

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



Academic Program and Course Description Guide

2023-2024

Introduction:

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

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

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

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

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

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

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

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

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

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

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

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: University of Mosul

Faculty/Institute: Faculty of Nursing

Scientific Department: Clinical Nursing Sciences Department (One Department Faculty)

Academic or Professional Program Name: Nursing Since (Undergraduate Program)

Final Certificate Name: Bachelor of Nursing Science.

Academic System: 4th Grade / 8 Semester

Description Preparation Date: 2/6/2023

File Completion Date: 10/12/2023

Signature: 

Head of Department Name:

Dr. Hana Hussein Mukhlif

Date: 10/10/2023

Signature: 

Scientific Associate Name:

Dr. Saad Hussien Murad

Date: 10/10/2023

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department

Date: 10/10/2023

Signature: 



Approval of the Dean

Prof.Dr. Salwa Al-Mukhtar

1. Program Vision

A distinguished academic program that equipped students with advanced nursing education, practice, and research to effectively enhance community health.

2. Program Mission

Graduate nursing professionals who are scientifically and practically qualified, ethically equipped, and are able to compete in the labor market.

3. Program Objectives

The program includes several objectives.

- Safety: Adhere to the nursing professional standards to provide safe and effective nursing practices and maintain the safety of the environment.
- Professional Behaviors: Demonstrate ethical, professional, and legal behaviors to promote the quality of nursing care
- E.B.P: Demonstrate evidence-based practice knowledge and skills to provide competent and high-quality nursing interventions.
- Decision Making: Using critical thinking and clinical reasoning to direct the nursing process and making clinical judgment for better nursing practice.
- Communication: Demonstrate effective therapeutic relationship and collaborate with clients, families, communities, and interprofessional healthcare team to deliver competent and quality healthcare.
- Client-Centered Care: Provide individualized nursing care that is appropriate and sensitive to clients age, gender, values, and cultural.

- Research Skills: Doing advanced nursing research that intended to solve local health problems.

4. Program Accreditation

The program has not been accredited by any accreditation agency.

5. Other external influences

The Faculty of Nursing is a governmental faculty and sponsored by the Ministry of Higher Education and Scientific Research and the University of Mosul.

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	10	16	11%	
College Requirements	32	124	89%	
Department Requirements	One department faculty			
Summer Training	140 hrs.	Pass/Fail		
Other				

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

7. Program Description

Course Description (To access the course description, please [click on the course code](#))

Academic year	Course Code	Course Name	theoretic al	laborat ory	practic al	Units
First Year First Semester	NUR101	Fundamentals of Nursing (1)	4	6	-	7
	CHM102	Biochemistry	3	2	-	4
	ANT104	Anatomy of nurses	3	2	-	4
	ETH105	Nursing Ethics	2	-	-	2
	ENG103	English Language (1)	2	-	-	2
	COS106	Computer (1)	1	-	-	1
	DEM113	Democracy and Human Rights	2	-	-	2
First Year Second Semester	NUR107	Fundamentals of Nursing (2)	4	-	12	8
	BHY108	Physiology for nurses	3	2	-	4
	TER110	Medical terminology	2	-	-	2
	ENG109	English Language (2)	2	-	-	2
	COS111	Computer Science (2)	-	2	-	1
	ARB112	Arabic Language (1)	2	-	-	2
Second Year First Semester	NUR201	Adult Nursing (1)	4	-	12	8
	HAS203	Health Assessment	2	2	-	3
	MBN204	Nurses Microbiology (1)	2	2	-	3
	PHR202	Pharmacology for Nurses (1)	2	-	-	2
	COS205	Computer Science (3)	-	2	-	1
	CDB212	Crimes of the Baath regime in Iraq	2	-	-	2
Second Year Second Semester	NUR206	Adult Nursing (2)	4	-	12	8
	MBN208	Nurses Microbiology (2)	2	2	-	3
	PAT207	Physiology of diseases for nurses	2	-	-	2
	PHR209	Pharmacology for Nurses (2)	2	-	-	2
	COS210	Computer Science (4)	-	2	-	1
	ARB213	Arabic Language (2)	2	-	-	2
	NUR211	Summer Clinical Internship	-	-	-	Pass
Third Year First Semester	NUR301	Maternal and Newborn Nursing	3	2	12	8
	RSM302	Research Methods in Nursing	2	-	-	2
	HSO303	Health Sociology	2	-	-	2
	NUT305	Nutrition and Nutritional Therapy	2	-	-	2
	HUMR304	Human Rights	1	-	-	1
Third Year Second Semester	NUR306	Pediatric Nursing	3	2	12	8
	HGD308	Human growth and development	3	-	6	5
	BST307	Biostatistics	2	-	-	2
	DEM311	Democracy	1	-	-	1
	ENG312	English Language 3	1	2	-	2
	NUR310	Clinical Summer Internship	-	-	-	Pass
Fourth Year First Semester	NUR401	Community Health Nursing	3	-	12	7
	EPID406	Epidemiology	2	-	-	2
	NUR402	Leadership and Management in Nursing	2	-	3	3
	HPR405	Health Promotion	2	-	-	2
	NUR403	Narratives and professional topics in nursing	2	-	-	2
	ARB412	Arabic Language (1)	1	-	-	1
Fourth Year Second Semester	NUR407	Psychiatric and Mental Health Nursing	3	-	12	7
	HBN410	Psychology for nurses	2	-	-	2
	NUR408	Critical Care Nursing	2	-	12	6
	ARB413	Arabic Language (2)	1	-	-	1
	ENG414	English Language (4)	1	2	-	2
	NUR411	Graduation Research	-	-	-	2

8. Expected learning outcomes of the program

Knowledge

A.1: Critical Thinking:	Equip students with critical thinking and problem solving skills
A.2: Health-related Concepts:	Understand nursing concepts and their applications.
A.3: Nursing Process:	Learn the steps of nursing process and their applications
A.4: Safety Concepts:	Recognize the importance of quality of nursing care and preventive measures to ensure clients' safety
A.5: Research Processes:	Understand the basics of nursing research and their types

Skills

B1: Nursing Intervention Skills	Provide effective and comprehensive nursing care and solve problems for clients with different age groups, sex, and healthcare issues.
B2: Communication Skills	Demonstrate effective therapeutic communication with patients and their families
B.3: Education Skills	Provide appropriate education for both patients and their families regarding different healthcare issues
B.4: Teamwork Skills	Work collaboratively with healthcare team to improve health outcomes of patients
B.5: Time Management Skills	Provide effective and competent nursing care services in timely manner.
B.6: Leadership Skills	Demonstrate motivational and inspirational leadership role

Ethics

C.1: Professionalism	Committed to nursing ethical standards when caring for clients or when collaborating with health teams.
C.2: Caring	Recognizing the patient as a unique person, being culturally and religiously competent.
C.3: Advocacy Role	Protecting patients health and acting as patient's voice

9. Teaching and Learning Strategies

Teaching and learning strategies and methods adopted in the implementation of the program in general.

