse Corporation		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description (Adult nursing 2)

1. Course Name:	
Adult nursing 2	
2. Course Code:	
NUR 207	
3. Semester / Year:	
second year / second semester	
4. Description Preparation Date:	
15 /9/2026	
5. Available Attendance Forms:	
In-person lectures and clinic in hospital	
6. Number of Credit Hours (Total) / Number of Units (Total)	
hrs. total (240), Theory (4) hrs. clinic (12) hrs. / Total of (8) credits, Theory (4) credits clinic, (4) credits.	
7. Course administrator's name (mention all, if more than one name)	

Name: Ali Ahmed Zghair
 Email: aliah7787@gmail.com

8. Course Objectives

Course Objectives	• Describing special diseases that affect adults in particular and providing the necessary care for them • Designing preventive programs for communicable diseases targeting adults • Enabling students to simulate technical developments in their field of specialization • Enabling students to design health policies that improve the health of target communities • Evaluating the patient's health and physical condition and diagnosing his needs through a therapeutic interview • Develop an integrated plan to implement nursing care in light of the diagnosed needs. • Applying international nursing standards in providing comprehensive care to adult patients • Evaluating the patient's health and physical condition and diagnosing his needs through a therapeutic interview. • Consolidating human values while providing comprehensive nursing care to all patients from all sectors of society • Establishing and focusing on religious and universal values in dealing with and caring for the adult patient • Consolidating ethical values in dealing with patients in accordance with societal and global principles
--------------------------	--

9. Teaching and Learning Strategies

Strategy	• Method of delivering lectures, discussion groups, and asking questions during theoretical material. • Practical training in specialized laboratories. • Using writing on the board, displaying on the screen, PowerPoint slides, and scientific films. • Practical application or clinical training in educational hospitals, presenting seminars by students, and presenting a topic or assignment within the scope of the practical training subject • Role play • Showing educational films.
-----------------	--

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Identify of Introduction to adult .nursing II Identify the patients being suffer from nervous system disorders and patient assessment. What is the diagnostic test and identification of pathological conditions	Introduction to nursing adult II. Nursing management of patients with nervous system disorder • Assessment and diagnostic test • Intracranial pressure • Brain tumor	Theoretic al lecture using program, power point	Quiz& questions and answers

		- ICP Brain tumor			
2	4	• Brain abscess. • Meningitis • Head injury • Epilepsy. Caring for the unconscious patient	• Brain abscess. • Meningitis • Head injury • Epilepsy. Caring for the unconscious patient	Theoretic al lecture using program, power point	
3	4	Study nursing measures for patients those suffering from kidney disorders. • Evaluation and diagnostic testing • Basic signs and symptoms Identify the following diseases: -Urinary tract infection	Nursing management of patients with Renal disorders. • Assessment and diagnostic test • Cardinal signs and symptoms Urinary tract infection	Theoretic al lecture using program, power point	Quiz& questions and answers
4	4	-Kidney stones -Prostate enlargement -Bladder Cancer -End stage renal failure - Renal replacement therapy	• Renal stone • Prostatic hyperplasia • Ca bladder • End stage of renal failure Renal replacement therapy	Theoretic al lecture using program pow point	Quiz& questions and answers
5	4	First Exam			
6	4	Study of nursing measures for patients with musculoskeletal disorders. • Study evaluation and diagnostic testing • Identify diseases Fractions • Amputation -Osteitis	Nursing management of patients with Musculoskeletal disorders. • Assessment and diagnostic test • Fracture • Amputation Osteomyelitis	Theoretic al lecture using program, power point	Quiz& questions and answers
7	4	• Osteoporosis • Arthritis Joint replacement	• Osteoporosis • Arthritis Joint replacement	Theoretic al lecture using program, power point	Quiz& questions and answers
8	4	Identify nursing measures for patients with heart disorders .And blood vessels Evaluation study, signs and symptoms And diagnostic testing	Nursing management of patients with Cardiovascular disorders. Assessment and signs and symptoms and diagnostic test	Theoretic al lecture using program, power point	Quiz& questions and answers

9	4	Second Exam			
10	4	Study of all types of heart valve diseases	Valvular heart disease (Martial disease stenosis and regurgitation) Valvular heart disease (Martial disease stenosis and regurgitation)	Theoretic al lecture using program, power point	Quiz& questions and answers
11	4	Congenital heart diseases (ASD, VSD, TOF). Cardiac catheterization	Congenital heart disease (ASD, VSD and(TOF). Cardiac catheterization	Theoretic al lecture using program, power point	Quiz& questions and answers
12	4	Learn about nursing measures for patients with skin disorders •Study of anatomy and physiology Skin and study of the evaluation and diagnosis of patients with visible diseases Identify diseases •Skin infections Diseases that affect the immune system	Nursing management of patients with Integumentary disorders. - Anatomy and physiology - Assessment integumentary system - Dermatitis - Autoimmune disease	Theoretic al lecture using program, power point	Quiz& questions and answers
13	4	Nursing measures for patients who They suffer from ear and nose diseases and larynx (ENT) And learn about diseases •Sinusitis Tonsillitis •Inflammation of the middle ear Throat Cancer	Nursing management of patients with, Nose and Throat (ENT) - Sinusitis - Tonsillitis - Otitis media - Ca larynx	Theoretic al lecture using program, power point	Quiz& questions and answers
14	4	Identify therapeutic and nursing measures for patients with eye disorders. • Evaluation and diagnostic testing •Identify eye diseases, which are Opacity of the eye lens And glaucoma disease	Nursing management of patients with ophthalmic disorders. - Asse ssment and diagnostic test - Cataract - Gulcoma.	Theoretic al lecture using program, power point	Quiz& questions and answers
15	4	3 rd exam			

Practical					
Week	Hours	RLOs	Topic/Subject Name	Learning Method	Evaluation Method
1	12	Identify medical diseases Providing nursing care to the patient	Neurosurgical Unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
2	12	Identify medical diseases Providing nursing care to the patient	Neurosurgical Unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
3	12	Identify medical diseases Providing nursing care to the patient	Neurosurgical Unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
4	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Urology and dialysis unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
5	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Urology and dialysis unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
6	12	Identify surgical diseases With the provision of nursing care for	Urology and dialysis unit	Practical application in Hospital	Seminar/weekly Patient Assessment /

		the patient before and after the operation		wards	daily A report/ every two weeks Case study /weekly
7	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Orthopedic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
8	12	Identify surgical diseases With the provision of nursing care for the patient before and after the operation	Orthopedic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
9	12	Recognizing blood diseases while providing nursing care for these patients	Orthopedic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
10	12	Recognizing blood diseases while providing nursing care for these patients	Coronary care unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
11	12	Recognizing blood diseases while providing nursing care for these patients	Coronary care unit	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
12	12	Recognizing blood diseases while providing nursing care	Coronary care unit	Practical application in	Seminar/weekly Patient

		for these patients		Hospital wards	Assessment / daily A report/ every two weeks Case study /weekly
13	12	Learn about the types of operations and how Surgical sterilization and aseptic environment in operating rooms	ENT Wards& Ophthalmic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
14	12	Learn about the types of operations and how Surgical sterilization and aseptic environment in operating rooms	ENT Wards& Ophthalmic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
15	12	Learn about the types of operations and how Surgical sterilization and aseptic environment in operating rooms	ENT Wards& Ophthalmic Wards	Practical application in Hospital wards	Seminar/weekly Patient Assessment / daily A report/ every two weeks Case study /weekly
11. Course Evaluation					
- quiz with attendance 5%, Monthly theoretical exam 15%, Monthly practical exams 20% - practical final exam 20% - theoretical final exam 40% - The total score =100					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			1. Taylor , C., et al.: Fundamentals of Nursing : The Art and Science of Nursing care, 7th .ed.,2014, Lippincott 2. White, L.; Duncan, G.; and Baumle, W.: Foundation of Nursing, 3rd ed., 2011, Australia: CENGAGE 3. Pamela, L., et al. Taylor's Handbook of Clinical Nursing Skills, 2nd ed., 2015, Wolters Kluwer Health Lippincott Williams & Wilkins		

	4. Loeb, S., et al.: Nursing Procedures: Student Version, 2014, Pennsylvania: Springhouse Corporation
Main references (sources)	1. Taylor, C., et al.: Fundamentals of Nursing : The Art and Science of Nursing care, 7th .ed., 2014, Lippincott 2. White, L.; Duncan, G.; and Baumle, W.: Foundation of Nursing, 3rd ed., 2011, Australia: CENGAGE 3. Pamela, L., et al. Taylor's Handbook of Clinical Nursing Skills, 2nd ed., 2015, Wolters Kluwer Health Lippincott Williams & Wilkins 4. Loeb, S., et al.: Nursing Procedures: Student Version, 2014, Pennsylvania: Springhouse Corporation
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Microbiology for Nurses I)

61.Course Name:	
Microbiology for Nurses I	
62.Course Code:	
(MBN 204)	
63.Semester / Year:	
Second stage // first semester	
64.Description Preparation Date:	
19/10/2027	
65.Available Attendance Forms:	
Recording student attendance in theoretical lectures and practical laboratories.	
66.Number of Credit Hours (Total) / Number of Units (Total)	
(total) 60 Theoretical = 2hours(for 15 weeks) Practical = 2hours(for 15 weeks) / Theoretical = 2 credits , practical= 1 credits , total = 3 credits	
67.Course administrator's name (mention all, if more than one name)	
Name: Professor Dr. Subhi Jawad Hamza	
Email:	
68.Course Objectives	
Course Objectives	• Student's knowledge of the different types of microorganisms and their scientific classification. • The student's knowledge of the physiological and nutritional requirements of the neighborhoods, in addition to the different environments in which these microorganisms may live.

	• Knowing the life cycle, ways of reproduction and transmission of microorganism (parasites and viruses) and the optimal conditions for their living. • Students' knowledge of the injuries and diseases that can be caused by the microorganisms (parasites and viruses) and thus identifying how to prevent or limit occurrence of these diseases. • Student be able to use the optical microscope to watch and diagn microorganisms. • The student can diagnose the pathogenic microorganisms. • That the student be able to differentiate between the different microscope types through his knowledge of the phenotypic characteristics and the internal structures, so that he can diagnose them and determine their scient type. • Knowledge of how to diagnose the microorganisms that cause varia diseases and how to avoid infection with these pathogens by knowing the w of transmission to them. • To enable the student to apply theoretical information in a scientific miner.
--	---

69. Teaching and Learning Strategies

Strategy	• Lectures using Power Point and conducting laboratory experiments • Continuous discussion by asking questions and answers in the classroom and motivating the student to self-think and thus • to self-learning • Using innovative educational methods, such as the smart board and scientific pictures, that bring the material closer to the students' minds. • Lectures encourage the student to confront and solve problems • Follow up with students and encourage thinking and quick response • Explanatory videos.
-----------------	--

70. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Learn about bacteriology in general - Identify the types of hosts - Familiarity with the methods o transmission of bacteria and epidemic diseases	Introduction and the historical background of microbiology.	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
2	2	- Study of bacterial classification nutrition, and bacterial requirements	The classification of microorganisms Nutritional requirement bacteria	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
3	2	-Study the most important cont of microbes, sterilization and disinfection	Microbial control and Sterilization and Disinfection	Theoretical lecture using program power	exams Short, and Semester, and final -

				point	exercises - homework
4	2	Study of types of bacteria	Gram positive bacteria (cocci bacteria) Genus: Staphylococcus Genus: Streptococcus	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
5	2	- Study of negative bacteria	Gram negative bacteria (cocci bacteria) Genus: <i>Nisseria meningitidis</i> Genus: <i>Nisseria gonorrhoeae</i>	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
6	2	- Study of the most important types of Gram-negative bacteria	Gram positive bacteria (bacilli bacteria) Genus: Bacillus Genus: Clostridium	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
7	2	Mid-term Exam.			
8	2	Identification of Gram positive bacteria	Irregular gram positive bacteria Genus: Corynebacterium Genus: Listeria Genus: Mycobacterium	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
9	2	Identifying the honorable negative person Basla	Gram negative bacilli (Enterobacteriaceae)	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
10	2	-Identifying other negative bacteria	Other gram negative bacteria	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
11	2	learn about immunity and the immune system	Immunity and immune system	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
12	2	Identify antibody and gene responses	Immune response and Antigens Antibodies	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
13	2	Identify high sensitivity	Hypersensitivity	Theoretical lecture using	exams Short, and

				program power point	Semester, final - exercis homework	
14	2	review		Theoretical lecture using program power point	exams Short, and Semester, final - exercis homework	
15	2	final exam				
practical						
Week	Hours	Required Outcomes	Learning	Unit or subject name	Learning method	Evaluation Method
1	2	exams Short, and		Lab Safety	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
2	2	Semester, and final - exercises - homework		Sterilization and disinfectant	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
3	2	exams Short, and		Types of culture media (According to the functions and Structure) and cultural characteristics of Bacteria	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
4	2	Semester, and final - exercises - homework		Isolation techniques	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
5	2	exams Short, and		Staining technique (Simple Staining , Gram staining and Zeihl-Neelsen Technique	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
6	2	Semester, and final - exercis homework		Antibiotic Sensitivity tes	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework

7	2	exams Short, and	Staphylococcus spp. and nasal swab (Laboratory diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
8	2	Semester, and final - exercises - homework	Streptococcus spp (Laboratory diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
9	2	exams Short, and	E .coli, Klebsiella and Proteus (Laboratory diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
10	2	Semester, and final - exercises - homework	Pseudomonas and other non lactose fomentor bacteria (Laboratory diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
11	2	exams Short, and	Neisseria spp. and Vibrio spp. (Laborat diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
12	2	Semester, and final - exercis homework	Mycobacterium spp. Corynebacterioum s (Laboratory diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
13	2	exams Short, and	Salmonella spp. Shigella spp. (Laborat diagnosis)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
14	2	Semester, and final - exercis homework	Throat Swab and Culture	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
15	2	final exam			
71. Course Evaluation					
quiz with attendance 5%, monthly theoretical exams 15%, monthly practical exam 20% final practical exam 20%					

theoretical final exam 40%	
The total score = 100	
72. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Medical microbiology Medical parasitology
Main references (sources)	Patrick R. Murray, Ken S. Rosenthal and Michael A. Pfaller (2020). Medical microbiology six edition. E lsever Inc. Louise Hawley, Richard J. Ziegler& Benjamin L. Clarke (2014) : Microbiology and immunology, 6th edition. Lippincott Williams & Wilkins co. USA. Patrick R. Murray (2018): Basic Medical Microbiology, Elsevier.
Recommended books and references (scientific journals, reports...)	Scientific journals, periodicals and research in the field of microbiology
Electronic References, Websites	Web sites of Microbiology Web sites of parasitology Web sites of virology

Course Description (Microbiology for Nurses II)

1. Course Name:	
Microbiology for Nurses II	
2. Course Code:	
(MBN2 224)	
3. Semester / Year:	
Second stage // second semester	
4. Description Preparation Date:	
19/3/2027	
5. Available Attendance Forms:	
Recording student attendance in theoretical lectures and practical laboratories.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Theoretical = 2 credits, practical= 1 credit, total = 3 credits / theoretical hours (two hours per week for 15 weeks)... total (30)	
7. Course administrator's name (mention all, if more than one name)	
Name: Professor Dr. Subhi Jawad Hamza	
Email:	
8. Course Objectives	
Course Objectives	• Student's knowledge of the different types of microorganisms and their scient classification. • The student's knowledge of the physiological and nutritional requirements of the neighborhoods, in addition to the different environments in which these microorganism may live. • Knowing the life cycle, ways of reproduction and transmission of microorganism (parasites and viruses) and the optimal conditions for their living. • Students' knowledge of the injuries and diseases that can be caused by the microorganisms (parasites and viruses) and thus identifying how to prevent or limit occurrence of these diseases. • Student be able to use the optical microscope to watch and deign microorganisms. • The student can diagnose the pathogenic microorganisms.

	• That the student be able to differentiate between the different microscope types through his knowledge of the phenotypic characteristics and th internal structures, so that he can diagnose them and determine their scient type. • Knowledge of how to diagnose the microorganisms that cause varia diseases and how to avoid infection with these pathogens by knowing the w of transmission to them. • To enable the student to apply theoretical information in a scientific miner.
--	--

9. Teaching and Learning Strategies

Strategy	• Lectures using Power Point and conducting laboratory experiments • Continuous discussion by asking questions and answers in the classroom and motivating the student to self-think and thus • to self-learning • Using innovative educational methods, such as the smart board and scientific pictures, that bring the material closer to the students' minds. • Lectures encourage the student to confront and solve problems • Follow up with students and encourage thinking and quick response • Explanatory videos.
-----------------	--

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	- Learn about parasitology - Identifying the types of parasites in general - Identify the types of hosts - Identify the methods of transmission of parasites And epidemic diseases	*Introduction to Parasitology *Some terms of parasitology, types of parasites, Routes and modes of infections, types of hosts, relationships between parasite and host, some epidemiological terms, Classification of Protozoa *General characters of protozoa	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
2	2	Study of the most important parasitic species belonging to the below The phylum of the flagellates and the subphylum of the flagellates of the stomach and intestines, life cycles and methods of infection Its	*<i>Entamoeba histolytica</i>, <i>Entamoeba coli</i> (Stages, life cycle. Symptom, pathology, diagnosis prevention and control, and treatment) *<i>Balantidium coli</i> (life cycle. Symptom, diagnosis prevention and control, and treatment) *	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework

		prevention and treatment	Intestinal Flagellates/ Giardia lamblia (Life cycle. Symptom, pathology, methods of diagnosis, prevention and control, and treatment) *Luminal and Atrial flagellates <i>Trichomonas spp</i> (<i>T. hominis</i> , <i>T. tenax</i>) <i>Trichomonas</i> <i>vaginalis</i> (life cycle Symptom, pathology, diagnosis, treatment)		
3	2	Study of the most important parasitic species of subflagellates in the blood and tissues, life cycles, methods of infection, prevention and treatment. - Identify the most important types of phagocytic cells And the mechanics of its defensive function	*Blood and Tissue flagellates (Leishmania spp. and Trepanosoma spp.) 1- Tissue flagellate (Leishmania donovani and Leishmania tropica) (stages, life cycle. Symptoms, pathology, diagnosis, and treatment) function and types of macrophages. 2- Blood flagellates - African trypanosomiasis - American trypanosomiasis (Stages, life cycle, sympto diagnosis, Method of transmission)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
4	2	Study of the most important parasitic species of the phylum Complex peaks and the most important dependent types Its like toxoplasma and malaria parasite Life cycles, methods of infection and prevention Of which and treatment	Apicomplexa general characters 1- <i>Plasmodium</i> four species and diseases caused by each one (Life cycle and stages. Symptom, pathology, diagnosis, global malaria prevention and control and treatment)	Theoretical lecture using progr am power point	exams Short, and Semester, and final - exercises - homework

			2- <i>Toxoplasmas gondii</i> (Life cycle and stages. Sympt diagnosis, control and treatment)		
5	2	Study of the most important dependent parasitic species Under the kingdom of Metazoan such as Worms, their classification and the most important types Affiliated to the tape class and courses Life, methods of infection, prevention	*Helminthes (metazoan) general structure Classification of 4elminthes Phylum: Platyhelminthes (flatworms) Class I: Cestoda (Tapeworms). General structure (<i>Taenia saginata</i> , <i>Taenia solium</i> , <i>Hymenoleps nana</i> and <i>Echinococcus granulosus</i>) (Life cycle and stages. Sympt diagnosis, control and treatment)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
6	2	Study of the most important parasitic species of the leaf class, such as rot causes Hepatitis and the cause of schistosomiasis And life cycles Methods of infection, prevention and treatment	Class II: Trematoda (Flukes). General structure Fasciola hepatica (Life cycle and stages. Symptom, diagnosis, control and treatment) Schistosoma haematobium, Schistosoma mansoni, Schistosoma japonicum (Life cycle and stages. Sympt diagnosis, control and treatment)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
7	2	Study of the most important dependent parasitic species For the class of nematodes such as pinworms, Ascaris, and Ancylostoma duodenal	b. Phylum: Aschelminthes or Nematelminthes general structure <i>Ascaris lumbricoid</i> , <i>Anchylostoma duodenale</i> , <i>Enerobius vermicularis</i> , <i>Trichuris trichiura</i>	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework

		Life cycles, methods of infection, prevention and treatment	Life cycle and stages. Symptom, diagnosis control and treatment		
8	2	Evaluating students on topics Which was taken in the course	First Mid Term Exam		
9	2	Learn about virology Composition, classification and methods Transmission and prevention	<u>* Virology</u> _- General properties of viruses (<u>virus components</u>) _- A virus like particles (VLPs) and Subviral particles (viroid and prions) - Classification types - Viral replication - Viruses effects on cells - Persistent viral infections <u>- Common routes of viral infection</u>	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
10	2	Identifying the causative viruses Measles, AIDS, and influenza in terms of composition, methods of transmission, and prevention	*Measles, AIDS, Influenza virus (general structure of virus, symptoms, method transmissions and prevention).	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
11	2	Identifying viruses that cause disease Hepatitis and the Corona epidemic In terms of composition, methods of transmission, prevention and treatments	* Hepatitis A, B, C, D, E (general structure of virus, method of transmissions and prevention) * Corona virus - General structure - Three types of human coronavirus cause severe symptoms - Coronavirus disease 2019 (COVID-19) - Prevention and treatment - How does it spread - Prevention and control Diagnosis	Theoretical lecture using program power point	exams Short, and Semester, final - exercises homework
12	2	Identifying the causative viruses For mumps and German measles Diarrhea and	Mumps virus, Rubella, Rota, polio virus	Theoretical lecture using program power point	exams Short, and

		polio viruses In terms of composition, methods of transmission, prevention and treatments	(general structure ,symptoms , method transmission ,prevention)		Semester, final - exercises homework
13	2	Identifying viruses that cause disease Herpes and transmitted viral diseases Sexually, such as human papillomavirus In terms of composition, methods of transmission, prevention and treatments	Herpes , cMV (general structure ,symptoms , method transmission ,prevention)	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
14	2	A reminder of the most important parasites and main pathogenic viruses and their methods of transmission and prevention Of which	Comprehensive review of the curriculum	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises - homework
15	2	Evaluate students on topics that It was taken in the course	Second Mid Term Exam		

practical

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation Method
1	2	Identify the types of parasites in gen - Identify the types of hosts - Identify the methods of transmission parasites And epidemic diseases	Introduction to Parasitology Protozoa and flagellates	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises homework
2	2	Learn about the classification of protozoan parasites and study the parasites belonging to the phylum Protozoa Life cycles, methods of transmission, prevention and treatment	Classification of human parasites Protozoa Phylum: sarcomastigophora Subphylum: sarcodina Entamoeba histolytica Subphylum: mastigophora Giardia lamblia Phylum: Ciliophora/ Balantidium coli Phylum: Apicomplexa	Theoretical lecture using program power point	exams Short, and Semester, and final - exercises homework

3	2	Identifying amoeba histolytica and amoeba coli, their life cycles, methods of transmission, prevention and treatment	Entamoeba histolytica Entamoeba coli	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
4	2	Identify small amoebas such as amoeba Gingivitis, Buglei, life cycles and methods Transmission, prevention and treatment	Small amoebiasis Endolimax nana Entamoeba gingivalis Iodamoeba butschlii	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
5	2	Identification of dependent pathogenic parasites Under the flagella phylum, the most important of which are flagellates Column, intestines, life cycles and methods Transmission, prevention and treatment	Phylum: Mastigophora Atrial and intestinal flagellates Trichomonas vaginalis and Trichomonas spp Giardia lamblia	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
6	2	Identification of dependent pathogenic parasites Under the flagella phylum, the most important of which are flagellates Blood, tissues, life cycles, and methods of transmission Prevention and treatment	2- Blood and tissue flagellates Leishmania spp. and Trepanosoma sp	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
7	2	Identification of dependent pathogenic parasites Of the complex phylum Apicomplexa such as the malaria parasite Life cycles, methods of transmission, prevention and treatment	Apicomplexa: include 1-Plasmodium Spps	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
8	2	Identification of dependent pathogenic parasites For complex infections such as	2- Toxoplasma gondii	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis

		toxoplasmosis parasite Life cycles, methods of transmission, prevention and treatment			homework
9	2	Study of the most important parasitic species belonging to the under A kingdom of multicellular organisms such as worms Its classification and the most important types of the class Taenia, life cycles, methods of infection, prevention and treatment	Helminthes Phylum: platyhelminthes Class: Cestode Class: Trematoda Phylum: Nemathelminthes Class: Nematoda	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
10	2	Study of the most important parasitic species of the Taenia class, such as the bovine tapeworm Pigs, life cycles, methods of infection, prevention and treatment	- Cestoda Taenia solium, T. Saginata	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
11	2	Study of the most important parasitic species of the Taenia class, such as the dwarf worm and the tapeworm Dogs, life cycles, and methods of infection Its prevention and treatment	Cestoda Echinococcus granulosus Hymenoleps nana	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
12	2	Study of the most important parasitic species belonging to the class Leafworms, such as the parasite liver rot and schistosomiasis, life cycles, methods of infection, prevention, and treatment	-Trematoda Fasciola hepatica Schistosoma haematobium Schistosoma mansoni Shistosoma japonicum	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
13	2	Study of the most	- Nematoda	Theoretical	exams Short,

		important parasitic species belonging to the class Nematodes such as Ascaris And the power of the duodenum Life cycles, methods of infection, prevention and treatment	Ascaris lumbricoid, Anchylostoma duodenale,	lecture using program power point	and Semester, and final - exercis homework
14	2	Reminding the most important pathogenic parasites Main methods of transmission and prevention	General review	Theoretical lecture using program power point	exams Short, and Semester, and final - exercis homework
15	2	Evaluating students on the topics covered Take it in the course	Third Mid Term Exam		
11. Course Evaluation					
- Three semester exams for theoretical subject %15 - Two semester exams for practical subject %15 - Attendance %2.5 - Homework %2.5 - Exercises and exercises %5 - Final practical exam %20 - Final theoretical exam %40 The total score is %100					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Medical microbiology Medical parasitology		
Main references (sources)			Patrick R. Murray, Ken S. Rosenthal and Michael A. Pfaller (2020). Medical microbiology six edition. E lsever Inc. Louise Hawley, Richard J. Ziegler& Benjamin L. Clarke (2014) : Microbiology and immunology, 6th edition. Lippincott Williams & Wilkins co. USA. Patrick R. Murray (2018): Basic Medical Microbiology, Elsevier.		
Recommended books and references (scientific journals, reports...)			Scientific journals, periodicals and research in the field of microbiology		
Electronic References, Websites			Web sites of Microbiology Web sites of parasitology Web sites of virology		

1. Course Name:	
Health Assessment	
2. Course Code:	
(HAS 203)	
3. Semester / Year:	
Second year / first semester	
4. Description Preparation Date:	
18/3/2027	
5. Available Attendance Forms:	
In-person lectures and practical laboratories	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Total of (3) credits Theory (2) credits and Lab. (1) credits. Total hrs.60 Theory (2) hrs and Lab. (2) hrs	
7. Course administrator's name (mention all, if more than one name)	
Name: Ali Ahmed Zghair Email: aliah7787@gmail.com	
8. Course Objectives	
Course Objectives	• knowledge of scientific methods that must be followed of the health physical assessment process • Identify the components of health history • Knowledge of various tools and techniques for information control (interviewing, observation, listening, cross-checking, recording review and review of diagnostic test results). • Emphasis on the systematic approach sequence of physical examination of the body system • Apply interviewing skills and techniques to conduct a successful interview. • Perform an integrated plan for implementing nursing care in light of the diagnose needs based on the outcomes of the health and physical assessment • Use correct scientific skills to perform a meaningful assessment for the patient • Apply physical examination techniques through inspection, palpation, percussion and auscultation • -Apply ethical and legal principles when caring for the patient and his family. • Consolidating human values while conducting health and physical assessments providing comprehensive nursing care to all patients from all segments of society • cooperation with members of the health team and workers in health institutions, the outcome of this cooperation leads to improving health care services for citizen
9. Teaching and Learning Strategies	
Strategy	• Method of delivering lectures, discussion groups, and asking questions during theoretical material • Practical training in specialized laboratories • Using writing on the board, displaying on the screen, PowerPoint slides. • Role play • Showing educational films.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understand the main steps of physical examination and evaluation Health care and learning about screening technology	Introduction to health assessment	Theoretical lecture using The power point program	Quiz& questions and answers
2	2	Understanding skin, hair and s examination and focusing on typ of skin lesions, including hair an nails	Integument assessment (skin, hair, Nail)	Theoretical lecture using The power point program	Quiz& questions and answers
3	2	Understand physical examinations and health assessm of head and neck problems	Head and Neck & cervical lymph nod assess	theoretical lecture using The power point program	Quiz& questions and answers
4	2	accompanying the area Learn about ear examination and evaluation Focus on tools and injuries	Ear assess	theoretical lecture using he power point program	Quiz& questions and answers
5	2	Identify the examination of the mouth, pharynx, nose, and sinus and the types of examination and injuries are Discussed	Mouth & oropharynx, nose, Sinus assess	theoretical lecture using The power point program	Quiz& questions and answers
6	2	Knowledge of understanding anatomy and eye tests and examinations	Eye assess	theoretical lecture using The power point program	Quiz& questi and answers
7	2	first Exam			
8	2	Knowing what is normal and abnormal when examining the respiratory system	Respiratory assess	theoretical lecture using The power point program	Quiz& questions and answers
9	2	Abdominal examination and assess	Abdominal assess	theoretical lecture using The power point program	Quiz& questions and answers
10	2	Examination and assess of the heart and circulatory system	Cardiovascular assess	theoretical lecture using The power point program	Quiz& questions and answers
11	2	Learn about peripheral vascular examination and assess	peripheral vascular assess	theoretical lecture using The power point program	Quiz& questions and answers
12	2	Identify normal joint movement and types of bones in the body	Musculoskeletal assess	theoretical lecture using The power point program	Quiz& questions and answers

13&14	2	Learn about the nervous system examination and focus on injuries and their types Identify the cranial nerves and identify each nerve being examine	Neurological assess	theoretical lecture using The power point program	Quiz& questions and answers
15	2	Second Exam			
practical					
Week	Hours	Required Learning Outcomes	Unit or subject na	Learning method	Evaluation method
1	2	Understand the main steps of physical examination and evaluation Healthy	health assessment techniques	Discussion, presentation films, slide show, practical application	Quiz& questions a answers
2	2	Understand skin, hair and skin examination	Integument assessment (skin, hair, Nail)	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
3	2	Understand physical examinations and health assessment of the head and neck	Head and Neck & cervical lymph node assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
4	2	Learn about ear examination and assess	Ear assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
5	2	Learn about examination and evaluation of the mouth, nose and pharynx	Mouth & oropharynx, nose, Sinus assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
6	2	Learn about eye examination and Assess	Eye assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
7	2	Exam	first Exam		
8	2	Awareness of respiratory examination and assess	Respiratory assess	Discussion, presentation films, slide	Quiz& questions and answers

				show, practical application	
9	2	Perception of abdominal examination and assess	Abdominal assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
10	2	Awareness of examination and evaluation of the heart and circulatory system	Cardiovascular assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
11	2	A study on examination and evaluation of peripheral vessels	peripheral vascular assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
12	2	Learn about examination and evaluation of the skeletal and muscular system	Musculoskeletal assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
13	2	Learn about nervous system examination and assess	Neurological assess	Discussion, presentation films, slide show, practical application	Quiz& questions and answers
14	2		Neurological assess		
15		second exam			
11. Course Evaluation					
quiz with attendance 5%, Monthly theoretical exam 15%, Monthly practical exams 20%, the practical final exam 20%, the theoretical final exam 60%=100					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Forbes, H., & Watt, E. (2015). Jarvis's • Physical Examination and Health .Assessment. Elsevier Health Sciences • Weber, J. R., & Kelley, J. H. (2013). Health assessment in nursing. Lippincott Williams & Wilkins.		
Main references (sources)			Forbes, H., & Watt, E. (2015).		