10. Evaluation methods

Implemented at all stages of the program in general.

1. Classroom tests (daily).
2. Mid-term exams.
3. Case study (each student is assigned to study a specific medical case, prepare a report, and discuss it with the professor and students).
4. Semester exams.
5. Final exams.
6. Practical application tests



11. Faculty

Faculty Members

Academic Rank		Specialization			Special Requirements/ Skills (if applicable)	Number of the teaching staff	
		General	Special	No		Staff	Lecturer
Ph.D.	Professor	Nursing	Nursing	3	Teaching Certificate	3	0
		Basic Sciences	Basic Sciences	0	Teaching certificate & nursing skills		
	Assistant Professor	Nursing	Nursing	4	Teaching Certificate	5	0
		Basic Sciences	Basic Sciences	1	Teaching certificate & nursing skills		
	Lecturer	Nursing	Nursing	9	Teaching certificate & nursing skills	9	0
Master Degree	Assistant Professor	Nursing	Nursing	2	Teaching certificate & nursing skills	3	0
		Basic Sciences	Basic Sciences	1	Teaching Certificate		
	Lecturer	Nursing	Nursing	9	Teaching certificate & nursing skills	12	
		Basic Sciences	Basic Sciences	3	Teaching Certificate		
	Assistant Lecturer	Nursing	Nursing	16	Teaching certificate & nursing skills	21	0
		Basic Sciences	Basic Sciences	5	Teaching Certificate		

Professional Development

Mentoring new faculty members

The Faculty of Nursing follows three different models (didactic, clinical, and research) of mentoring new full-time faculty members. For all models, (one-on-one) strategy is followed. The new faculty members are assigned by the chair of the department with senior faculty member to guide them through lecture presentation and clinical training. New faculty members are also required to start their research interest with senior faculty members or shared supervision of undergraduate students' graduation projects with senior faculty.

Professional development of faculty members

Faculty members are annually evaluated by a unified instrument that includes different required domains to insure continuous professional development.

1. Teaching domain: This domain includes 5 subdomains and constitute (40%) of the total score.
2. Research and Scientific activities domain: Includes 5 subdomains (40%) of the total score
3. The educational aspect and other assignments domain: Includes 5 subdomains and constitute (20%) of the total score
4. Strength and weaknesses domain: Includes 5 subdomains, which considered as additional score and constitutes no more than (9%) of the total score

12. Acceptance Criterion

The enrollment criteria for the Faculty of Nursing are similar to all nursing faculties in Iraq; since, the enrollment process is central and runs by the Iraqi Ministry of Higher Education and Scientific Research. However, there are general criteria should be available for each student to be illegible to apply for the nursing program which are:

1. Have high school (scientific branch) with high GPA.
2. Top 5% of the high school of nursing
3. Physically and mentally healthy

13. The most important sources of information about the program

1. The faculty website

<https://uomosul.edu.iq/nursing/>

2. Faculty guidebook

[https://uomosul.edu.iq/nursing/wp-content/uploads/sites/8/2023/10/%D8%A7%D9%84%D8%AF%D9%84%D9%8A%D9%84-%D8%A7%D9%84%D9%83%D9%84%D9%8A2-2022-](https://uomosul.edu.iq/nursing/wp-content/uploads/sites/8/2023/10/%D8%A7%D9%84%D8%AF%D9%84%D9%8A%D9%84-%D8%A7%D9%84%D9%83%D9%84%D9%8A2-2022-2023_compressed-1.pdf)

[2023_compressed-1.pdf](https://uomosul.edu.iq/nursing/wp-content/uploads/sites/8/2023/10/%D8%A7%D9%84%D8%AF%D9%84%D9%8A%D9%84-%D8%A7%D9%84%D9%83%D9%84%D9%8A2-2022-2023_compressed-1.pdf)

3. Students guidebook

https://uomosul.edu.iq/public/files/datafolder_3073/_20211122_121840_250.pdf

14. Program Development Plan

1. Assessment of current situation: Annually assessing, challenges and achievement using SWAT analysis.

2. Assessing the learning needs for students using survey forms

3. The annual outcome of the Institutional performance evaluation

Program Skills Outline																	
			Required program Learning outcomes														
Year - Level	Course Code	Course Name	Knowledge				Skills							Ethics			
			A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4
1 st - Stage	NUR101	Fundamentals of Nursing I	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 st - Stage	CHM102	Chemistry	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 st - Stage	ENG103	English 1	✓	✓	✓					✓				✓			
1 st - Stage	ENG109	English 2	✓	✓	✓						✓				✓		
1 st - Stage	COS106	Computer 1	✓	✓	✓					✓							
1 st - Stage	COS111	Computer 2	✓	✓	✓					✓							
1 st - Stage	ANT104	Anatomy	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 st - Stage	PHY108	Physiology	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 st - Stage	NUR107	Fundamentals of Nursing II	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 st - Stage	TER110	Medical Terminology	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 st - Stage	ETH105	Nursing Ethics	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 st - Stage	ARA112	Arabic Language for Nursing I	✓						✓		✓	✓					
2 ^{ed} - Stage	NUR 201	Adult Nursing (1)	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	
2 ^{ed} - Stage	HAS 203	Health Assessment	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	
2 ^{ed} - Stage	PHR202	Pharmacology 1	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
2 ^{ed} - Stage	MBN204	Microbiology 1	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓

2 ^{ed} - Stage	MBN208	Microbiology 2	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
2 ^{ed} - Stage	PAT207	Pathophysiology	✓	✓	✓	✓		✓		✓				✓	✓	✓	✓
2 ^{ed} - Stage	COS205	Computer 3	✓	✓	✓			✓									
2 ^{ed} - Stage	ARB 213	Arabic Language for Nursing II	✓						✓		✓	✓					
2 ^{ed} - Stage	COS210	Computer 4	✓	✓	✓			✓							✓		
2 ^{ed} - Stage	NUR 206	Adult Nursing (2)	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	
2 ^{ed} - Stage	PHR209	Pharmacology 2	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
2 ^{ed} - Stage	NUR211	Preceptorship (Summer clinical Training)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	NUR301	Maternal and neonate nursing	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
3 ^{ed} - Stage	NUR306	Pediatric nursingII	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	HGD308	Human Growth and DevelopmentII	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	NUT305	Nutrition and Diet Therapy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	RSM302	Research Methods in Nursing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	HOS 303	Health Sociology	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	NUR310	Preceptorship (Summer clinical Training)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3 ^{ed} - Stage	ENG312	English 3	✓	✓	✓				✓					✓			
3 ^{ed} - Stage	BST 307	Biostatistics	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	

4 th - Stage	HPR405	Health Promotion	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		
4 th - Stage	NUR402	Nursing Management and Leadership	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4 th - Stage	NUR403	perspective s and Issues Professional	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	
4 th - Stage	NUR401	nursing communit y health	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4 th - Stage	NUR407	Psychiatric and Mental Health Nursing	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
4 th - Stage	NUR408	Critical Care Nursing	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
4 th - Stage	HPN410	Health Psychology for Nurses	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	
4 th - Stage	NUR411	Graduation Research Project	✓	✓			✓		✓	✓	✓	✓	✓	✓			
4 th - Stage	ARB412	Arabic Language for Nursing 1	✓						✓		✓	✓					
4 th - Stage	Epid406	Epidemiology	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓		
4 th - Stage	ARB413	Arabic Language for Nursing 2	✓						✓		✓	✓					
4 th - Stage	ENG414	English 3	✓	✓	✓					✓				✓			

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



Ministry of Higher Education and Scientific Research
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Academic Program and Course Description

Adult nursing (1)

2024

Course Description Form

Adult nursing (1)

The College of Nursing, University of Mosul, in its adult program seeks excellence in providing a comprehensive approach to preparing the professional nurse in the practice, education and research related to adult nursing and providing comprehensive family-centered care for adults.

1. Course Name:

Adult nursing (1)

2. Course Code:

NUR 201

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online

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

- 4 hours for the theoretical.
- 12 hours for practical training

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

Name: Dr. Harith Fathi Khudhayer

Email: harith.f@uomosul.edu.iq

Name: Mr. Tameem Thamir Maayooof

8. Course Objectives

1. Ensure excellent academic performance and overall development of students in practical and theoretical aspects towards adult patient care.
2. Motivate students to be self-motivated with the attributes of critical thinking, judgment and leadership abilities in the practical aspect
3. Apply innovative teaching strategies with high technology that enhances the learning outcomes of students.
4. Participate in preparing students who possess skills within appropriate ethical boundaries.

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	4Theory 12 Practical	The student should be able to understand what adult nursing is, how the adult team is formed in the hospital, and what the approved nursing process consists of in providing nursing care.	Introduction to Adult Nursing and the Nursing Process	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	4 Theory 12 Practical	Learn how cancer occurs by identifying the composition of cancer cells, then the signs and symptoms resulting from the tumor, and how to provide appropriate treatment for cancer patients.	Cancerous tumors and how they occur	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	4 Theory 12 Practical	How to provide appropriate treatment for cancer patients and how to deal with chemotherapy and radiation	Care of cancer patients	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	4 Theory 12 Practical			Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	4 Theory 12 Practical	Learn about the anatomy, physiology and pathophysiology of the digestive system and the most important diagnostic methods for digestive system diseases.	Digestive system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				

Seventh	4 Theory 12 Practical	Understand the anatomy of the cardiovascular system and how to use diagnostic methods.	Cardiovascular system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	4 Theory 12 Practical	How do myocardial infarction, angina, and heart failure occur and how to deal with them	Cardiovascular system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	4 Theory 12 Practical	Understanding the anatomy and physiology of the respiratory system and the most important diagnostic methods for respiratory diseases	Anatomy and physiology of the respiratory system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	4 Theory 12 Practical	Understand how pneumonia, asthma and bronchitis occur, recognize the signs and symptoms, and how to treat and manage them through nursing care.	Respiratory system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	4 Theory 12 Practical	Learn about the endocrine system and the most important diagnostic methods	Anatomy and physiology of endocrine system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	4 Theory 12 Practical	Learn about diabetes, its signs and symptoms, and how to deal with it from a nursing perspective.	Diabetes mellitus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	4 Theory 12 Practical	Knowing the thyroid and parathyroid glands anatomically, identifying the diseases that affect them, their signs and symptoms, how to intervene with them, and providing nursing care	Thyroid and parathyroid gland disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Fifteen	4 Theory 12 Practical	Learn about the composition and components of blood, the most important diagnostic methods for blood diseases, their signs and symptoms, and how to provide nursing care to patients.	Blood diseases	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the midterm practical 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)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Electronic References, Websites	https://scholar.google.com/

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Academic Program and Course Description

Adult nursing (2)

2024

Course Description Form

Adult nursing (2)

The College of Nursing, University of Mosul, in its adult program seeks excellence in providing a comprehensive approach to preparing the professional nurse in the practice, education and research related to adult nursing and providing comprehensive family-centered care for adults.

1. Course Name:

Adult nursing (2)

2. Course Code:

NUR 206

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online .