	Jarvis's • Physical Examination and Health Assessment. Elsevier Health Sciences • Weber, J. R., & Kelley, J. H. (2013). Health assessment in nursing. Lippincott Williams & Wilkins.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Pathophysiology for nurses)

1. Course Name:
Pathophysiology for nurses
2. Course Code:
PAT 208
3. Semester / Year:
Second Year/2nd Semester
4. Description Preparation Date:
20 / 11 / 2026

5. Available Attendance Forms:					
Attendance Form					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2 Credits / Total No. of hours = (2 hr./week X 15 week)=30 hours in Semester					
7. Course administrator's name (mention all, if more than one name)					
Name: Assist Dr. Zaid Wajeh					
Email: Zaidalshahwanii@gmail.com					
8. Course Objectives					
Course Objectives		• Enable students to obtain knowledge and understanding of the causes diseases, their mode of occurrence and the accompanying changes at the level of the cell, tissue, organ and body, in addition to structure and function. • He has a skill that enables him to differentiate between different diseases terms of their effects on the body. • Enable the student to analyze the impact of the disease on the body and complications. • Enable the student to distinguish the necessary examinations for pathological conditions, such as laboratory, radiological and other examinations. • Enable the student to differentiate between pathological conditions • Establish a strong and solid foundation for pathophysiology • Enable the student to analyze the reason for choosing a treatment over another.			
9. Teaching and Learning Strategies					
Strategy		1. Use and display videos related to pathological changes 2. Use the PowerPoint presentation method 3. View images of macroscopic and microscopic changes, and radiographs, and compare them with other laboratory tests. 4. Using the group system among students to discuss disease cases and come to conclusions about the pathogen.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Enabling the student to distinguish between pathological conditions. Understanding the complications associated with medical condition Enable the student to distinguish between cellular degenerative conditions and nuclear changes	(Introduction): Definition, diseases, causes of diseases, pathogenesis, clinical manifestation diagnostic methods and treatment.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
2	2	Knowing the histological and pathological changes that affect the cell and its difference from the normal state	(Changes at cellular level); Cell, Cellular adaptation, injury, reversible and irreversible injury, cell death, types of cell death, necrosis (types causes and sequel of necrosis).	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked

				Medical conditions	& Student attendance
3	2	Distinguish and differentiate between the most important changes that occur in genes and chromosomes	(Genes and genetic diseases): Component and function of gene, mutation, chromosome, genetic and chromosomal disorders (single gene disorders and alteration in autosomal and sex chromosomes), causes, diagnosis.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
4	2	Knowing what inflammation is, w its types are, what are its causes, what changes occur, differentiation between acute and chronic inflammation, and recovery from reconstruction or restoration is.	(Inflammation): Definition, causes, acute inflammation, signs, hematological and cellular responses, beneficial and harmful effects and outcome of acute inflammation, chronic inflammation, characteristic features. Repair and tissue healing.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
5	2	What is cancerous tissue, what are carcinogens, what are the characteristics of a cancer cell, and how is it diagnose and treated	(Neoplastic); Definition, types, nomenclature, characteristics of each type, carcinogenesis and causes of cancer, diagnosis and treatment.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
6	2	What is allergy, what is hypersensitivity, its types, and the mechanism of its occurrent What are autoimmune diseases an immunodeficiency diseases	(Hypersensitivity and Autoimmune diseases); Definition of hypersensitivity, types of hypersensitivity, (mechanism of development of each type), transplantation immunopathology.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance

			Autoimmune diseases, immunodeficiency diseases & AIDS.	Medical conditions	
7	2	What are the diseases of blood and lymph changes, what are the type blood cells, and what are the disease of the blood and lymph nodes?	(Disorders in white blood cells and lymphoid tissue): Origin of blood cells, neutropenia, infectious mononucleosis, leukemia, Hodgkin's lymphoma (HL), NHL, Burkitt's lymphoma, and multiple myeloma.	Show videos; PowerPoint presentation; View images; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
8	2	What are the diseases resulting from abnormalities in red blood cells? What are the diseases of the breakdown of blood cells? Anemia and its types. Also, what is jaundice and its types?	(Alterations in RBC and oxygen transport); Red cell metabolism, hemoglobin oxidation, anemia, causes, hemolytic anemia classification, hereditary Spherocytosis, thalassemia, glucose-6-phosphate Dehydrogenase deficiency (G6PD), other types of anemia megaloblastic anemia, Polycythemia & Platelet disorders.	Show videos; PowerPoint presentation; View images; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
9	2	What are the changes resulting from a decrease in blood volume or a decrease in the volume of body fluids?	(Disturbances in blood flow); Structure of blood vessels, alteration in arterial blood flow, atherosclerosis, mechanism of atherosclerosis development, aneurysm, dissecting aneurysm, hypertension, orthostatic	Show videos; PowerPoint presentation; View images; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance

			hypotension, assessment arterial flow. Alteration in venous flow; varicose, venous thrombosis.		
10	2	What are heart disease, cardiomyopathy, myocardial infarction, and diseases of the heart membrane and blood vessels?	(Alteration in cardiac function); Disorder in the pericardium, coronary heart disease, ischemic heart disease (angina). Myocardial infarction, myocardial disease, infective myocarditis, rheumatic heart disease, mitral valve disorders, stenosis, congenital heart defects, heart failure and circulatory shock.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
11	2	What are the diseases of the kidney and urinary system, and what are the types of kidney diseases? Diseases of the glomerulus of the kidney, diseases of the kidney tubules, diseases of the interstitial tissue.	(Alteration in kidney) ; Congenital anomalies, polycystic kidney, nephritis, acute proliferative glomerulonephritis, nephrosis, diabetic nephropathy, hypertensive glomerular disease, tubular disorders, pyelonephritis & renal failure.	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
12	2	What are digestive system diseases and systemic changes from the mouth to the anal	(GIT Disorders)	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance

13	2	What are the diseases of the upper and lower respiratory system	(Disorders in the Respiratory System	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
14	2	What are the most important pathological changes of the central and peripheral nervous system (CNS & PNS)	(Disorders in the Nervous System)	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance
15	2	What are the most important pathological changes in skeletal muscles?	(Disorders in the Skeleton)	Show videos; PowerPoint presentation ; View images ; Use a group system & Among the students to discuss Medical conditions	Daily tests, Monthly exams, Students' activity and effectiveness the questions asked & Student attendance

11. Course Evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as (daily preparation, daily, oral, monthly, written exams, reports, and etc.) occurs through:-

- Score for written exam (20 marks)
- Score for daily tests (5 marks)
- mark for attendance and activity (5 marks) Term Score 30%

Final Exam 70%

Total 100%

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Kumar, Abbas and Aster: Robbins Basic Pathology 10th ed 2018
Main references (sources)	Muir's Textbook of Pathology ;15 th ed. 2014
Recommended books and references (scientific journals, reports...)	The Internet Pathology Laboratory for Medical Education Hosted By The University of Utah Eccles Health Sciences Library
Electronic References, Websites	https://webpath.med.utah.edu/ORGAN.html#1

Course Description (Arabic Language)

1. Course Name:	Arabic Language
2. Course Code:	ARB212
3. Semester / Year:	Second Grade/Second Term
4. Description Preparation Date:	20 / 3/ 2027
5. Available Attendance Forms:	Daily attendance according to the lecture schedule
6. Number of Credit Hours (Total) / Number of Units (Total)	2 Credits / 30 hours
7. Course administrator's name (mention all, if more than one name)	Name:

Email:

8. Course Objectives

Course Objectives

- The program aims to raise the student's ability to the level of understanding In the field of language
- Enabling students to obtain knowledge in the origins of speech and sentences.
- Enabling students to obtain knowledge in ancient and modern poetry and prose and their types
- Teaching the student how to become able to use eloquent linguistic methods
- Students acquire the skill of writing sentences correctly
- Students gain the ability to pronounce letters correctly.
- The skill of reading, criticizing and judging texts
- The skill of verbal and written communication with others
- The skill of researching linguistic and literary sources.

9. Teaching and Learning Strategies

Strategy

- Theoretical Lectures using The Power Points Program
- Asking questions and dialogues
- Assigning reports to the student
- Theoretical lectures in the form of recitation
- Summarizing lectures with emphasis on vocabulary

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Enabling students to obtain knowledge in origins of speech and sentences.	Punctuation marks	Theoretical Lectures using The Power Points Program	A quick review with students at the end of the lecture
2	2	Enabling students to obtain knowledge in origins of speech and sentences.	How to write hamza	Theoretical Lectures using The Power Points Program	Daily testing
3	2	Enabling students to obtain knowledge in origins of speech and sentences.	Sections of speech	Theoretical Lectures using The Power Points Program	Question within the lecture
4	2	Enabling students to obtain knowledge in origins of speech and sentences.	Original and subsidiary grammatical signs	Theoretical Lectures using The Power Points Program	Question within the lecture
5	2	Enabling students to obtain knowledge in origins of speech and sentences.	Free poetry	Theoretical Lectures using The Power Points Program	Daily testing
6	2	Enabling students to obtain knowledge in origins of speech and sentences.	The Inflected and Inflected form of verbs	Theoretical Lectures using The Power Points Program	Daily testing

7	2	Enabling students to obtain knowledge in origins of speech and sentences.	The built and the Arabized are nouns	Theoretical Lectures using The Power Points Program	Daily testing
8	2	Enabling students to obtain knowledge in origins of speech and sentences.	Dhaad and Dhaa	Theoretical Lectures using The Power Points Program	Daily testing
9	2	Enabling students to obtain knowledge in origins of speech and sentences.	Sections of the nominal and verbal	Theoretical Lectures using The Power Points Program	Daily testing
10	2	Enabling students to obtain knowledge in origins of speech and sentences.	sentence	Theoretical Lectures using The Power Points Program	Daily testing
11	2	Enabling students to obtain knowledge in origins of speech and sentences.	Correct and incorrect verbs	Theoretical Lectures using The Power Points Program	Daily testing
12	2	Enabling students to obtain knowledge in origins of speech and sentences.	Passive verb	Theoretical Lectures using The Power Points Program	Daily testing
13	2	Enabling students to obtain knowledge in origins of speech and sentences.	Active verb	Theoretical Lectures using The Power Points Program	Daily testing
14	2	Enabling students to obtain knowledge in origins of speech and sentences.	Modern poetic school	Theoretical Lectures using The Power Points Program	Asking questions and answering them from the student
15	2	Enabling students to obtain knowledge in origins of speech and sentences.	Nazik al-Malaika	Theoretical Lectures using The Power Points Program	Asking questions and answering them from student

11. Course Evaluation

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

Attendance and participation 5% Daily exam 5

Monthly exam 20%

Final exam 70%

Final grade 100%

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Methodical books/help books
Main references (sources)	Basic texts prepared by the subject teacher
Recommended books and references (scientific journals, reports...)	Reports/periodicals and scientific journals
Electronic References, Websites	International Information Network (Internet)

Course Description (Ba'ath Party Crimes)

1. Course Name:					
Ba'ath Party Crimes					
2. Course Code:					
CDB 206					
3. Semester / Year:					
Second Year/ first semester					
4. Description Preparation Date:					
2026 / 9 / 19					
5. Available Attendance Forms:					
Student's attendance in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
1 hours / 1 credit					
7. Course administrator's name (mention all, if more than one name)					
Name:					
Email:					
8. Course Objectives					
Course Objectives		- To identify and learn about Baath crimes committed by the defunct and dissolve baath - establish awareness among students to reject all forms of injustice - Demand all civil and political rights - To learn the arts of managing legal sessions - Understanding the law as it should be understood			
9. Teaching and Learning Strategies					
Strategy		Lectures Discussions about lectures			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1		Knowing and Understand To identify and learn about Baath crimes committed by the defunct dissolve party	Concept of international crime	Lecture and Discussion	quick review of the students at the end of the lecture of most important paragraphs t were addressed during lecture
2	1	Knowing and Understand To identify and about Baath crimes committed by	Types of crimes	Lecture and Discussion	Oral test

		defunct and dissolve party			
3	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Psychosocial crimes	Lecture Discussion	Question within lecture
4	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Psychological crime mechanisms	Lecture and Discussion	Question within the lecture
5	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Environmental crimes	Lecture and Discussion	Panel Discussion
6	1	Knowing and Understand To identify learn about Baath cri committed by the defunct dissolve part	Marshland Drying Crimes	Lecture Discussion	Daily test of what alre been studied
7	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Violation of Iraqi laws	Lecture and Discussion	Mandated
8	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dis Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party solve pa	Political and military violations	Lecture and Discussion	Report
9	1	Knowing and Understand To	Concept of crime	Lecture and Discussion	Daily question

		identify and le about Baath crimes committed by defunct and dissolve party			
10	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Concept of crime	Lecture and Discussion	Daily question
11	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Concept of crime	Lecture and Discussion	Daily question
12	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Violation of Iraqi laws	Lecture and Discussion	Daily question
13	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Violation of Iraqi laws	Lecture and Discussion	Daily question
14	1	Understand To identify and le about Baath crimes committed by defunct and dissolve party	Concept of crime	Lecture and Discussion	Daily question
15	1	Knowing and Understand To identify and le about Baath crimes committed by defunct and dissolve party	Review	Lecture and Discussion	Daily question

11.Course Evaluation

- Daily Quiz 10%
- Term Exam 40%

- Final Exam 50% - Total 100%	
12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Curriculum by the Ministry of Education
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Computer science III)

1. Course Name:

Computer science III					
2. Course Code:					
COS205					
3. Semester / Year:					
first Semester /Second stage					
4. Description Preparation Date:					
20 / 3/ 2027					
5. Available Attendance Forms:					
Lab. practical					
6. Number of Credit Hours (Total) / Number of Units (Total)					
1 Credit / 30 Hours ((2 lab).					
7. Course administrator's name (mention all, if more than one name)					
Name: Ahmed Abdulkareem					
Email:					
8. Course Objectives					
Course Objectives		• Understanding the principles and fundamentals of the computer • Learn the Word word processor program. • Dealing with the computer and harnessing its capabilities in the field specialization • Enabling students to complete academic reports via the Word processor program. • The ability to analyze and apply what you have learned practically on a calcula in the medical field • Developing students' awareness and broadening their horizons in the field modern technology			
9. Teaching and Learning Strategies					
Strategy		• Scheduled weekly lectures. • Homework, assignments, and reports. • Discussion and group dialogue within the class.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Teaching the student to use the computer practically	Identify the computer and its accessories	Practical	1- quizzes 2- Feedback from students 3- Reports and studies
2	2	Teaching the student to use the computer practically	Identify with the word processor interface Word	Practical	1- quizzes 2- Feedback from students 3- Reports and studies
3&4	4	Teaching the student to use the computer practically	Explanation of the File tab of the program interface with all his tools.	Practical	1- quizzes 2- Feedback from students 3- Reports and studies

5&6	4	Teaching the student to use the computer practically	Explanation of the Home tab of the program interface with all tools	Practical	1- quizzes 2- Feedback from students 3- Reports and studies
7&8	4	Teaching the student to use the computer practically	Explanation of the Insert tab of the program interface with all his tools.	Practical	1- quizzes 2- Feedback from students 3- Reports and studies
9&10	4	Teaching student to use computer practically	Explanation of the Design tab of the program interface with all his tools.	Practical	1- quizzes 2- Feedback from students Reports and studies
11	2	exam			
12&13	4	Teaching the student to use the computer practically	Explanation of Layout tab of program interface with all his tools.	Practical	1- quizzes 2- Feedback from students Reports and studies
14	2	Teaching the student to use the computer practically	A comprehensive review of the program	Practical	1- quizzes 2- Feedback from students Reports and studies
15	2	final exam			
11. Course Evaluation					
- Attendance and participation: 10%, daily exams: 10%, monthly exams: 20%, final exam: 60%, total: 100%					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Computer basics and office applications		
Main references (sources)			Fundamental Concepts of Computer Science Basic Computer Science		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites			Official computer science companies' websites		

Course Description (Computer science V1)

1. Course Name:
Computer science V1
2. Course Code:

COS211					
3. Semester / Year:					
second Semester /Second stage					
4. Description Preparation Date:					
15 / 10/ 2026					
5. Available Attendance Forms:					
Practical Lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
1 Credit / Total (30) Hours: 2 hours weekly (lab.)					
7. Course administrator's name (mention all, if more than one name)					
Name: Ahmed Abdulkareem					
Email:					
8. Course Objectives					
Course Objectives		• Understanding the principles and fundamentals of the computer • Learn the Word word processor program. • Dealing with the computer and harnessing its capabilities in the field specialization • Enabling students to complete academic reports via the Word processor program. • The ability to analyze and apply what you have learned practically on a calcula in the medical field • Developing students’ awareness and broadening their horizons in the field modern technology			
9. Teaching and Learning Strategies					
Strategy		• Scheduled weekly lectures. • Homework, assignments, and reports. • Discussion and group dialogue within the class.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Teaching the student to use the computer practically	Identification of Microsoft Excel Main User Interface (MUI).	Practical	3- Quizzes 4- Feedback from students 5- Reports and studies
2	2	Teaching the student to use the computer practically	Explanation of the main tab of MUI with Her tools.	Practical	3- quizzes 4- Feedback from students 3- Reports and studies
3&4	4	Teaching the student to use the computer practically	Explanation of Insert tab from MUI with her tools.	Practical	3- quizzes 4- Feedb ack from students 3- Reports and studies