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

- 4 hours for the theoretical.
- 6 hours for practical training

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

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Email: harith.f@uomosul.edu.iq

Name: Mr. Tameem Thamir Maayoof

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9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	4Theory 12 Practical	The student should be able to understand the physiology of the nervous system and the most important laboratory and diagnostic tests.	Introduction to Adult Nursing and Nervous System Anatomy	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	4 Theory 12 Practical	Learn how high intracranial pressure, meningitis, and brain tumors occur.	Nervous system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	4 Theory 12 Practical	Identify brain abscess and how to provide comprehensive nursing care	Nervous system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	4 Theory 12 Practical			Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	4 Theory 12 Practical	Learn about the anatomy, physiology and pathophysiology of the renal system and the most important diagnostic methods for diseases of the urinary or renal system.	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Sixth	First Midterm Exam				
Seventh	4 Theory 12 Practical	Understanding Kidney Failure, Its Stages, Urinary Tract Infections, and Kidney Stones	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	4 Theory 12 Practical	How does end-stage renal failure occur, how dialysis works, and explaining the role of the nurse in dialysis	Renal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	4 Theory 12 Practical	Understanding the anatomy and physiology of the skeletal system and the most important diagnostic methods for diseases related to this system	Anatomy and physiology of the skeletal system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	4 Theory 12 Practical	Understanding how joint diseases, fractures and joint replacement occur	Skeletal system disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	4 Theory 12 Practical	Learn about the anatomy of the heart and how the valves work.	Cardiac system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	4 Theory 12 Practical	Identifying diseases of the semilunar and aortic valves, their signs and symptoms, and how to deal with them from a nursing perspective.	Valvular disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	4 Theory 12 Practical	Knowing the diseases of the tonsils, throat and sinuses	ENT	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Fifteen	4 Theory 12 Practical	Learn about the anatomy of the eye, how cataracts and high eye pressure occur, and how to deal with them from a nursing perspective.	Ophthalmic disease	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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11. Course Evaluation

The distribution is as follows: 20 points for the midterm theoretical exam and student activities, 20 points for the midterm practical 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)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Hinkle, J., Cheever, K., and Overbaugh, K. (2022). Brunner and Suddarths, Textbook of medical surgical nursing. 15TH EDITION. Welter's Kluwer, Lippincott Williams and Wilkins. China.
Electronic References, Websites	https://scholar.google.com/

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Academic Program and Course Description

Anatomy

2024

Course Description Form

1. Course Name:	
Anatomy	
2. Course Code:	
ANT104	
3. Semester / Year:	
Semester	
4. Description Preparation Date:	
1/10/2023	
5. Available Attendance Forms:	
Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours per course. (2 hrs. weekly)	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammed A.Hayawi Email: Mohamed.hayawi@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Define the concepts of anatomy and different terms used in anatomy 2. study the structures of the organs of the body 3. Utilize the knowledge gained from the study of human organs structures in understanding other nursing and medical issues.
9. Teaching and Learning Strategies	
Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First week	2 hours Theory 2hours practical	The student should be able to know the meanings of different terms anatomy	Medical terminology used in anatomy	Delivering lecture using audio-visual aids	Daily or weekly Exam
Second week	2 hours Theory 2hours practical	The student should be able to know all the bones and joints in the body	Human skeleton (1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
third week	2 hours Theory 2hours practical	The student should be able to know all the bones and joints in the body	Human skeleton (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fourth week	2 hours Theory 2hours practical	The student should be able to know all the parts of upper digestive system	Digestive System (1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fifth week	2 hours Theory 2hours practical	The student should be able to know all the parts of lower digestive system	Digestive System (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Sixth week	2 hours Theory 2hours practical	The student should be able to know all the parts of upper respiratory system	Respiratory system (1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Seventh Week	2 hours Theory 2hours practical	The student should be able to know all the parts of lower respiratory system	Respiratory system (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam

Eighth week	First midterm examination				
Ninth week	2 hours Theory 2hours practical	The student should be able to know the parts of heart	Heart anatomy	Delivering lecture using audio-visual aids	Daily or weekly Exam
Tenth week	2 hours Theory 2hours practical	The student should be able to know the parts of cardiovascular system ,vessels	Cardiovascular System	Delivering lecture using audio-visual aids	Daily or weekly Exam
Eleventh week	2 hours Theory 2hours practical	The student should be able to know the parts of urinary system	Urinary system	Delivering lecture using audio-visual aids	Daily or weekly Exam
Twelves week	2 hours Theory 2hours practical	The student should be able to know the parts of female reproductive system	female reproductive system	Delivering lecture using audio-visual aids	Daily or weekly Exam
Thirteenth week	2 hours Theory 2hours practical	The student should be able to know the parts of male reproductive system	male reproductive system	Delivering lecture using audio-visual aids	Daily or weekly Exam

Fourteenth week	2 hours Theory 2hours practical	The student should be able to know the parts of endocrine system	Endocrine system	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fifteenth week	Second Midterm Exam				
11. Course Evaluation					
The distribution is as follows: 20 points (midterm theoretical exam) and 20 points (midterm practical exam) , 20 points ((the final theoretical exam.)					
12. Learning and Teaching Resources					
Main references (sources)			HOLE'S ESSENTIALS OF HUMAN ANATOMY & PHYSIOLOGY Published by McGraw Hill LLC, 1325 Avenue of Americas, New York, NY 10019. Copyright ©2024 by McGraw Hill LLC.		
Recommended books and references (scientific journals, reports...)			GRAY'S BASIC ANATOMY, SECOND EDITION Copyright © 2018 by Elsevier, Inc.		
Electronic References, Websites			https://scholar.google.com/		

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Accreditation Department



Academic Program and Course Description

Arabic language

2024

Course Description Form

Arabic language

This course will provide students with basic knowledge of Arabic grammar and the principles of correct writing by correcting common errors in pronunciation and writing and creating a good linguistic ability that will enable them to engage in practical life.

1. Course Name:

Arabic language

2. Course Code:

ARB112

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 /10/ 6

5. Available Attendance Forms:

In-person Presence and online.

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

- 30 hours for the semester.
- 2 hours a week

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

Name: Wasan Sultan Ahmed

Email: Wasan.s@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Introducing the student to the most important vocabulary of the Arabic language in grammatical and spelling matters that the student will benefit from in his practical life in the future.
2. Differentiating between the letters Dād and Dā in pronunciation and writing, and between the letters Dā and Dā as well.
3. Defining the sentence in the Arabic language in its two types, nominal and verbal.
4. Addressing the most important accusatives and how to parse them.

9. Teaching and Learning Strategies

Strategy	. Strategy Education Strategy Collaborative Concept Planning. Education Strategy Brainstorming. Education Strategy Notes Series
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory	The student should be able to know the rules for writing the hamza and differentiate between its three types: initial, intermediate and final.	Hamza writing rules	Presenting the lecture using the board and pen	Daily or weekly Exam
Second	2 Theory	Identify the most common mistakes in using the word in pronunciation and meaning, and know the linguistic opposites.	Common mistakes in Arabic	Presenting the lecture using the board and pen	Daily or weekly Exam
Third	2 Theory	Knowing the most important basic punctuation marks in writing texts, whether they are read or written.	punctuation marks	Presenting the lecture using the board and pen	Daily or weekly Exam
Fourth	2 Theory	Differentiating between the letters Dhad and Tha by knowing the most important basic rules to solve this problem	Writing the letters Dhad and Tha	Presenting the lecture using the board and pen	Daily or weekly Exam
fifth	First Midterm Exam				
six	2 Theory	Understanding the topic of numbers, knowing numbers verbally and in writing, and how to distinguish between them.	number	Presenting the lecture using the board and pen	Daily or weekly Exam

Seventh	2Theory	. Studying the nominal sentence and knowing its two components, the subject and the predicate, and the places where the latter is placed before the former.	Nominal sentence	Presenting the lecture using the board and pen	Daily or weekly Exam
Eighth	2 Theory	Defining the nature of defective verbs and understanding their meanings.	Defective verbs (kana and its sisters)	Presenting the lecture using the board and pen	Daily or weekly Exam
Ninth	2 Theory	Identify the letters that resemble the verb and the meanings of each through illustrative examples.	Verb-like letters (in and its sisters)	. Presenting the lecture using the board and pen	Daily or weekly Exam
Tenth	2 Theory	Knowing the types of accusatives	Nouns in Arabic	Presenting the lecture using the board and pen.	Daily or weekly Exam
Eleventh	Second Midterm Exam				
Second	2Theory	Knowing the signs of the accusative and construction	The object	. Presenting the lecture using the board and pen.	Daily or weekly Exam
Thirteen	2 Theory	Introduction to the pre-Islamic era, its most important poets, and the characteristics of their poetry.	Arabic Literature Pre-Islamic Era	Presenting the lecture using the board and pen.	Daily or weekly Exam
Fourth	2 Theory	Introduction to the poet, his poetry and presentation of his Mu'allafa.	Imru' al-Qais	Presenting the lecture using the	Daily or weekly Exam

				board and pen..	
11. Course Evaluation					
. Distribution as follows: 20 points for the semester theory, 10 points for the daily test and student activity, and 70 points for the final test.					
12. Learning and Teaching Resources					
Required textbooks (curricular books any)	<p>شرح ابن عقيل 1</p> <p>معاني النحو فاضل صالح السامرائي 2</p> <p>شرح قطر الندى وبل الصدى ابن هشام الانصاري 3</p>				
Main references (sources)					
Recommended books and references (scientific journals, reports...)	<p>. Journal of Arabic Language and Literature / National Research Center</p> <p>Volume 12, Issue 12, 2023</p>				
Electronic References, Websites	<p>https://iajour.com</p>				

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Academic Program and Course Description

Biochemistry

2024

Course Description Form

Biochemistry

This course will provide the students with basic knowledge related to human growth & development. It deepens their understanding about the human characteristics, needs, & their normal growth and developmental problems during different stages of human life.

1. Course Name:	
Biochemistry	
2. Course Code:	
CHM102	
3. Semester / Year:	
Semester / Courses first	
4. Description Preparation Date:	
2023 / 9 / 29	
5. Available Attendance Forms:	
In-person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
- 30 hours for the semester.	
- 4 hours a week	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Farah Mohammed Ghazal	
Email: f.ghazal@uomosul.edu.iq	
8. Course Objectives	
1. To familiarize the student with the most important techniques used, analyses and tests.	
2. To provide students with a strong foundation in biochemistry	
3. To know the sciences and fields related to biochemistry	
4. To provide students with knowledge of the most important diseases related to metabolic processes	
9. Teaching and Learning Strategies	
Strategy	The educational strategy is Lectures, Group Discussions, Group reports, and presentation

Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	3 Theory 2 Practical	The student should be able to know the importance of Carbohydrates ,types of it.	Carbohydrates	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	3 Theory 2 Practical	Identify Pathways in glucose metabolism	Carbohydrate metabolism	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	3 Theory 2 Practical	Understanding the most important steps of cycle and the role in the body	Krebs cycle	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	3 Theory 2 Practical	Knowledge the lipids types of it, most important disease result from increasing of lipids	Lipids	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	3 Theory 2 Practical	Knowledge the types of Amino acids and proteins and substance produce from metabolism of amino acids	Amino acids and proteins	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				
Seventh	3 Theory 2 Practical	Understanding the Protein metabolism and types of blood proteins	Protein metabolism and blood proteins	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	3 Theory 2 Practical	Knowledge define the Enzymes	Enzyme	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Ninth	3 Theory 2 Practical	Understanding the Enzyme classification	Enzyme classification	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	3 Theory 2 Practical	Explain the General examination of urine	General examination of urine	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	3 Theory 2 Practical	Explain the Renal failure, blood urea formation, creatinine formation cycle.	Renal failure, blood urea formation, creatinine formation cycle	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

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)	1. Medical Biochemistry page by King, m.w. 2004 2. Textbook of Biochemistry for Medical Students 8 Edition by M.D. Vasudevan, M.D. S., Sreekumari, M. Vaidyanathan, Kannan 2016 3. David L. Nelson and Michael M. Cox. (2017) "Lehning Principles of Biochemistry" seven edition. New York, printed in United States of America. 4. Sam, Turco; Nernon, Reichenbecher; Roger, Lane; a Ryan, M. Harden. (2016) "Biochemistry and Medical Genetics". New York, printed in the United States of America.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	https://scholar.google.com/

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Academic Program and Course Description

Biostatistics

2024

Course Description Form

Biostatistics

This course description provides a summary of the most important characteristics of the **Biostatistics** and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Course Name:

Biostatistics

2. Course Code:

BST307

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online.