5&6	4	Teaching the student to use the computer practically	Explanation of function formulas	Practical	3- quizzes 4- Feedb ack from students 3- Reports and studies
7&8	4	Teaching the student to use the computer practically	Familiarize yourself with Microsoft Powerpoint's main user interface (MUI)	Practical	3- quizzes 4- Feedb ack from students 3- Reports and studies
9&10	4	Teaching the student to use the computer practically	Explanation of the main tab of MUI with her tools.	Practical	3- quizzes 4- Feedbac k from students Reports and studies
11	2	exam			
12&13	4	Teaching the student to use the computer practically	Explanation of animation in the slide Inspection	Practical	3- quizzes 4- Feedbac k from students Reports and studies
14	2	Teaching the student to use the computer practically	A comprehensive review of the program	Practical	3- quizzes 4- Feedbac k from students Reports and studies
15	2	final exam			
11. Course Evaluation					
- Attendance and participation: 10%, daily exams: 10%, monthly exams: 20%, final exam: 60%, total: 100%					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Computer basics and office applications		
Main references (sources)			Fundamental Concepts of Computer Science Basic Computer Science		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites			Official computer science companies' websites		

Course Description (Pharmacology for Nurses I)

1. Course Name:	
Pharmacology for Nurses I	
2. Course Code:	
PHR(202)	
3. Semester / Year:	
2027 - 2026	

4. Description Preparation Date:					
12/ 3/ 2027					
5. Available Attendance Forms:					
Attendance Form					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2 credit / Total (30) hrs. Theory (2)					
7. Course administrator's name (mention all, if more than one name)					
Name:					
Email:					
8. Course Objectives					
Course Objectives			• Identify the basic principles of pharmacology and its application in nursing practice • Understand the essential information concerning different • Knowing about types of drugs, such as doses, side effect and methods of Administration. • Recognize drugs acting on common diseases • Differentiate between various types of drug groups • Realize different types of drug therapy across the life span		
9. Teaching and Learning Strategies					
Strategy		• Use the direct discussion method. • Using modern means related to education. • Approval of daily, monthly and quarterly tests. • Lectures, discussion, slideshows, field visits, role-playing, brainstorming, group work.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Definition pharmacology	-Unit 1: Introduction to Pharmacology: (1) hr. -1. Basic terms. -2. Properties of ideal drug. 3. Factors that determine the inten of drug action.	Discussion, slideshows,	oral exams and monthly exams
2	2	Application pharmacolo in nurs practice	Unit 2: Application of Pharmacology in nursing practice: (1) hr. 1. Application of pharmacology in patient care - Pre-administration assessment.	Discussion, slideshows,	oral exams and monthly exams

			- Evaluating and promoting. - Therapeutic effects. 2. Application of pharmacology patient education		
3	2	Basic principles of pharmacology	- Unit 3: Basic principles of Pharmacology: (2) hrs. 1. Pharmacokinetic terms. 2. Pharmacodynamics. 3. Drug-drug and drug-food interactions. 4. Adverse drug reactions. 5. Individual variations in drug responses.	Discussion, slideshows,	oral exams and monthly exams
4	2	Lifelong drug	Unit 4: Drug therapy across the life span 1. Drug therapy during pregnancy and breast feeding. 2. Drug therapy for pediatric patients. 3. Drug therapy for Geriatric patients	Discussion, slideshows,	oral exams and monthly exams
5	2	Method of giving of medications and dosage	Administration of Medications and drug forms	Discussion, slideshows,	oral exams and monthly exams
6	2	Autonomic pharmacology	Autonomic Pharmacology 1. Muscarinic agonists and antagonists. 2. Cholinesterase inhibitors. 3. Neuromuscular blocking agents. 4. Ganglionic blocking agents	Discussion, slideshows,	oral exams and monthly exams
7	2	Involuntary pharmacology	1. Adrenergic agonists and antagonists. 2. Indirect acting anti-adrenergic agents	Discussion, slideshows,	oral exams and monthly exams
8	2	Medicines used in cardiovascular system	Cardio drug	Discussion, slideshows,	oral exams and monthly exams
9	2	Medicines used to high blood pressure	Antihypertensive drugs Adrenoceptors blocking agents. - Vasodilators.	Discussion, slideshows,	oral exams and monthly exams

			- Drugs acting on the renin-angiotensin system. - Diuretic		
10	2	Medicines used to angina pectoris and myocardial infarction	Drugs used in the treatment of angina and myocardial infarction	Discussion, slideshows,	oral exams and monthly exams
11	2	Medicines used to cardiac arrest	A Drugs used for the treatment of heart failure (digoxin and other)	Discussion, slideshows,	oral exams and monthly exams
12	2	Medicines used to heart irregularities	D Anti-arrhythmic drugs.	Discussion, slideshows,	oral exams and monthly exams
13	2	Medicines used to blood lipids	- Drugs used in the treatment of Dyslipidemia: 1. Role of LDL-cholesterol in atherosclerosis. 2. Lipid lowering drugs.	Discussion, slideshows,	oral exams and monthly exams
14	2	Anticoagulants antiplatelet agents	Anti-coagulant, anti-platelet and Thrombolytic Drugs: (2) hrs. 1. Overview of drugs used to treat thrombo-embolic disorders. 2. Parenteral anti-coagulants, Oral anti-coagulants, anti-platelet drugs.	Discussion, slideshows,	oral exams and monthly exams
15	2	Medicines used to tr anemia	Drugs used for Deficiency Anemia: 1. Iron deficiency. 2. Vitamin B12 deficiency. 3. Folic acid deficiency	Discussion, slideshows,	oral exams and monthly exams

11. Course Evaluation

- Quiz with attendance 10%,
- Monthly theoretical exam 20%,
- Theoretical final exam 70%
- Total score =100%

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	1-Abrams, Anne Collins, Clinical Drug Therap 2-York, Lippincott, 2001. 3-Lehne, Richard A., Pharmacology for Nur.
---	---

	4-Lippincott Illustrated Reviews: Pharmacology Goodman & Gilman's the pharmacological Basis
Main references (sources)	1-Abrams, Anne Collins, Clinical Drug Therapy 2-York, Lippincott, 2001. 3-Lehne, Richard A., Pharmacology for Nurses. 4-Lippincott Illustrated Reviews: Pharmacology Goodman & Gilman's the pharmacological Basis
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description (Pharmacology for Nurses II)

1. Course Name:	Pharmacology for Nurses II
2. Course Code:	PHR(210)
3. Semester / Year:	Second year/second semester
4. Description Preparation Date:	28/ 3/ 2027
5. Available Attendance Forms:	Attendance Form

6. Number of Credit Hours (Total) / Number of Units (Total)					
2 credit / Total (30) hrs. Theory (2)					
7. Course administrator's name (mention all, if more than one name)					
Name: M.M.Luma Eassa					
Email:					
8. Course Objectives					
Course Objectives		- Identify the basic principles of pharmacology and its application in nursing practice - Understand the essential information concerning different - Knowing about types of drugs, such as doses, side effect and methods of Administration. - Recognize drugs acting on common diseases - Differentiate between various types of drug groups - Realize different types of drug therapy across the life span			
9. Teaching and Learning Strategies					
Strategy		- Use the direct discussion method. - Using modern means related to education. - Approval of daily, monthly and quarterly tests. - Lectures, discussion, slideshows, field visits, role-playing, brainstorming, group work.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Medicines used to treat diseases of the central nervous system	- Central Nervous System Drugs 1. Introduction to CNS pharmacology. 2. Centrally acting analgesics (Narcotic analgesics). 3. CNS depressants, sedatives and hypnotic	Discussion, slideshows,	oral exams and monthly exams
2	2	Medicines used to treat diseases of the central nervous system	General anesthetics.	Medicines used to regulate female sex hormone disorders and contraceptives	oral exams and monthly exams
3	2	Medicines used to treat diseases of the central nervous system	Local anesthetics	Medicines used to regulate female sex hormone disorders and contraceptives	oral exams and monthly exams
4	2	Medicines used to treat diseases of the central nervous system	Anti-depressant drugs, Anti psychotic drug	Medicines used to regulate female sex hormone disorders and contraceptives	oral exams and monthly exams
5	2	Medicines used to treat diseases	Anti-Parkinson drugs and anti-epileptic drugs CNS stimulants and drug abuse	Medicines used to regulate female sex hormone	oral exams and

		of the central nervous system		disorders contraceptives	monthly exams
6	2	Medicines used to treat dise of the central nervous system	.Drugs Used For Endocrine Disorders Drugs used for the treatment of Diabetes mellitus	Medicines used to regul female sex horm disorders contraceptives	oral exams and monthly exams
7	2	Medicines used to treat diseases of central nervous system	Drugs used for thyroid disorders	Medicines used to regul female sex horm disorders contraceptives	oral exams and monthly exams
8	2	Medicines used to treat diseases of central nervous system	Sex hormones and female contraception	Medicines used to regul female sex horm disorders contraceptives	oral exams and monthly exams
9	2	Medicines used to treat diseases of central nervous system	Non-steroidal Anti-inflammatory Drugs and Paracetamol	medications used to treat arthritis and as an analgesic for joint pain	oral exams and monthly exams
10	2	Medicines used to treat diseases of central nervous system	Anti- histaminic Drugs	Antihistamine medicate	oral exams and monthly exams
11	2	Medicines used to treat diseases of central nervous system	Immunosuppressant drugs	Immunosuppressive medications	oral exams and monthly exams
12	2	Medicines used to treat diseases of central nervous system	. Gastrointestinal Drugs Drugs used in the treatment of peptic and duodenal ulcers.	Medicines used to treat digestive disorders	oral exams and monthly exams
13	2	Medicines used to treat diseases of central nervous system	Laxatives, Anti-diarrheal drugs, Anti-emetics	Medicines used to t constipation and diarrhea	oral exams and monthly exams
14	2	Medicines used to treat diseases of central nervous system	Antibiotics, Anti-fungal drugs, Anti-viral drugs	Medicines used to t constipation and diarrhea	oral exams and monthly exams
15	2	Medicines used to treat diseases of	Chemotherapy of Infectious Diseases	Chemotherapy	oral exams and

		central nervous system			monthly exams
11. Course Evaluation					
- Quiz with attendance 10%, Monthly theoretical exam 20%, - Theoretical final exam 70% - Total score =100%					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			1-Abrams, Anne Collins, Clinical Drug Therapy 2-York, Lippincott, 2001. 3-Lehne, Richard A., Pharmacology for Nur. 4-Lippincott Illustrated Reviews: Pharmacy Goodman & Gilma's the pharmacological Basis		
Main references (sources)			1-Abrams, Anne Collins, Clinical Drug Therapy 2-York, Lippincott, 2001. 3-Lehne, Richard A., Pharmacology for Nur. 4-Lippincott Illustrated Reviews: Pharmacy Goodman & Gilma's the pharmacological Basis		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

The Third Year

Course Description (Pediatric of Nursing)

Course name

Pediatric Nursing

2. Course Code:

NUR 306

3. Semester/Year:

First Semester/third Year & (2ND. Semester/Courses)

4. Description Preparation Date

1/9/2026

5. Available Attendance Forms:

In-person Presence and online,

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

255 hours for the semester.

17 hours a week (theoretical + practical)

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

Doctor.safa razaq

Email :safa.razaq@uoturath.edu.iq

8. Course Objectives

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

1. Identify the basic child's needs (age related needs and concerns)
2. Assess the child and adolescents physically
3. Outline the communication techniques to deal with the child and adolescents
4. Discuss the types of accidents according to the stages of growth and development
5. Provide traumatic care for hospitalized child and adolescents
6. Identify the high risk infants and figure out their physical and psychological problems
7. Discus nutritional assessment and figure out the child's and adolescent with nutritional problems
8. Utilize the nursing process to deal with child's health problems
9. Emphasis on preventive aspects of care to promote health for children and adolescents

10. Implement nursing care for children with:

- Respiratory disease.
- Gastrointestinal disease.

11. Demonstrate pediatric nursing procedures related to:

- Restraining.
- Blood withdrawal.
- CFS.
- Setting IV fluid.
- Giving IM injection.

12. Analyze critically the condition of the child and adolescent with blood disease.

13. Apply scientific approach during practice of nursing care with children and adolescent.

14. Identify the needs of children and adolescent with special needs (Handicapped children). and adolescent

15. Identify childhood and adolescence disease (medical and surgical disease) in relation to its causes, treatment, complications, and its nursing care.

9. Teaching and Learning Strategies

Brainstorming, group discussion, presentations, and lab work.

Strategy

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning Method	Evaluation method
1	3 Theory 12 Practical 2 Lab	The student should be able to understand the scientific perspective of the beginning of providing nursing care and its basics for children, in addition to all forms of care in its various types, and to provide a comprehensive scientific description of how to provide care for all age groups for children.	Introduction to Pediatric Nursing	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

2	3 Theory 12 Practical 2 Lab per week	Identify basic needs and learn communication techniques for each age group and discuss vaccines and their importance in child health.	Language of communication with children vaccines Immunity Children	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
3		Learn how to assess a child's physical condition using different tools according to scientific and international standards.	Physical examination for child		
4		Explaining the most important nursing interventions in the care of premature and newborn children and the role of the" family in care.	Nursing Care for newborn		
5		Identify the risk factors associated with low weight for gestational age- Identify the concept and causes of respiratory distress and jaundice in children, while addressing the most important conditions that lead to low blood sugar.	Neonatal risks: gestational age/weight of the newborn/fetal distress syndrome/ jaundice/low sugar		
6	First Midterm Exam				
7		Explaining the most important nursing procedures for children with:-Upper respiratory diseases.	Respiratory diseases for children, part one		
8		Explaining the most important nursing procedures related to lower respiratory diseases	Respiratory diseases for children, part two		

9	3 Theory 12 Practical 2 Lab per week	Knowing the most important problems related to the reproductive system in children, in terms of their causes, treatment, complications, and special nursing care.	Reproductive system problems in children	Delivering the lecture using audio-visual aids.	
10		Implementation of nursing care for children with: - Gastrointestinal diseases & congenital malformations (explaining diseases and pediatric nursing congenital procedures related to: Intestinal obstructions children Pyloric stenosis Congenital malformations (cleft palate or lip)	Gastrointestinal diseases and congenital malformations		
11		Explaining the most important medical conditions related to hereditary blood diseases, their types, and how to provide nursing care in each type,	Hereditary blood diseases		
12	Second Midterm Exam				
13		Introducing the student, the most important types of heart diseases that affect children, whether congenital or acquired, how they occur, their causes, diagnosis and treatment.	Heart diseases		
14		Identifying children and adolescents with special needs and ways to provide them with special nursing care	Diseases related to the spine		

15		The student will be able to Know how to provide nursing care for patients with endocrine diseases and the importance of guiding the family to follow up on the child's healthy development and growth by visiting health centers for family care	Endocrine diseases		
----	--	--	--------------------	--	--

11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the midterm practical and laboratory exam, 20 points for the final practical exam, and 40 points for the final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books any) Main references (sources)	1. Wong's nursing care of infants and children /edited by Marilyn J. Hockenberry, David Wilson. 11th edition. Copyright © 2019 by Mosby, an imprint of Elsevier Inc... Janoly 2. Essentials of Pediatric Nursing/ edited by Kyle Terri and Susan Carman. 4th ed. 2021. Philadelphia: Wolters Kluwer
Recommended books and references (scientific journals, reports...)	-Textbook of Neonatal Resuscitation -Pediatric Oncology Nursing: Advanced Clinical Handbook w - Principles of Pediatric Nursing: Caring for Children Certified Pediatric Emergency Nurse -Nursing Care of Children - Critical Care Nursing Care Plans
Electronic References, Websites	

Course Description (Human Growth and Development)

73.Course Name:	
Human Growth and Development	
74.Course Code:	
HGD 308	
75.Semester / Year:	
2nd semester, 3rd Grade	
76.Description Preparation Date:	
1/9/2026	
77.Available Attendance Forms:	
Attendance in classroom for theoretical lectures, Institutions for clinical training and laboratories	
78.Number of Credit Hours (Total) / Number of Units (Total)	
(9) hours weekly of (15) weeks, Theoretical (3) hrs. Clinical: (6) hrs. Total = 135 hrs. Theoretical: 45 hrs., Clinical: 90 hrs. Total of (5) credits Theory (3) credits Clinic. (2) credits	
79.Course administrator's name (mention all, if more than one name)	
Name: Dr.Safa Razaq Email: safa.razaq@uoturath.edu.iq	
80.Course Objectives	
Course Objectives	- Define the concepts of growth, development, and maturation, and differentiate them - Understand psychosocial theories related to human growth and development - Identify the patterns of growth and development - Identify developmental problems the individual face during different stages growth and development. - Measure and record a particular weight, height, head circumference on a growth chart addition to use of Denver development screening test.