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

- 30 practical hours (2 hours per week for 15 weeks)

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

Name: Shaymaa Riyadh

shaymaa.riyadh@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. The Medical statistics deals with applications of statistics to medicine and the health sciences, including epidemiology, public health, forensic medicine, and clinical research. Medical statistics has been a recognized branch of statistics in the UK for more than 40 years but the term does not appear to have come into general use in North America, where the wider term 'biostatistics' is more commonly used. However, "biostatistics" more commonly connotes all applications of statistics to biology.
2. Constantly newer and newer statistical ratios are being developed to help measure the changing patterns of various disease and health conditions. Addition of health

indicators, counting radiation doses, forensic criminal investigation ratios are among the new ones. As such Medical Statisti

9. Teaching and Learning Strategies

Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.
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10. Course Structure

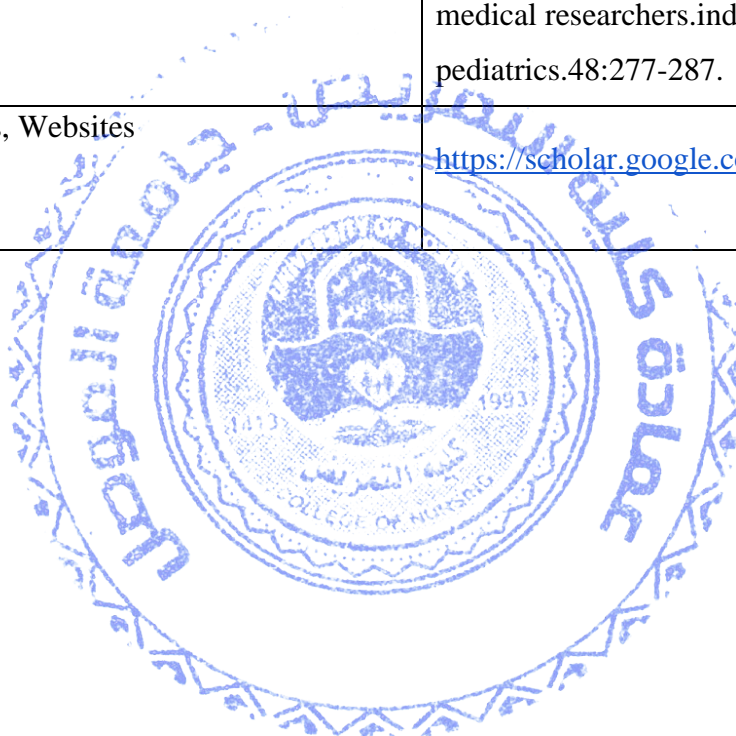
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theoretical	<ul style="list-style-type: none"> • Some Basic Definition • Types of Variables. • Scales Used to Measure Variables • Representing Grouped & Ungrouped Data in Graphs 	Basic definitions	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 Theoretical	Steps of construction a frequency.	Basic definitions	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 Theoretical	EX1 EX2 // and <u>Statistical Nation</u>)	Measures of central tendency	Delivering the lecture using	Daily or weekly Exam

				audio-visual aids.	
Fourth	2 Theoretical	Mathematical Presentation		Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	2 Theoretical	- Arithmetic Mean. 2- Median	Measures of central tendency	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth		First Midterm Exam			
Seventh	2 Theoretical	Mode. 4- Geometric Mean	Measures of central tendency	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 Theoretical	Measures of dispersion (2) hrs. 1 – the range 2 – the variance	Measures of dispersion	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Ninth	2 Theoretical	3 – the standard deviation (2) hrs. 4 – the standard error of the mean 5 – the mean deviation.	Measures of dispersion	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 Theoretical	Relative variation measure (2) hrs. Coefficient of variation and example.	Measures of dispersion	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	3 Theory	Correlation and linear regression (2) hrs. Introduction	Measures of dispersion	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Term	Second Midterm Exam				
Thirteenth	2 Theoretical	Pearson's r and example Spearman's correlation coefficient and example	Types of correlation	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteenth	2 Theoretical	Spearman's correlation coefficient and example	Types of correlation	Delivering the lecture using	Daily or weekly Exam

				audio- visual aids.	
Fifteen	2 Theoretical	Linear regression and example +spss	Types of correlation	Delivering the lecture using audio- visual aids.	Daily or weekly Exam
11. Course Evaluation					
Quarterly test %30 Final test 70%					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			1. Statistics and medical diagnostic tests 2. 3. Dr. Farlus Rashad Al- Samarrai/College of Medicine/University of Baghdad/2015 4. Agrestic.A(2002).categori- cal data analysis.second edition.john wiley&sons,inc 5. (2016). Human growth and development across the lifespan: Applications for counselors. John Wiley & Sons		
Main references (sources)					

Recommended books and references (scientific journals, reports...)	<p>Zaki,R.,bulgiba A.,ismail,R., ismail, N.A. (2012) statistical methods yosed to test for agreement of medical instruments measuring continuous variables in method comparison studies: A systematic review.plos one,7,5:1-7.</p> <p>Kumar,R.,and indrayan,. A(2001).Reseiver operating characteristic(ROC) Curve for medical researchers.indian pediatrics.48:277-287.</p>
Electronic References, Websites	<p>https://scholar.google.com/</p>



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Accreditation Department**



Academic Program and Course Description

Code of Ethics

2024

Course Description Form

Code of Ethics

The course on Nursing Ethics aims to be a fundamental pillar in shaping a generation of nurses who possess ethical commitment, humanity, and high professionalism, ensuring the provision of healthcare services efficiently and with respect for human rights.

1. Course Name:

Code of Ethics

2. Course Code:

ETH105

3. Semester / Year:

2023 – 2024 / First

4. Description Preparation Date:

29 September 2023

5. Available Attendance Forms:

Personal Attendance

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

(2) hours weekly / 30 hours for (15) weeks / (2) units

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

Name: Lect. Dr. Nawaf Mohammed Nawaf.Mohammed@uomosul.edu.iq

Lect. Eman Salim Eman.khaffaf@uomosul.edu.iq

8. Course Objectives

1. **Enhancing Knowledge of Professional Ethics:** Providing students with a comprehensive understanding of the ethical principles and values that govern nursing practice, including autonomy, justice, beneficence, and non-maleficence.
2. **Developing Ethical Decision-Making Skills:** Empowering students to analyze complex ethical situations they may encounter in the workplace and make professional decisions based on ethical principles and health regulations.
3. **Applying Ethics in Practical Practice:** Teaching students how to effectively apply ethical concepts when interacting with patients, colleagues, and interdisciplinary healthcare teams.
4. **Promoting Human Values in Healthcare:** Instilling values of empathy, compassion, and respect in interactions with patients, ensuring adherence to the highest standards of ethical care.
5. **Understanding and Protecting Patient Rights:** Enabling students to recognize legal and ethical patient rights, including the right to privacy, informed consent, and participation in health decision-making.

9. Teaching and Learning Strategies

1. Deliver lectures through presentations and structured teaching.
2. Use modern technology and interactive activities to enhance comprehension through video presentations and supporting materials.

3. Implement discussion techniques by posing questions and topics for students to debate, with opportunities for students to respond and provide real-life examples, thereby enhancing classroom interaction.
4. Activate daily assignments, tests, and oral questions to stimulate student motivation.
5. Organize discussion sessions to deepen understanding and awareness of course topics.

10. Course Structure

Week	Hrs.	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1, 2	4 hrs	1. Knowledge: ➤ Understanding Ethical Principles.	Factors Leading to Development of Nursing Ethics	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
3, 4	4 hrs	➤ Clarifying the fundamental principles of nursing ethics, including justice, beneficence, autonomy, and non-maleficence.	Concepts of Nursing Ethics / Values in Professional Ethics	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
5	2 hrs	2. Knowledge of Laws and Regulations:	Ethical Responsibilities in Nursing Care	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
6	2 hrs	➤ Recognizing local and international laws governing nursing practice and patient rights.	The Nurse and the Nursing Profession	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
7	2 hrs	3. Familiarity with Contemporary Ethical Issues:	The Nurse and Community	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
8	2 hrs	➤ Understanding Current Ethical Issues:	Responsibilities of Patients and Their Families	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
9	2 hrs	➤ Grasping the ethical challenges currently facing the healthcare system, such as patient rights, end-of-life issues, and palliative care.	Responsibilities of Nursing Association	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
10	2 hrs	4. Skills: Ethical Decision-Making Skills:	Components of Nursing Profession	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
12	2 hrs	➤ Developing the ability to make informed ethical decisions in various situations.	Ethical Characteristics / Specifications of Ethical Nursing Care	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
13	2 hrs	5. Promoting Human Values: ➤ Enhancing Human Values: Fostering values such as empathy and compassion in healthcare practices.	Patient Rights	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
14	2 hrs	6. Resolving Ethical Conflicts: ➤ Identifying and Managing Ethical Conflicts: Ability to recognize ethical conflicts in the workplace and address them in a professional and ethical manner.	Rights of Nurses	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test
15	2 hrs		Qualities of a Nurse	Lecture Discussion	Assessment of Discussion Seminar , and In-Person Test

11. Course Evaluation					
● Discussion and Seminar, Quizzes				10 %	
● First Midterm Exam				10 %	
● Second Midterm Exam				10 %	
● Final Exam				70 %	
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)				None	
Main references (sources)				<div>1. Butts, J. B., & Rich, K. L. (2019). <i>Nursing ethics: Across the curriculum and into practice</i> (5th ed.). Jones & Bartlett Learning.</div> <div>2. Burkhardt, M. A., & Nathaniel, A. K. (2020). <i>Ethics and issues in contemporary nursing</i> (5th ed.). Cengage Learning.</div>	
Recommended books and references (scientific journals, reports...)				<div>1. <i>Journal of Nursing Ethics</i>. (n.d.). SAGE Publications. Retrieved from https://journals.sagepub.com/home/nej</div> <div>2. Johnstone, M.-J. (2015). <i>Oxford handbook of nursing ethics</i>. Oxford University Press.</div> <div>3. Singer, P. A., Viens, A. M., & Savulescu, J. (2014). <i>The Cambridge handbook of bioethics</i>. Cambridge University Press.</div>	
Electronic References, Websites				<div>1. American Nurses Association. (n.d.). <i>ANA Ethics</i> [Website]. Retrieved from https://www.nursingworld.org/practice-policy/nursing-excellence/ethics/</div> <div>2. International Council of Nurses. (n.d.). <i>ICN Code of Ethics for Nurses</i> [Website]. Retrieved from https://www.icn.ch/who-we-are/code-ethics-nurses</div>	

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Academic Program and Course Description

Community Health Nursing

2024

Course Description Form

Community Health Nursing

1. Course Name:	
Community Health Nursing	
2. Course Code:	
NUR401	
3. Semester / Year:	
One semester	
4. Description Preparation Date:	
30-9-2023	
5. Available Attendance Forms:	
In-person and online	
6. Number of Credit Hours (Total) / Number of Units (Total)	
225 hours per semester. 15 hours per week	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Nasir Muwfaq Younis Dr. Mahmoud Mohammad Ahmed Email: mahmood.ahmed@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none">• 1. Describe the nature, philosophy, and scope of community health nursing.• 2. Discuss the definitions, functions, role, and trends of community health nursing.• 3. Apply the concepts of family, family and community health, and community health to the practice of community health nursing.• 4. Explore the factors affecting the health of families and describe nursing interventions to promote their health at different stages of life.• 5. Benefit from the application of the nursing process to families, groups, communities, and societies in a variety of settings.

	<ul style="list-style-type: none"> 6. Define the concepts of primary health care and apply them to families, groups, communities, and societies. 7. Compare the roles, functions, and settings of community health. 8. Nursing (public health nursing, school nursing, home health nursing, and occupational health nursing)
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9. Teaching and Learning Strategies

Strategy	<p>1- Teaching Strategy Collaborative Concept Planning.</p> <p>2- Teaching Strategy Brainstorming.</p> <p>3- Teaching Strategy Notes Series</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Ability to describe the nature, philosophy and scope of community health nursing.	Community Health Nursing	Explaining the scientific material by displaying it on the screen with an educational video for students	Daily, weekly, monthly exams and end-of-semester exam (theoretical, laboratory and practical in primary care centers).
2	hours				
3	3				
4	hours				
5	3				
6	hours				
7	3				
8	hours				
9	3				
10	hours				
11	3	Discuss the definitions, functions, roles and trends of community health nursing.		2- Giving an assignment at the end of the lecture for direct answer	
12	hours				
13	3				
14	hours				
15	3				
	hours	Able to apply the concepts of family,	3- Linking theoretical information with		
	3				
	hours				
	3				
	hours				

	3 hours 3 hours 3 hours 3 hours	family and community health and community health to the practice of community health nursing. Explore the factors affecting the health of families and describe nursing interventions to promote their health at different stages of life.		practical information and activating logical and analytical thinking among students	
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11. Course Evaluation

Distribution as follows: 20 marks for the semester theory and student activity, 20 marks for the semester practical, 20 marks for the final practical, and 40 marks for the final theory.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	1. Nies, M. (2015). Community/public health nursing: Promoting the health of populations.
Main references (sources)	Clark, M. J. (2015). <i>Population and community health nursing</i> . Pearson.
Recommended books and references (scientific journals, reports...)	Allender, J. A. (2010). Community health nursing: promoting and protecting the public's health.
Electronic References, Websites	