	• Utilize the knowledge gained from the study of human growth and development in nursing care of individuals • Understanding the principles state for the child development with examples • Demonstrate respectful and reciprocal interactions and relationships with diverse children, families, and communities to support child development and learning. • Demonstrate professionalism through adherence to the ethical and professional standards of the early childhood profession in the care of young children.....
--	--

81. Teaching and Learning Strategies

Strategy	1- Adopting a weekly lecture format. 2- Adopting a direct training approach (practical training), where the instructor directly supervises the practical training in accordance with curriculum designed for this purpose. 3- Using slide presentations to deliver lectures. 4- Discussion groups: Students are assigned topics related to the course material to discuss with their peers at the practical training sites. 5- Using a direct discussion method with students.
-----------------	---

82. Course Structure

12. The Structure of the Course					
12.A. Theoretical structure					
Week	hrs.	RLOs	Topic/Subject Name	Learning Method	Evaluation Method
1, 2	6 hrs.	Identification of human growth and development	Foundations of growth and development	Slide show, discussion	Daily quizzes
3	3 hrs.	Understanding of growth and development measurement	Growth and development measurement	Slide show, discussion	Daily quizzes
4	3 hrs.	Identification of developmental theories	Developmental theories	Slide show, discussion	Daily quizzes
5	3 hrs.	Explanation of fetal growth and development	Development implications: fetal growth and development	Slide show, discussion	Daily quizzes
6, 7	6 hrs.	Understanding growth & development during infancy period	Growth & development in infancy period	Slide show, discussion	Daily quizzes
8, 9	6 hrs.	Understanding growth & development during early childhood period	Early childhood Period	Slide show, discussion	Daily quizzes

10, 11	6 hrs.	Understanding growth & development during middle childhood and latency period (the school age)	Middle childhood and latency period (the school age)	Slide show, discussion	Daily quizzes
12, 13	6 hrs.	Understanding growth & development during adolescence period	Adolescence period	Slide show, discussion	Daily quizzes
14, 15	6 hrs.	Understanding growth & development during adulthood period	Adulthood period	Slide show, discussion	Daily quizzes Midterm exam

83.Course Evaluation

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

- 1- Implementation of daily, monthly, and term-based assessments.
- 2- Adoption of a clinical training assessment method.
- 3- Adoption of a weekly reporting system.

Student assessment is structured as follows:

1. Continuous Assessment (Term Grade):

First theoretical midterm exam: 7.5%

Second theoretical midterm exam: 7.5%

Daily quizzes/exams: 5%

Practical (clinical) assessment: 20%

Total continuous assessment grade: 40%

2. Final Exam Grade:

Theoretical exam: 40%

Practical exam: 20%

Total final exam grade: 60%

84.Learning and Teaching Resources

Required textbooks (curricular books any)	-Papalia, D.; Olds, S., and Feldman, R.: Human Development, 9th ed., McGraw Hill Company, United States, 2008. -Ball,
Main references (sources)	J.;Bindler,R.;and Cowen,K.;Principle of Pediatric Nursing,5th ed.;Pear Education Company, United States, 2012
Recommended books and references (scientific journals, reports...)	☐ Journal of Pediatric Nursing ☐ Journal of Child Health Care ☐ International Journal of Nursing Studies ☐ Journal of Adolescent Health

	☐ Child Development
Electronic References, Websites	- https://www.cdc.gov/child-development?utm_source=chatgpt.com - https://www.healthychildren.org/ - https://childcare.gov/ - World Health Organization. (2023). Child growth and development. Retrieved from https://www.who.int - Centers for Disease Control and Prevention. (2024). Child development milestones.

Course Description (Biostatistics)

85.Course Name:
Biostatistics / Third Year
86.Course Code:
BST307
87.Semester / Year:
First and Second Semesters / 2025–2026
88.Description Preparation Date:
September 1, 2026
89.Available Attendance Forms:
In-person lectures
90.Number of Credit Hours (Total) / Number of Units (Total)
2 hours per week (30 hours per semester)

Credits: 2

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

Name: Name: Dr. Mohammed Jassim
Email: Mohammed Jassim@gmail.com

92. Course Objectives

Course Objectives	1- To provide students with a fundamental understanding of the basic principles of statistics and how they can be applied to conduct scientific research in the fields of nursing and medicine with the aim of obtaining accurate scientific results. 2- Through theoretical lectures, students learn data collection methods, types of sampling techniques for data tabulation and presentation, and how to perform statistical analyses in nursing research...
--------------------------	---

93. Teaching and Learning Strategies

Strategy	1- Understanding the fundamentals of statistics. 2- Familiarizing oneself with statistical equations. 3- Understanding how data is collected, tabulated, and analyzed. 4- Identifying types of research and determining the appropriate statistical methods.
-----------------	---

94. Course Structure

Assessment Method	Teaching Method	Unit or Topic	Required Learning Outcomes	hours	week
Daily tests	theoretical	Understanding biostatistics	The student's understanding of the lesson	2h	1
Daily tests	theoretical	Understanding data collection and analysis methods	The student's understanding of the lesson	2 h	2
Daily tests	theoretical	Distinguishing between a sample and a population	The student's understanding of the lesson	2 h	3
Daily tests	theoretical	- Types of sampling	The student's understanding of the lesson	2 h	4
Daily tests	theoretical	Defining variables	The student's understanding of the lesson	2 h	5
Daily tests	theoretical	- Types of variables: independent, dependent, and extraneous	The student's understanding of the lesson	2h	6
Daily tests	theoretical	Descriptive data presentation	The student's understanding of the	2h	7

			lesson		
Daily tests	theoretical	Frequency tables	The student's understanding of the lesson	2h	8
Daily tests	theoretical	Normal curve and frequency curve	The student's understanding of the lesson	2h	9
Daily tests	theoretical	Frequency polygon	The student's understanding of the lesson	2h	10
Daily tests	theoretical	Pie charts	The student's understanding of the lesson	2h	11
Daily tests	theoretical	Measures of central tendency and their definitions	The student's understanding of the lesson	2h	12
Daily tests	theoretical	Calculating the arithmetic mean	The student's understanding of the lesson	2h	13
Daily tests	theoretical	(for grouped and ungrouped data), mode, and median	The student's understanding of the lesson	2h	14
Written tests	theoretical	Mid term exam	The student's understanding of the lesson	2h	15

95.Course Evaluation

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

The total grade (out of 100) is distributed based on assigned student tasks—such as daily lesson preparation, daily quizzes, oral and written exams, reports, etc.—with 70% allocated to semester exams and 30% to the annual coursework grade.

Annual Coursework Grade (30%):

1- Periodic monthly exams: 20%

2- Short, unannounced quizzes: 5%

3- Evaluation of discussion seminars, reports, and assignments: 5%

96.Learning and Teaching Resources

Required textbooks (curricular books, if any)	1- Biostatistics / Adnan Shamkhi 2- Schaum's Series Book / Statistics 3- Biostatistics / Dr. Ziad Al-Rawi
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	https://motaber.com/biostatistics/

Course Description (Maternal and neonatal health nursing)

1. Course Name:	
Maternal and neonatal health nursing	
2. Course Code:	
NUR301	
3. Semester / Year:	
Third stage // first and second semester	
4. Description Preparation Date:	
1-9-2026	
5. Available Attendance Forms:	
Student attendance in theoretical lectures and practical laboratories and hospital	
6. Number of Credit Hours (Total) / Number of Units (Total)	
8 credits----- 255 hours Theory(3) lab (2) hospital(12)	
7. Course administrator's name (mention all, if more than one name)	
Name: Assist prof. Dr. Anaam Katran Zughair	
Email: Email: anaam.katran@uoturath.edu.iq	
8. Course Objectives	
A1 Describe the structure and function of the female and male reproductive systems//Explain the stages of the menstrual cycle	
A2 Explaining the stages of labor, distinguishing between false and true labor	
A3Discuss nursing responsibilities towards the woman and her family before, during and after natural childbirth.	
A4 Identify potential complications of labor and delivery	
B1 Monitor woman health during reproductive age	
B2 Implementation of health education program for mother during reproductive age	
B3Participate in counseling program for mother to promote her health through family planning and primary health care center	
B4 Assist the mother during delivery to reduce mortality and morbidity rate	
C1 Building the student's personality and ability to make decisions and developing the ethics of the university nursing profession	
C2 To enable the student to apply theoretical information in a scientific manner	
C3 Develop the spirit of patriotism and humanity in the student to lead patient service and provide health care in quantity and quality	
C4 Instilling the concept of community service and the best way to deal with simple segments of society	
9. Teaching and Learning Strategies	
1.Lectures using Power Point and conducting laboratory experiment	
2.Continuous discussion by asking questions and answers in the classroom and motivating the student to self-think and thus to self-learning	
3.Continuous discussion by asking questions and answers in the classroom and motivating the student to self-think and thus to self-learning	
4.Lectures encourage the student to confront and solve problems	

5. Follow up with students and encourage thinking and quick response 6. Explanatory videos					
10. Course Structure					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Week
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming -Seminar	Anatomy & physiology of (male& female) reproductive system . ✓ Puberty ✓ Menstrual Cycle	Understand the Anatomy & physiology (male& female) reproductive system	3	1
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation 1. show to the students film , picture and models 2. Brainstorming 3. Seminar	✓ Normal pregnancy Development and physiology of the fetus ✓ physiological & psychological changes of pregnancy ✓ Prenatal care	Describe the normal pregnancy Development and physiology of the fetus	3	2
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. Collaborative Learning -Learning Motivation -Showing to the students film , picture and models -Brainstorming -Seminar	✓ Complications of pregnancy ✓ Nursing care during Ant Partum Hemorrhage ✓ Nursing care during pregnancy Induced Hypertension ✓ Nursing care during anemia ✓ Nursing care during Gestational Diabetes	Describe Complications of pregnancy their complications	3	3
-Assessment of the students. -Daily Quiz. -Assignment, Report.	-Discussion the reports -Using play role during lecture. -Collaborative Learning	✓ Normal labor & delivery ✓ Theories of labor onset. ✓ Signs of labor.	Explain the normal labor and delivery , st and their nursing care for each stage	3	4

-Discussion of the case.	-Learning Motivation -showing to the students film , picture and models -Brainstorming -Seminar	✓ Components of labor. ✓ Stages of labor. ✓ Nursing management of each stage of labor ✓ Using of partograph in labor.			
-Monthly assessment the students to evaluate them	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show ing to the students film , picture and models -Brainstorming 1. Seminar	✓ Using of Labor care guide (LCG).	Application of LCG	3	5
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Learning Motivation -showing to the students film , picture and models -Brainstorming -Seminar	■ Complications of labor ✓ Nursing management during Complicated labor and delivery ✓ Obstetrical operation	Describe Complications of labor	3	6
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Learning Motivation -showing to the students film , picture and models -Brainstorming -Seminar-	✓ Episiotomy, forceps delivery ✓ C/S ✓ Induction and Augmentation of labor	Understand the obstetrical operations	3	7
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Learning Motivation -show to the students film , picture and models 5.Brainstorming -Seminar	■ Contraceptive ✓ Hormonal contraceptive ✓ Non-hormonal contraceptive ✓ Surgical contraceptive Advantages and disadvantages of each met	Identify the contraceptive method , advantages and disadvantages	3	8
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -showing to the students film , picture and models	Puerperium ✓ Nursing management during normal puerperium ✓ Nursing management during complicated puerperium	Identify the Puerperium, complications and nursing management	3	9

	-Brainstorming -Seminar	✓ nursing management (PPH) ✓ nursing management of infections			
Monthly examination the students to evaluate them	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming	✓ Neonatal Nursing Care ✓ Nursing assessment and management of neonates.	Understand the neonatal nursing care , Immediate ,and the physiological changes and adaptation	3	10
-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming	✓ Physiological changes and adaptation ✓ Immediate and daily neonatal care	Understand Immediate care, and the physiological changes and adaptation	3	11
-Daily Quiz. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming -Seminar	✓ Gynecological disorders Common gynecological disorders	Study of the most important Gynecological disorders	3	12
-Daily Quiz. -Discussion of the case	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming -Seminar	✓ Benign and malignancy of genital tract	Identify the most common Benign and malignancy of genital tract	3	13
-Assessment of the students. -Daily Quiz. -Assignment, Report. Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming -Seminar	✓ Menstrual disorders	Understand the menstrual disorders	3	14

-Assessment of the students. -Daily Quiz. -Assignment, Report. -Discussion of the case.	-Discussion the reports -Using play role during lecture. -Collaborative Learning -Learning Motivation -show to the students film , picture and models -Brainstorming -Seminar	✓ Infertility	Explain the infertility ,causes for both male and female and their treatment and nursing management	3	15

11. Course Evaluation

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

- Two semester exams for theoretical subject 15%
- Attendance 2.5%
- Homework 2.5%
- Seminar 5%
- Quiz 5%
- practice and report 10%
- Final practical exam 20
- Final theoretical exam 40 The total score is 100

12. Learning and Teaching Resources

1. Maternal and neonate health nursing (Adele Pillittri, 2018) 2. Introduction to maternity and pediatric Nursing (Leifer, 2019)	Required textbooks (curricular books, if any)
----	Main references (sources)
----	Recommended books and references (scientific journals, reports...)
https://play.google.com/store/apps/details?id=salehagroup.guidentonewborncare&hl=ar https://play.google.com/store/apps/details?id=com.afra.maternalandnewbornnursingcareplans&hl=ar https://play.google.com/store/apps/details?id=com.medicalaps.obstetrics.gynecology.mnemonics&hl=ar https://play.google.com/store/apps/details?id=com.medpresso.Lonestar.saundersdx&hl=ar	Electronic References, Websites

Course Description (Nutrition and Diet Therapy)

1. Course Name:	Nutrition and Diet Therapy
2. Course Code:	NUT 305
3. Semester / Year:	Third stage// First and second semester
4. Description Preparation Date:	1-9-2026
5. Available Attendance Forms:	Theory in Class room
6. Number of Credit Hours (Total) / Number of Units (Total):	Total (30) hours Theory (2) hours (2) Credit
7. Course administrator's name (mention all, if more than one name)	Name: Anaam katran zughair Email: anaam.katran@uoturath.edu.iq
8. Course Objectives	
-A1.....Basics of human nutrition Principles of nutrition with their application to the physiological needs of individuals; Food sources and appropriate diet selection; Nutrition monitoring. A2.....Scientific principles in human nutrition - Chemistry and functions of proteins, carbohydrates, fats, vitamins and minerals. Ingestion, digestion, absorption, transport and metabolism A3.....Scientific principles in human nutrition Chemistry and functions of proteins, carbohydrates, fats, vitamins and minerals. Ingestion, digestion, absorption, transport and metabolism	

A4...Selected health conditions and problems in the field of nutrition such as diet during pregnancy and lactation, weight control, diet and diabetes, cardiovascular disease and others. B1...Helping patients make informed decisions about health care B2...Qualifying the student through direct evaluation and supervision of the meals services in the graduate's workplaces. B3...Enabling students to contribute to raising awareness of nutritional health and importance of healthy food for certain segments of society (pregnant women children, the elderly, and people with special needs). B4...Awareness of the characteristics of a balanced diet C1...Supervising and following up on the health and hygiene of food provided to patient. C2...Raising awareness about nutritional health and the importance of healthy food certain segments of society (pregnant women, children, the elderly, and people with special needs). C3...Qualification in providing instructions and directions for transporting, storing, methods of giving food to patients.					
9. Teaching and Learning Strategies					
1.How to deliver a lecture using PowerPoint, films, and illustrations 2.Continuous discussion by asking questions and answers in the classroom and motivating the student self-think and thus to self-learning. 3.Continuous discussion by asking questions and answers in the classroom and motivating the student self-think and thus to self-learning					Strategy
10. Course Structure					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Week
Daily exam questions and answers	Daily exam questions and answers	Fundamentals of Nutrition.	Definition of the six nutrients and their relationship With the energy it generates in the body and knowing the factors that affects the intake of these substances	2	1
Daily exam questions and answers	Presentation , discussion, Brain storming	Assessment of Nutritional Status	Body composition. fat mass and fat-mass(FFM);Nutritional status, malnutrition Nutritional assessment methods: direct indirect	2	2
Daily exam questions and answers	-presentation, discussion, Brain storming	Dietary references and diet - planning	--Plan a healthy diet and learn about the five tips Dietary principles for planning healthy eating; Healthy nutrients and unhealthy energy nutrients; Planning how to eat; ;	2	3

			Dietary guidelines, seven key messages From MyPlate; Nutritional quantities reference		
Daily exam questions and answers	presentation, discussion, Brain storming	Metabolism and Nutrition	The concept of energy balance. Fuel sources of energy; basal metabolic rate; How to calculate basal metabolic rate; Factors affecting basal metabolic rate; Distribution of body fat under the skin	2	4
Daily exam questions and answers	presentation, discussion, Brain storming	Carbohydrates	Definition of carbohydrates and food sources. Monosaccharides, disaccharides, and complex carbohydrates; Non-fiber Soluble and insoluble. digestion; Functions of carbohydrates; Glycemic index (GI), recommended amounts of sugars and carbohydrates; And alternative sweeteners	2	5
Daily exam questions and answers	presentation, discussion, Brain storming	LIPIDS	Definition of fats and their derivatives, their food sources and unity Basic knowledge of triglycerides and acids Essential and non-essential fatty acids and hydrogenation of fats Cholesterol and its relationship to heart disease, types of good and bad cholesterol, and how to digest them	2	6
presentation, discussion, Brain storming	presentation, discussion, Brain storming	Amino Acids and Protein	introduction to amino acids, their composition of protein, food sources, types of essential and non-essential amino acids, proteins and their types, complete and incomplete, the method of digestion, diseases associated with them, and the amount of protein required for a healthy life.	2	7
Daily exam questions and answers	presentation, discussion, Brain storming	Vitamins & Minerals	Definition of vitamins, their types, sources, required quantities, diseases causing deficiency, and their sources from food	2	8
Daily exam questions and answers	presentation, discussion, Brain storming	The Healthiest Diet	Nutritious food, characteristics of a healthy diet, low-carb diet, Mediterranean diet, diet Paleo, vegan, and gluten-free diet Nutrition before pregnancy; Nutrition i the pre-pregnancy period; Nutrition during pregnancy. Weight gain during pregnancy; nutritional needs; Foods to avoid during pregnancy, essential vitamins and minerals During pregnancy, complications during pregnancy, risks weight gain During pregnancy, problems that can include the baby, breastfeeding, Advantages of breastfeeding for mother	2	9
Daily exam questions and answers	presentation, discussion, Brain storming	Child & Adolescent Nutrition	Nutrition in infancy (0-12 months), Breastfeeding, Advantages for infants, Comparison of breastfeeding with hum milk	2	10

			and cow's milk, Nutrition in young children (1-3 years), Nutrient intake, School children (ages 6 to 12 years), nutritional needs concerns for calcium and iron.		
11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc					
-Attendance and participation: 5%, daily exams: 5%, monthly theoretical exams: 20%, ----					
-					
-Theoretical final exam: 70%					
-Total score : 100%					
12. Learning and Teaching Resources					
1- Lutz, Carroll A., Erin Mazur, and Nancy Litch. <i>Nutritio and diet therapy</i> . FA Davis, 2014. 2- Dudek, S.G. (2014). <i>Nutrition Essentials for Nursing Practice (7th ed.)</i> . Philadelphia, PA: Lippincott, Williams Wilkins. ISBN 978-1-4511-8612-3 3- Mudambi, S. R. (2007). <i>Fundamentals of foods, nutrition and diet therapy</i> . New Age International			Required textbooks (curricular books, if any)		
			Main references (sources)		
1- The central library.			Recommended books and references (scientific journals, reports...)		
2- Internet information network.					
			Electronic References, Websites		

Course Description(Research in Nursing)

1. Course Name:					
Research Methods					
2. Course Code:					
RSM302					
3. Semester / Year:					
Semester 1 &2 / grade 3					
4. Description Preparation Date:					
1/9/2026					
5. Available Attendance Forms:					
Lectures					
6. Number of Credit Hours (Total) / Number of Units (Total):					
2 credits 2 hours weekly, total 30 hours					
7. Course administrator's name (mention all, if more than one name) :					
Name: Prof.Dr.Hala Saadi Email: hala.saadi@uoturath.edu.iq					
8. Course Objectives					
A1.Make the student familiar with information about the scientific research problem and specifications for evaluating research problems. A2. Make the student familiar with information about the scientific research problem and specifications for evaluating research problems. A3. Make the student familiar with information related to the types of scientific research and the most important differences between them. A4.Make the student familiar with information about methods of collecting information and data required for research. B1.Make the student able to perform scientific research procedures related to how to write an introduction to the research. B2.Make the student able to conduct scientific research procedures on how to make a questionnaire B3.Make the student be able to understand scientific research procedures on how to collect a sample B4.Make the student able to conduct scientific research procedures related to research variables and distinguish between their different types. C1.Apply ethical and legal principles when writing scientific research. C2.Taking into account developments in scientific research methods when preparing the plan. C3.Enhancing self-confidence among students when presenting scientific research. C4. Cultivating the spirit of cooperation when conducting graduation projects.					
9. Teaching and Learning Strategies					
1.Lectures 2.slides presentation 3. discussion					Strategy
10. Course Structure					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Week

Quizzes	Slide presentation, discussion	Introduction to scientific research	Learn basics of scientific research	2	1
Quizzes	Slide presentation, discussion	Major steps in scientific research	How to conduct a research step step	2	2
Quizzes	Slide presentation, discussion	Research problem & research questions	How to formulate research questions	4	3&4
Quizzes	Slide presentation, discussion	Objectives & Hypothesis	How to write objectives and hypothesis	2	5
Quizzes	Slide presentation, discussion	Literature review & references (APA)	How to search for literature review And write references in different styles	4	6&7
Quizzes	Slide presentation, discussion	Sampling Methods	Types of sampling methods	2	8
Quizzes	Slide presentation, discussion	Sample size calculation	How to calculate sample size required	4	9&10
Quizzes	Slide presentation, discussion	Study designs	Different study designs	2	11
Quizzes and monthly exam	Slide presentation, discussion	Measurement & data collection (Questionnaires & study tools)	How to collect data using questionnaires	2	12
Quizzes	Slide presentation, discussion	Slide presentation, discussion	Tabulation & analysis of data	How to analyze data	13
Quizzes	Slide presentation, discussion	Discussion of the results	How to write discussion		14
Quizzes	Slide presentation, discussion	Guidelines for writing Graduation project report	How to prepare final year project		15

11. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc	
Attendance and participation 5%, daily exams 5%, monthly exams 20%, final exam 70%.	
12. Learning and Teaching Resources	
	Required textbooks (curricular books, if any)
- Massey, V., Research: A S Pennsylvania, Springhouse, 1999. - Nieswiadomy, R., Foundation of Nursins Research, 3'd ed., Stam & Appleton & Lange, 1998. - Polit, Denise _F *d Cheryl Tatano Beck, Essentials of Nursine Research Methods. Appraised. And Utilization, 6ft ed., New York Lippincott Williams & Wilkins, ZOOS. Polit, Denise F. and Cheryl Tatano Beck, Nursing Research Principles and Methods, 7ft ed., New York Lippincott Williams & Wilkins, 2004	Main references (sources)
* د. عبد القادر عباس ، <u>طبيعة البحث العلمي والدلائل الإحصائية</u>، ط1، دار الكتاب الحديث، القاهرة، 2012. * د. عبد الحافظ الشايب ، <u>أسس البحث التربوي</u>، ط1، دار وائل، عمان 2009. * د. كمال الدين وديحي مصطفى ، <u>نظم تقييم الجودة البحثية ومؤشراتها</u> (نظريّة وتطبيقات علمية)، ط1، دار العالم العربي ، القاهرة 2009.	Recommended books and references (scientific journals, reports...)
	Electronic References, Websites

Course Description (Health Sociology)

1. Course Name:
Health Sociology
2. Course Code:
HOS(303)
3. Semester / Year:
Third years / first semester
4. Description Preparation
1-9-2026
5. Available Attendance Forms:
Theory in Class room
6. Number of Credit Hours (Total) - credits/
Total (30) hours Theory=2 hours.
7. 2 credits/

8. Course administrator's name (mention all, if more than one name)					
Name:Usama Ahmed Ali					
Email: Usamaali@uoturath.edu.iq					
9. Course Objectives					
A1-Understand certain concepts of sociology.					
A2-Identify the components of a society.					
•	A3.Determine the importance of sociology on the nursing profession				
	B1.Recognize the interpersonal relationships among the health team and between nurse and clients				
•	B2.Develop positive attitude towards clients, nurses and other members of health team.				
•	B3.Analyze critically common health problems of the Iraqi society				
	• B4.Explore the reflection of health and diseases issues on the social behaviors individuals, groups and societies				
	• C1.Determine the rights and roles of clients, nurses, and other health team.				
•	C2.Suggest solutions to the health problems of the society depending on scient base.				
	• C3.Suggest solutions to the health problems of the society depending on scientific base.				
•					
10. Teaching and Learning Strategies					
1.Lectures, Blackboard, Data show 2.Small group's discussion. 3.Writing reports 4.Daily Quiz , unit exam 5.Attending students					Strategy
11. Course Structure					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Week
Daily quiz , attendance of students, Discussion	Lectures-smart board,Data show	Introduction of sociology:	Understand certain concepts of socio	2	1
Daily quiz , attendance of students, Discussion	Lectures-smart board,Data show	Social interaction and health	Understand certain concepts of sociolog	2	2

Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Social interaction and health	Understand certain concepts of sociolog	2	3
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Illness and disease	Analyze critically common health problem of the Iraqi society	2	4
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Illness and behaviour	Analyze critically common health problem of the Iraqi society	2	5
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Illness behaviour	Develop positive attitude towards client.	2	6
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Effects of social illness	Develop positive attitude towards client	2	7
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Effects of social illness	Develop positive attitude towards client	2	8
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Impact of social illn on the family	Analyze critically common health probl of the Iraqi society	2	9
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Effects of social illness on the family	Analyze critically common health probl of the Iraqi society	2	10
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Life style	Suggest solutions to the health problem the society depending on scientific base	2	11
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Quality of life	Suggest solutions to the health problem the society depending on scientific base	2	12
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Quality of life	Suggest solutions to the health problem the society depending on scientific base	2	13
Daily quiz , attendance of students, Discussion	Lectures- smart board,Data show	Stress	Suggest solutions to the health problem the society depending on scientific base	2	14
Daily quiz ,	Lectures- smart	Social relationship	Suggest solutions to the health problem the society depending on scientific base	2	15

attendance of students, Discussion	board,Data show				
12. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc					
1 st midterm exam.		10% 2 nd			
midterm exam.					
10% Assignments and quizzes					
		10			
%					
<u>Final exam.</u>		<u>70%</u>			
Total		100%			
13. Learning and Teaching Resources					
Medical sociology, Dr Madhu Nagla, Jaideep Majumdar,2020 HAND BOOK of MEDICAL SOCIOLOGY Sixth Edition			Required textbooks (curricular books, if any)		
Medical sociology, Dr Madhu Nagla, Jaideep Majumdar,2020 HAND BOOK of MEDICAL SOCIOLOGY Sixth Edition			Main references (sources)		
			Recommended books and references (scientific journals, reports...)		
			Electronic References, Websites		

The Fourth Year

Course Description (Mental Health Nursing)

97.Course Name:	
Mental Health Nursing	
98.Course Code:	
NUR 408	
99.Semester / Year:	
Fourth year / Second semester	
100. Description Preparation Date:	
12/9/2026	
101. Available Attendance Forms:	
Theory in classroom / Clinical in Psychiatric Hospitals	
102. Number of Credit Hours (Total) / Number of Units (Total)	
Theory: 45 hrs Clinical: 180 hrs Total: 225 hrs 7 Credits	
103. Course administrator's name (mention all, if more than one name)	
Name: Dr. Inam Abdulkareem Abas Email: inam.abdulkareem@uoturath.edu.iq	
104. Course Objectives	
Course Objectives	• provide the nursing students with basic knowledge concerning psychological concepts and principles. • Understand Psychological concepts, Principles and branches. • Discuss theories of personality development. • Recognize human motivation and its classification. • Distinguish between frustration and conflict • Identify the cognitive processes, such as thinking, memory, learning, and intelligence. • Explain human behaviors on the basis of psychological concepts and principles.
105. Teaching and Learning Strategies	
Strategy	1. Lectures, Blackboard, Data show 2. Small group discussion 3. Daily quiz, unit exam, clinical exam

4. Case study, Seminars
5. Posters, Handouts
6. Writing reports

106. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Psychiatric Nursing	Foundations of Psychiatric–Mental Health Nursing: - History and trends in psychiatric mental health nursing. - Introduction to psychiatric Mental Health Nursing. - Concept of mental health & Mental illness.	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
2	3	Psychiatric Nursing	Neurobiological and Psychosocial theories:	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students

			- Neurobiologic al theories.		
3	3	Psychiatric Nursing	Neurobiologic al and Psychosocial theories: - Psychosocial theories.	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
4	3	Psychiatric Nursing	Building the Nurse–Client Relationship: - Therapeutic relationship.	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
5	3	Psychiatric Nursing	Trauma and Stressor- Related Disorders: - Introduction - Post- traumatic Stress Disorder - Related- Disorders - Dissociative Disorders	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
6	3	Psychiatric Nursing	Anxiety and anxiety related disorders: - Introduction	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students

			- Anxiety as a response to stress - Levels of anxiety - Working with anxious client - Incidence, Onset and clinical course		
7	3	Psychiatric Nursing	Related disorders: - Etiology - Panic Disorder - Phobias - Generalized Anxiety Disorder	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
8	3	Psychiatric Nursing	Obsessive–Compulsive and Related Disorders: - Introduction - Onset and clinical course - Related Disorders - Etiology - Treatment and Nursing Intervention	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students

9	3	Psychiatric Nursing	Schizophrenia Spectrum and related Disorders: - Introduction - Clinical course	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
10	3	Psychiatric Nursing	Related Disorders: - Etiology - Treatment and Nursing Intervention	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
11	3	Psychiatric Nursing	Mood Disorders and Suicide: - Introduction - Categories of mood disorders - Related- Disorders	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
12	3	Psychiatric Nursing	Etiology, Major Depressive Disorder, Bipolar Disorders, Suicide	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
13	3	Psychiatric Nursing	Addiction: - Introduction	Lectures, Blackboard,	Group's discussion, daily quiz,

			- Types of substance abuse - Onset and clinical course - Related Disorders - Etiology - Types of Substances and Treatment - Treatment and Nursing Intervention	data show, discussion	attendance of students
14	3	Psychiatric Nursing	Cognitive Disorders: - Introduction - Delirium - Dementia	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students
15	3	Psychiatric Nursing	Somatic Symptom Illnesses: - Overview of somatic symptoms illness - Onset and clinical course - Related disorders - Etiology - Treatment and Nursing Intervention	Lectures, Blackboard, data show, discussion	Group's discussion, daily quiz, attendance of students

107. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student:

Evaluation Task	Percentage / Score
Theory mid exam	20%
Clinical evaluation	20%
Final theory exam	40%
Final clinical exam	20%
Total	100%

108. Learning and Teaching Resources

Required textbooks (curricular books, if any)	SHEILA L. VIDEBECK, PhD, RN Professor, Nursing. <i>Psychiatric–Mental Health Nursing</i> , 8th edition, 2020.
Main references (sources)	Linda M. Gorman, RN, MN. <i>Mental Health Nursing</i> , 6th edition, 2015.
Recommended books and references (scientific journals, reports...)	Carol Ren Kneisl, Eileen Trigoboff. <i>Contemporary Psychiatric–Mental Health Nursing</i> , 3rd edition, 2014.
Electronic References, Websites	Link / Focus: apa.org/about/division/div38 Link / Focus: ncbi.nlm.nih.gov/pmc

Course Description (Medical Psychology for Nursing)

109. Course Name:	
Medical Psychology for Nursing	
110. Course Code:	
HPN410	
111. Semester / Year:	
Fourth year / Second semester	
112. Description Preparation Date:	
12/9/2026	
113. Available Attendance Forms:	
Theory in classroom	
114. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours (2 hours weekly) 2 Credits	
115. Course administrator's name (mention all, if more than one name)	
Name: Dr. Inam Abdulkareem Abas Email: inam.abdulkareem@uoturath.edu.iq	
116. Course Objectives	
Course Objectives	• Provide the nursing students with basic knowledge concerning psychological concepts and principles. • Understand psychological concepts, principles, and branches. • Discuss theories of personality development. • Distinguish between frustration and conflict. • Identify cognitive processes, such as thinking, memory, learning, and intelligence. • Explain human behaviors on the basis of psychological concepts and principles. • Apply psychological principles and theories in practical daily life.
117. Teaching and Learning Strategies	
Strategy	1. Lectures, Blackboard, Data show

2. Small group discussion
3. Writing reports
4. Daily Quiz, Unit exam
5. Attending students

118. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Psychology for Nurses	Introduction to Psychology: - Definitions and terminology. - History of psychology. - Aims of psychology.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
2	2	Psychology for Nurses	- Theoretical and practical branches of psychology. - Approaches to psychology. - Methodology in psychology.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion

3	2	Psychology for Nurses	Motivation: - Definition. - Theories of motivation.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
4	2	Psychology for Nurses	- The work of motives. - Motives classification .	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
5	2	Psychology for Nurses	Emotion: - Definition. - Theoretical background.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
6	2	Psychology for Nurses	- Nervous system and emotion. - Developmen t of emotion. - Kinds of emotion.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
7	2	Psychology for Nurses	Frustration and Conflict: - Frustration definition and causal factors. - Conflict definition and kinds.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion

8	2	Psychology for Nurses	- Management of Frustration and conflict. - Psychological Defense Mechanisms.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
9	2	Psychology for Nurses	Personality: - Definition. - Theoretical background. - Trait classification	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
10	2	Psychology for Nurses	- Measurement and evaluation of personality. - Adjustment.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
11	2	Psychology for Nurses	Attention and perception: - Definitions. - Kinds of attention. - Factors affect attention.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion

12	2	Psychology for Nurses	Thinking and Learning: - Definitions. - Kinds and levels of thinking. - Conditions of learning.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
13	2	Psychology for Nurses	Memory and Forgetting: - Definitions. - Process of memorization. - Types of memory. - Causal factors of forgetting. - Interpretation of forgetting.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
14	2	Psychology for Nurses	Stress and stress management	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion
15	2	Psychology for Nurses	Intelligence: - Definition of Intelligence.	Lectures, Blackboard, Data show	Daily quiz, attendance of students, discussion

			- Factors effecting Intelligence. - Intelligent Age and Intelligent Quotient.		
--	--	--	--	--	--

119. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student:

Evaluation Task	Percentage / Score
Midterm exam	15%
Quiz	5%
Assignments	5%
Student attendance	5%
Final exam	70%
Total	100%

120. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Sreevani, R. (2013). <i>Psychology for nurses</i> . Jaypee Brothers Medical Publishers.
Main references (sources)	Upton, D. (2013). <i>Introducing psychology for nurses and healthcare professionals</i> . Routledge.
Recommended books and references (scientific journals, reports...)	1. Rosie M. Psychology. (2017). Rice University. 2. Ciccarelli, S., & White, J. (2018). <i>Psychology</i> . Fifth edition: Pearson Education Limited.
Electronic References, Websites	Link / Focus: apa.org/about/division/div38 Link / Focus: ncbi.nlm.nih.gov/pmc

Course Description (Critical Care Nursing)

121.	Course Name:
	Critical Care Nursing
122.	Course Code:
	MUR409
123.	Semester / Year:
	Fourth year / Second semester
124.	Description Preparation Date:
	12/9/2026
125.	Available Attendance Forms:
	Theory in classroom / Clinical in Psychiatric Hospitals
126.	Number of Credit Hours (Total) / Number of Units (Total)
	Total (180) hours weekly of (15) weeks (12 hours weekly: 2 Theory + 4 Lab. + 6 Clinical) Total of (6) credits (4 Theory + 4 Practice)
127.	Course administrator's name (mention all, if more than one name)
	Name: Ass. Lecturer Ahamed Sabah Email:
128.	Course Objectives
Course Objectives:	• Utilize knowledge from the humanities and science in planning the care of critically ill adults. • Demonstrate safe nursing care of critically ill adults. • Understand the effect of the critical illness on the clients and their families. • Assess and manage client with renal - urinary dysfunctions. • Discuss psychosocial assessment and interventions relevant to critically ill clients and their families. • Describe the impact of the critical care environment on the clients. • Discuss current monitoring techniques used in critical care settings. • Demonstrate competence in hemodynamic and cardiac monitoring. • Deal efficiently with cases.

129. Teaching and Learning Strategies	
Strategy	1. Method of delivering lectures, discussion groups, and asking questions during theoretical material. 2. Practical training in specialized laboratories. 3. Using white board, using PowerPoint slides on data show. 4. Practical application or clinical training in teaching hospitals, presenting seminars by students, and presenting a topic or assignment within the subject's specialty. Practical training. 5. Role play. 6. Show educational films.

130. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 - 2	4	Understanding professional nursing work, interpreting issues of integration into society, discussing beneficiary systems, identifying ethical dimensions, application of computer science, understanding concepts of change/complexity/c haos, predicting future visions, and applying health	Unit 1: General concepts in caring for critically ill: 1. Nutritional support. 2. Mechanical ventilation. 3. Homodynamic monitoring. 4. Sedating and paralytic agents. 5. Alteration in consciousness. 6. Pain. 7. Prolonged immobility.	Slide show, brainstorming, discussion, PowerPoint, Role play	Questions and answers, Daily exam, Teamwork

		education.			
3 - 4	4	Understanding professional nursing work, interpreting issues of integration into society, discussing beneficiary systems, identifying ethical dimensions, computer science application, predicting future visions, and applying health education.	Unit 2: The concept of holism applied to critical care nursing: 1. The client's experience with critical illness. 2. The family's experience with critical illness. 3. Impact of critical care environment on the client. 4. Relieving pain and providing comfort. 5. Psychosocial support for the clients and their families. 6. Client and family education in critical care.	Slide show, brainstorming, discussion, PowerPoint, Role play	Questions and answers, Daily exam, Teamwork
5	2	Understanding professional nursing work and legal/ethical issues, using nursing models to solve problems, applying health education.	Unit 3: Professional practice issues in critical care: 1. Ethical issues in critical care nursing. 2. Legal issues in critical care nursing. 3. Excellence in	Slide show, brainstorming, discussion, PowerPoint, Role play	Questions and answers, Daily exam, Teamwork

			critical care nursing.		
6	2	Understanding special populations in critical care and applying nursing models and health education.	Unit 4: Special Populations in Critical Care: 1. The critically ill pediatric client. 2. The critically ill pregnant woman. 3. The critically ill older client. 4. The post anesthesia client.	Slide show, brainstorming, discussion, PowerPoint, Role play	Questions and answers, Daily exam, Teamwork
7 - 8	4	Understanding cardiovascular dysfunctions and applying appropriate nursing interventions and health education.	Unit 5: Cardiovascular Dysfunctions: 1. Acute coronary syndromes (Chest pain, Angina pectoris, Myocardial infarction). 2. Heart failure / pulmonary edema. 3. Cardiogenic shock. 4. Cardiac surgery. 5. Nursing intervention and management.	Slide show, brainstorming, discussion, PowerPoint, Role play	Questions and answers, Daily exam, Teamwork
9 - 10	4	Understanding respiratory dysfunctions and implementing nursing intervention	Unit 6: Respiratory Dysfunctions: 1. Refractory severe asthma.	Slide show, PowerPoint, brainstorming, discussion, Role play	Questions and answers, Daily exam, Teamwork

		and management.	2. Acute lung and acute respiratory distress syndrome. 3. Pneumothorax. 4. Acute respiratory failure. 5. Nursing intervention and management.		
11 - 12	4	Understanding renal-urinary dysfunctions, renal replacement therapies, and nursing intervention.	Unit 7: Renal – Urinary Dysfunctions: 1. Acute renal failure. 2. Renal transplantation. 3. Renal replacement therapies. 4. Nursing intervention and management.	Slide show, PowerPoint, brainstorming, discussion, Role play	Questions and answers, Daily exam, Teamwork
13 - 14	4	Understanding multisystem trauma, burns, and emergency management interventions.	Unit 8: Multisystem Trauma: 1. Wound management. 2. Head and facial trauma. 3. Spinal cord and neck trauma. 4. Chest trauma. 5. Abdominal Trauma. 6. Musculoskeletal emergencies.	Slide show, PowerPoint, brainstorming, discussion, Role play	Questions and answers, Daily exam, Teamwork

			7. Burns.		
15	2	Comprehensive theoretical evaluation of student learning outcomes.	Final Theoretical Exam	Written Examination	Final Exam

131. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student:

Evaluation Task	Percentage / Score
1st Theory Exam	10%
2nd Theory Exam	10%
Clinical Evaluation	20%
Final Theory Exam	40%
Final Clinical Exam	20%
Total	100%

132. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Suzanne C., Brenda G., Janice L., Kerry H. <i>Brunner & Suddarth's: Textbook of Medical-Surgical Nursing</i> , 12th edition, 2010.
Main references (sources)	1. Baird, Marianne Saunorus, et al., <i>Manual of Critical Care Nursing Intervention and Collaborative Management</i> , 5th ed., St. Louis, Mosby Inc., 2005. 2. Morton, Patricia Gonce, et al., <i>Critical Care Nursing A Holistic Approach</i> , 8th ed., New York, Lippincott William & Wilkins, 2005.

	3. Sheehy, Susan Budassi and Gail Pisarcik Lenehan, <i>Manual of Emergency Care</i>, St. Louis, Mosby A Harcourt Health Sciences Company, 1999. 4. Sole, M., <i>Introduction to Critical Care Nursing</i>, 3rd ed., New York Philadelphia: W. B. Saunders, (2000).
Recommended books and references (scientific journals, reports...)	Brunner & Suddarth's Textbook of Medical-Surgical Nursing (14th/15th Edition) • Authors: Janice L. Hinkle, Kerry H. Cheever • Focus: Comprehensive foundational knowledge on acute and critical medical-surgical interventions, pathophysiology, and collaborative patient care.
Electronic References, Websites	Link / Focus: aacn.org Link / Focus: ncbi.nlm.nih.gov/pmc

Course Description (Community Health Nursing)

133. Course Name:	Community Health Nursing
134. Course Code:	NUR 401
135. Semester / Year:	Fourth year / First and Second semester
136. Description Preparation Date:	August 2026
137. Available Attendance Forms:	Theory in classroom / Primary Health care Centers, schools, Nutrition Institution
138. Number of Credit Hours (Total) / Number of Units (Total)	Theory: 45 hrs Clinical: 180 hrs Total: 225 hrs 7 Credits
139. Course administrator's name (mention all, if more than one name)	Name: Prof. Dr. Hala Saadi Abdulwahid Email: hala.saadi@uoturath.edu.iq

140. Course Objectives					
Course Objectives	• Enabling students to become familiar with the most important basic concepts of community health and public health nursing. • Enabling students to become familiar with the multiple nursing specializations in community health nursing, such as primary health care, maternal and child health nursing, school health nursing, men's and women's health nursing, family health nursing, and elderly health nursing. • Enabling students to learn about the use of the nursing process, therapeutic interventions, critical thinking, and professional communication to provide health care services to health service beneficiaries from the community. • Enabling students to learn about models of health promotion that benefit society. • Enabling students to learn about therapeutic communication skills with health service beneficiaries in the community, and with members of a multidisciplinary health team in the health system. • Enabling students to learn about the principles of self-direction, leadership and case management in meeting the needs of health service beneficiaries in the community. • Enabling students to apply theoretical concepts in practical reality.				
141. Teaching and Learning Strategies					
Strategy	1. Direct instruction/interactive lecture using a slide presentation format. 2. Active learning/discussion utilizing brainstorming techniques 3. Problem-based learning/presenting a real-world problem. 4. Collaborative learning/group assignments for students. 5. Direct training (practical training) approach, where the instructor directly supervises the practical training in accordance with the curriculum designed for this purpose.				
142. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	3	The student identifies the basic concepts of CHN	Introduction to community Health Nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
2	3	The student identifies the dimensions of CHN	Dimensions of community health nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
3	3	The student identifies hoe to assess the communities	Community Assessment	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
4	3	The student identifies the approaches for community health	Community Approaches	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
5	3	The student identifies the concepts and elements of PHC	Primary Health Care	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
6	3	The student identifies the services provided for families	Family Health Nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
7	3	The student identifies the services provided foe special groups	Health Care for groups	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.

		in the community			
8	3	The student identifies services provided for the mothers and their children	Maternal and Child health Care	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
9	3	The student identifies the services provided for the students	School Health Nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
10	3	The student identifies the services provided for the workers in their workplace	Occupational Health Nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
11	3	The student identifies elements of home visits	Home Visits	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
12	3	The student identifies the service provided for the families at their home residence	Home Health Care Nursing	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
13	3	The student identifies the services	Environmental Health Nursing	Lectures, Blackboard,	Interactive lecture and discussion using the

		provided to control environment pollution		data show, discussion	brainstorming technique.
14	3	The student reviews the lectures	Review for the whole lectures	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
15	3	Student Evaluation	Term Exam	Evaluation Tool	Evaluation

143. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student:

Evaluation Task	Percentage / Score
Theory exam	15%
Quizzes	5%
Clinical evaluation	20%
Final theory exam	40%
Final clinical exam	20%
Total	100%

144. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Community and Public Health Nursing : Promoting Health of Aggregate, Families and Communities, Fourth Edition, St. Louis, 1996.
Main references (sources)	Community and Public Health Nursing: Promoting Health of Aggregate, Families and Communities, Fourth Edition, St. Louis, 1996.
Recommended books and references (scientific journals, reports...)	1. Journal of Community Health Nursing 2. American Journal of Public Health
Electronic References, Websites	community and Public Health Nursing pdf https://repository.poltekkes-kaltim.ac.id/563/1/Public%20Health%20Nursing%20(%20DFDrive.com%20).pdf

Course Description (Epidemiology)

145. Course Name:	Epidemiology
146. Course Code:	Epid406
147. Semester / Year:	Fourth year / First and Second semester
148. Description Preparation Date:	August 2026
149. Available Attendance Forms:	Theory in classroom
150. Number of Credit Hours (Total) / Number of Units (Total)	Theory: 2 hours weekly=30 hrs 2 Credits
151. Course administrator's name (mention all, if more than one name)	Name: Prof. Dr. Hala Saadi Abdulwahid Email: hala.saadi@uoturath.edu.iq
152. Course Objectives	

Course Objective	• The student defines epidemiology, knows the natural history of diseases and levels of prevention. • The student knows the types of epidemiological studies and measurements. • The student understands environmental, occupational, and nutrition applications of epidemiology. • The student is able to apply the natural history of diseases and levels of the prevention to provide nursing care for individuals, families, and community • The student is able to apply epidemiological studies in nursing practice.
-------------------------	--

153. Teaching and Learning Strategies

Strategy	1. Direct instruction/interactive lecture using a slide presentation format. 2. Active learning/discussion utilizing brainstorming techniques 3. Problem-based learning/presenting a real-world problem. 4. Collaborative learning/group assignments for students.
-----------------	---

154. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	The student identifies the basic concepts of CHN	Introduction epidemiology	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
2	3	The student identifies the dimensions of CHN	Natural history health-related conditions and prevention	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
3	3	The student identifies how to assess the communities	Epidemiology of Diseases	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
4	3	The student identifies the approaches	Strategies for identifying Disease	Lectures, Blackboard,	Interactive lecture and discussion using the

		for community health		data show, discussion	brainstorming technique.
5	3	The student identifies the concepts and elements of PHC	Principles for Diseases Control	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
6	3	The student identifies the services provided for families	Professional and Ethical Considerations in Epidemiology	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
7	3	The student identifies the services provided for special groups in the community	First Mid Term Exam	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
8	3	The student identifies services provided for the mothers and their children	Epidemiological Studies	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
9	3	The student identifies the services provided for the students	Rates in Epidemiology	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
10	3	The student identifies the services	Environmental and	Lectures, Blackboard,	Interactive lecture and discussion using the

		provided for the workers in their workplace	Occupational Epidemiology	data show, discussion	brainstorming technique.
11	3	The student identifies elements of home visits	Epidemiology of Nutrition	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
12	3	The student identifies the service provided for the families at their home residence	Epidemiology of Accidents and Injuries	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
13	3	The student identifies the services provided to control environment pollution	Project Presentation	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
14	3	The student reviews the lectures	Review for the whole lectures	Lectures, Blackboard, data show, discussion	Interactive lecture and discussion using the brainstorming technique.
15	3	Student Evaluation	Term Exam	Evaluation Tool	Evaluation

155. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student:

Evaluation Task	Percentage / Score
Theory exam	20%
Quizzes	5%
Report	5%
Final theory exam	30%
Final clinical exam	70%
Total	100%

156. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	Gordis Epidemiology, 6th Edition by David D Celentano & Moyses Szklo , Elsevier 2020
Recommended books and references (scientific journals, reports...)	Journal of epidemiology
Electronic References, Websites	World health organization (WHO) Ministry of Health , Iraq

Course Description (Health Promotion)

157.	Course Name:
	Health Promotion
158.	Course Code:
	HPR 405
159.	Semester / Year:
	Fourth Grade/First or second semester
160.	Description Preparation Date:
	12/9/2026
161.	Available Attendance Forms:
	Theory in classroom
162.	Number of Credit Hours (Total) / Number of Units (Total)
	Total number of hours: (30) hours Theoretical hours (2 hours) per week: for (15) 2 Credits
163.	Course administrator's name (mention all, if more than one name)
	Name: Usamah Ahmed Ali Email: Usamaali@uoturath.edu.iq
164.	Course Objectives
Course Objective	• Enabling students to recognize the most important basic concepts and principles related to health promotion. • Enabling students to identify theoretical models that address the concept of health promotion. • Enabling students to learn about the application of health promotion and disease prevention methods. • Enabling students to distinguish between the concept of health promotion and the concept of health protection. • Enabling students to recognize the levels of health measurement. • Enabling students to learn about the basics of applying health promotion in the practical reality of community health nursing. • Enabling students to recognize the roles of community health nurses in promoting health.
165.	Teaching and Learning Strategies
Strategy	7. Lectures, Blackboard, Data show 8. Small group discussion

9. Daily quiz, unit exam, clinical exam
10. Case study, Seminars
11. Posters, Handouts
12. Writing reports

166. Course Structure

Week	Hours Theory	RLOs	Topic/Subject Name	Learning Method	Evaluation Method
1	2 Hours	Increasing students' knowledge and developing skills about community health	An Overview of Health and Health Promotion	The use of Power Point Program for lectu presentation	Quiz
2	2 Hours	Increasing students' knowledge and developing skills about the dimensions of the community health nursing model	Theories of Human Behaviors and Health		Quiz
3	2 Hours	Increasing students' knowledge and developing skills about community health assessment	Health Promotion Models	The use of Power Point Program for lectu presentation	Quiz
4	2 Hours	Increasing students' knowledge and developing their skills on ways to access community health	Developing a Health Promotion-Prevention Plan	The use of Power	Quiz
5	2 Hours	Increasing students' knowledge and developing skills	Measuring Outcomes of Health	Point Program lecture presentat	Quiz

			about primary health care the community	Promotion and Prevent Interventions		
6	2 Hours	Increasing students' knowledge and developing students' skills about family health care services	Domains Funda mental Nursing Practice in Health Promotion	The use of Powe	Quiz	
7	2 Hours	Increasing students' knowledge and developing skills about caring for special community groups	Roles of the Nurse in Health Promotion	The use of Power Point Program lecture presentat	Quiz	
8	2 Hours		First Mid Term Exam			
9	2 Hours	Increasing students' knowledge and developing skills about maternal and child care	Overview of the Nursing Process	The use of Power Point Program lecture presentat	Quiz	
10	2 Hours	Increasing students' knowledge and developing skills about school health services	Risk Factors and Health Promotion	The use of Power Point Program lecture presentat	Quiz	
11	2	Increasing	Current Factors Affecting		Quiz	

167. Course Evaluation	
. Adopting daily, monthly and quarterly tests Student evaluation is as follow: 1.Semester pursuit score First midterm theoretical exam: 13% Second midterm theoretical exam: 12% Daily exams: 5% <u>Final semester exam: 70%</u> Total: 100%	
168. Learning & Teaching Resources	
Required textbooks (curricular if any)	1. Pender, J.N.; Murdaugh, L. C. and Parsons, A. M., Health promotion in Nursing practice, Fifth Edition, PEARSON Education LTD, 2006. 2. Maville, A. J. and Huerta, G. C., Health Promotion in Nursing, Seconed Edition, Delmar Cengage Learning, Australia, 2008.
Main References (sources)	1.Pender, J.N.; Murdaugh, L. C. and Parsons, A. M., Health promotion in Nursing practice, Fifth Edition, PEARSON Education LTD, 2006. 2.Maville, A. J. and Huerta, G. C., Health Promotion in Nursing, Seconed Edition, Delmar Cengage Learning, Australia, 2008.
Recommended Books & References (Scientific Journals, Reports ...)	American Journal of Health Promotion
Websites or Electronic References	Health promotion in Nursing practice e:///C:/Users/SamaOffice/Downloads/Documents/0134754085.pdf

Course Description (Professional Perspectives and Issues in Nursing)

169. Course Name:
Professional Perspectives and Issues in

Nursing	
170.	Course Code:
NUR(403)	
171.	Semester / Year:
Fourth year / Second semester	
172.	Description Preparation Date:
12/9/2026	
173.	Available Attendance Forms:
Theory in classroom	
174.	Number of Credit Hours (Total) / Number of Units (Total)
30 hours: 2 hours weekly 2 credits	
175.	Course administrator's name (mention all, if more than one name)
Name: Usamah Ahmed Ali Email: Usamaali@uoturath.edu.iq	
176.	Course Objectives
Course Objectives	• The student understands the meaning of professional nursing practice • The student interprets socialization to professional nursing practice • The student discusses client's systems (individual, family, community) • The student identifies ethical dimensions of health and nursing care • The student applies computer science in nursing practice • The student uses nursing models in nursing problem solving • The student participates in health teaching of nursing practice • The student plays roles in nursing practical training for socialization
177.	Teaching and Learning Strategies
Strategy	13. Lectures, Blackboard, Data show 14. Small group discussion 15. Daily quiz, unit exam, clinical exam 16. Case study, Seminars 17. Posters, Handouts 18. Writing reports
178. Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding of: nursing profession, Characteristics of professional nursing practice	▪ Professional Nursing Practice	Slide show, Discussion	Daily Quiz
2	2	Interpretation of professional nursing socialization	▪ Socialization to professional nursing	Brain storming, Discussion, Slide show	Q & A
3, 4	4	Explanation of client's system	▪ Client's system	Brain storming, Discussion, Slide show	Q & A
5, 6	4	Identification of ethical dimensions of nursing & health care	▪ Ethical dimensions of nursing and health care	Brain storming, Discussion, Slide show	Daily Quiz
7, 8	4	Applications of computer science in nursing practice	▪ Computer science in nursing practice	Brain storming, Discussion, Slide show, role play	Group work
9, 10	4	Understanding of concepts (change, Complexity, chaos) and their applications in nursing	▪ Change, complexity and chaos	Brain storming, Discussion, Slide show	Q & A
11	2	Prediction of future perspectives in nursing	▪ Future perspectives	Discussion, Slide show	Daily Quiz
12, 13	4	Identification of nursing models, Application of nursing models in nursing problem solving	▪ Nursing models	Brain storming, Slide show, field Visit, role play	Group work
14	2	Application of health teaching in nursing practice	▪ Health teaching in nursing practice	Slide show, role play	Group work
15	2		▪ Mid Term Examination		

1. Course Evaluation	
Theory mid exam. 20%	
Class Activities and attendance 10%	
Final theory exam. 70%	

Total 100%	
2. Learning & Teaching Resources	
Required textbooks (curricular if any)	Black, B. Professional Nursing: Concepts & Challenges, 7th ed., Elsevier Saunders, St. Louis, Missouri. 2014.
Main References (sources)	- George, J. , Nursing Theories: The Base for Professional Nursing Practice, 6th ed., Pearson New International Edition, 2014. - Creasia, J. and Parker, B., Conceptual Foundations of Professional Nursing Practice, 2nd ed. Mosby, New York. 1996. - Cross, N. and McWay, D. , Stanfield's Introduction to Health Professions, 7th ed. Jones & Bartlett Learning Co. St. Louis, Missouri, 2017.
Recommended Books & References (Scientific Journals, Reports ...)	Journals related to professional nursing and professional issues in nursing
Websites or Electronic References	Websites of professional nursing & professional issues in nursing

Course Description (Management and Leadership in Nursing)

179.	Course Name:
Management and Leadership in Nursing	
180.	Course Code:
NUR 402	
181.	Semester / Year:
Fourth year / Second semester	
182.	Description Preparation Date:
12/9/2026	

183. Available Attendance Forms:					
Theory in classroom					
184. Number of Credit Hours (Total) / Number of Units (Total)					
75 hours (30 theoretical hours + 45 practical hours)					
3 Credits					
185. Course administrator's name (mention all, if more than one name)					
Name: Usamah Ahmed Ali					
Email: Usamaali@uoturath.edu.iq					
186. Course Objectives					
Course Objective		- Increasing students' knowledge of aspects related to leadership and management in nursing. - Enhancing students' performance in the roles of leader and nursing director in applied fields. - Enabling students to apply leadership and management theories in the applied field. - Acquiring skills related to leadership and management nursing. - Possibility of conducting evaluation for skills. - Strengthening the teaching and learning mechanism.			
187. Teaching and Learning Strategies					
Strategy		19. Lectures, Blackboard, Data show 20. Small group discussion 21. Daily quiz, unit exam, clinical exam 22. Case study, Seminars 23. Posters, Handouts 24. Writing reports			
188. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning Method	Evaluation Method

1	5 (2Th+ 3practice)	1. Increasing students' knowledge of aspects related to leadership and management in nursing. 2. Acquiring skills related to leadership and management in nursing.	Part I: Management 1.1. What is Management? 1.2. What Do Managers Do? 1.3. Basic Management Skills 1.4. How to Be a Better Manager As a person b. On the job 1.5. Levels of Management: a. Top-level managers b. Middle-level managers c. First-level managers	brainstorming, discussion, Power point	Daily exam, questions answers
2	5 (2Th+ 3practice)	1. The student is able to know the pyramid of management skills 2. The student acquires administrative skills	Part II: Management Skills Pyramid	brainstorming, discussion, Power point	questions answers
3	5 (2Th+ 3practice)	1. The student is able to know the roles that managers play.	Part III: Manager's Roles 3.1. Coach 3.2. Mentor 3.3. Team Player 3.4. Parent 3.5. Mediator	brainstorming, discussion, Power point	Questions answers writing report
4	5 (2Th+ 3practice)	1. The student is able to know the types of theories of management and their historical development	Part IV: Types of Management Theories	brainstorming, discussion, Power point	questions answers
5	5 (2Th+ 3practice)	1. The student is able to know how to be a successful manager	Part V: How to Manage? and the Ten Things to be A Better Manager	brainstorming, discussion, Power point	Questions answers monthly exam
6	5 (2Th+ 3practice)	1. The student is able to know what is meant by strategic management	Part VI: Strategic Management 6.1. Definitions 6.2. Levels 6.3. Stages 6.4. Activities in the Strategic Management Process 1. Strategic Formulation 2. Strategic Implementation 3. Strategic Evaluation	brainstorming, discussion, Power point	Daily exam, questions answers
7	5 (2Th+ 3practice)	1. The student is able to know the elements of management	Part VII: Functions of Management 7.1. Planning 7.2. Organizing 7.3. Staffing 7.4. Directing 7.5. Coordinating 7.6. Controlling 7.7. Decision Making 7.8. Evaluating	brainstorming, discussion, Power point	Daily exam, questions answers
8	5 (2Th+ 3practice)	1. The student is able to know what is meant by job description and analysis	Part VIII: Job Description and Analysis 8.1. Definition of Job Description 8.2. Steps in Developing Job Description 8.3. How to Write Job Description? 8.4. Definition of Job Analysis 8.5. Activities of Job Analysis	brainstorming, discussion, Power point	Daily exam, questions answers

		distinction from job analysis?	Analysis 8.6. Ten Top Concerns Today's Managers		
9	5 (2Th+3practice)	1.The student will be able to understand the inevitability of change and how to manage it 2. The student is able to understand risk management and how to avoid them.	Part IX: Change Management Risk Management 9.1. What is Change Management? 9.2. Why We Manage the Change? 9.3. What is the Goal of Change Management? What is Risk Management? Methods of Risk Management Principles of Risk Management Process 1. Establishing the Context 2. Identification 3. Assessment 4. Creating Risk Management Plan 5. Implementation 6. Review 7. Evaluation of the Plan 9.8. Six Cardinal Rules for the Practice of Change Management 9.8. Composite Index 9.10. Potential Risk Treatment 1. Risk Avoidance 2. Risk Reduction 3. Risk Sharing 4. Risk Retention	brainstorming, discussion, Power point	Questions and answers writing report
10	5 (2Th+3practice)	1. The student is able to know and understand the importance of time and how to manage time. 2. The student has knowledge of electronic management components	Part X: Time Management Electronic Management 10.1. Definitions 10.2. Personal Time Management Skills 10.3. Top 10 Time Management Tips 10.4. Components of Electronic Management	brainstorming, discussion, Power point	Questions and answers monthly exam
11	5 (2Th+3practice)	1. The student will be able to know definition of leadership and leader and what qualities and skills are	Part XI: Leadership 11.1. Definition 11.2. What is a Leader? 11.3. Traits and Skills of a Leader 11.4. Why Leaders Don't Always Lead? 11.5. Leaders are Always Positive? 11.6. Secrets of Leadership Success	brainstorming, discussion, Power point	questions and answers
12	5 (2Th+3practice)	1. The student will be able to know types of leaders such as autocratic, democratic, delegative and their advantages and disadvantages of each type.	Part XII: Lewin's Leadership Styles 12.1. Authoritarian (Autocratic) 12.2. Participative Leadership (Democratic) 12.3. Delegative (Laissez-Faire) Leadership 12.4. Characteristics of Successful Leadership Style	brainstorming, discussion, Power point	Discussion method questions and answers
13	5 (2Th+3practice)	1. The student will be able to understand	Part XIII: Transformational Leadership 13.1. What is Transformational Leadership? 13.2. Characteristics of Transformational Leadership	brainstorming, discussion,	questions and answers

		what is meant transformational leadership and components.	The History of Transformational Leadership 13.3. The Component Transformational Leadership	Power point	
14	5 (2Th+ 3practice)	1. The student be able to know, understand the type of leadership theories and features characteristics each type.	Part XIV: Leadership Theories 14.1. Great Man Theories 14.2. Theories 14.3. Contingency Theories 14.4. Situational Theories 14.5. Behavioral Theories 14.6. Participative Theories 14.7. Management Theories 14.8. Relationship Theories	brainstorming, discussion, Power point	Questions answers writing report
15	5 (2Th+ 3practice)	1. The student be able to understand transactional leadership and how it succeeds in work.	Part XV: Transactional Leadership 15.1. What is Transactional Leadership? 15.2. Basic Assumptions of Transactional Leadership 15.3. How Transactional Leadership Works?	brainstorming, discussion, Power point	questions answers

3. Course Evaluation	
1. Semester grade = 40% divided into attendance and participation: 5%, daily exams and reports: 5%, monthly theoretical and practical exams: 30%, 2., Final exam: 60% (40% theoretical + 20% practical) 3. Final total: 100%	
4. Learning & Teaching Resources	
Required textbooks (curricular if any)	1. Weiss, S. A., Tappen, R. M., & Grimley, K. A. (2019). Essentials of nursing leadership and management. Seventh edition. Philadelphia, F. A. Davis Company. 2. Angelo, E. (2019). Managing interpersonal conflict: Steps for success. Nursing management, 50(6),22–28. 3. Bergstedt, K., & Wei, H. (2020). Leadership strategies to promote frontline nursing staff engagement. Nursing Management, 51(2), 48–53.
Main References (sources)	A group of theoretical and practical lectures for subject teachers
Recommended Books & References (Scientific Journals, Reports ...)	-
Websites or Electronic References	-