Academic Program and Course Description

Computers 1

2024

Course Description

Computers 1

To enrich the student by acknowledging the affective. To use computer and windows 10 to develop research efficiency. The use of information technology in

1. Educational institution	University of Mosul - College of Nursing
2. Scientific department/center	Basic sciences
3. Course name/code	Computers 1 / COS106
4. Available attendance forms	Recording the student's attendance
5. Semester/year	The first semester of the first stage
6. Number of study hours (total)	15 theoretical studies (1 study per week for 15 weeks)
7. Date this description was prepared	1/11/2023
8. Course objectives	
1- Knowledge of basic computer components. 2- Learn about the operating systems. 3- To learn how to use computer and windows 10	

9. Course outcomes and teaching, learning and evaluation methods
Cognitive objectives A1- The student's knowledge of the different types of operating systems and their uses A2- The student's knowledge of the physical computer content A3- To learn how to use computer and windows 10
The skills objectives of the course B1-The student is able to use the computer B2- Knowledge of basic computer components. B3- The student will be able to know the types of operating systems. B4- To learn how to use computer and windows 10
Teaching and learning methods
Lectures using word and pdf Evaluation methods Theoretical exams Daily exams
Emotional and value goals C1- Consider the application of ethical principles when using the Internet C2- Full knowledge of the ethics of the electronic world, including copyright and intellectual property
Teaching and learning methods
1. How to deliver a lecture using word and pdf. 2. Continuous discussion by asking questions and answers in the classroom. 3. Using innovative educational means such as the smart board, data shows that bring the subject closer to the students' minds. 4. Using innovative educational means such as the smart board, data shows that bring the subject closer to the students' minds.

Evaluation methods
Daily, monthly and quarterly examinations, discussion and exchange of information between students
Teaching and learning methods
<ul style="list-style-type: none"> * By giving a lecture using word and pdf. * Continuous discussion by asking questions and answers in the classroom. * Using various educational methods, such as the data show, thatbring the subject closer to the students' minds.
Evaluation methods
<ul style="list-style-type: none"> *Daily exams *Semester and final exams

10.Course structure					
Week	hours	General introduction	Name of the unit/topic	Teaching Method	Assessment Method
1	1	Computer, information technology, data.	Computer, information technology, data.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
2	1	Hardware, software, functions of keys.	Hardware, software, functions of keys.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
3	1	CPU, data representation in the memory, Kinds of memory.	CPU, data representation in the memory, Kinds of memory.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
4	1	Quiz	quiz	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final

5	1	Software, program, operating system, programming language.	Software, program, operating system, programming language.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
6	1	Viruses, protecting from viruses.	Viruses, protecting from viruses.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
7	1	Task bar, start button.	Task bar, start button.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
8	1	Windows layout, setting of Windows.	Windows layout, setting of Windows.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
9	1	Mid exam	Mid exam	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
10	1	Major system information,	Major system information,	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
11	1	open windows, close windows, reposition and resizing.	open windows, close windows, reposition and resizing.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
12	1	Shutdown options, ball programs, icon, searching for files from file explorer.	Shutdown options, ball programs, icon, searching for files from file explorer.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final

13	1	Files & folders, create, rename, copy, select files & folders.	Files & folders, create, rename, copy, select files & folders.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
14	1	Themes, screen saver, date & time.	Themes, screen saver, date & time.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
15	1	Delete, retrieve empty recycle bin, create shortcut, and arrange files & folders.	Delete, retrieve empty recycle bin, create shortcut, and arrange files & folders.	theoretical lecture using program word and pdf	Exams Short, and Quarterly and final
					final

11. Infrastructure

1. Required prescribed books	
2. Main references (sources)	<p>Title الحاسوب والبرمجيات الجاهزة عربي / انكليزي</p> <p>Author(s) محمد بلال الزغبى وآخرون</p> <p>Publisher دار وائل للنشر والتوزيع الاردن / عمان</p> <p>Year 2013</p> <p>Edition دار وائل للنشر</p>
A. Recommended books and references (scientific journals, reports,)	
B. Electronic references, websites,	

12. Course development plan

A- Using advanced educational methods



Academic Program and Course Description

Computers 2

2024

Course Description Form

Computers 2

To enrich the student by acknowledging the affective. To use Microsoft Word 2013 to develop research efficiency. The use of information technology in nursing.

1. Educational institution	University of Mosul - College of Nursing
2. Scientific department/center	Basic sciences
3. Course name/code	Computers 2 / COS111
4. Available attendance forms	Recording the student's attendance.
5. Semester/year	The second semester of the second stage
6. Number of study hours (total)	30 practical hours (2 hours per week for 15 weeks)
7. Date this description was prepared	28/1/2023
8. Course objectives	
1- To enrich the student by acknowledging the word program. 2. To use Microsoft word 2013 to develop research efficiency. 3. The use of information technology in nursing.	

9. Course objectives and outcomes

To learn how to use Microsoft word 2013
The skills objectives of the course
To enter the data and learn the tabs in Microsoft word 2013.
The student will be able create the table.
The student will be able using header and footer.

Teaching and learning methods

- *Lectures using word and pdf.
- * Practical application using the computer

Evaluation methods

- *Theoretical exams
- *Daily exams
- *Practical duties

Teaching and learning methods

1. How to deliver a lecture using word and pdf.
2. Continuous discussion by asking questions and answers in the classroom and motivating the student to self-think.
3. Using innovative educational means such as the smart board, data shows, that bring the subject closer to the students' minds.

Evaluation methods

Daily, monthly and quarterly examinations, discussion.

10.Course structure

Week	hourr	Required learning outcomes	Name of the unit/topic	Teaching Method	Assessment Method
1	2		Word 2013 window	By computer	Lecture vocabulary tests
2	2	Starting word 2013	Word 2013 window	By computer	Lecture vocabulary tests
		word interface, title bar, quick access toolbar, Ribbon, tabs	word interface, title bar, quick access toolbar, Ribbon, tabs	By computer	Lecture vocabulary tests
3	2	Font group	Font group	By computer	Lecture vocabulary tests
		Paragraph group	Paragraph group	By computer	Lecture vocabulary tests
5	2	Contextual tabs, box launcher, commands,	Contextual tabs, box launcher, commands	By computer	Lecture vocabulary tests
6	2	File tab, close, open.	File tab, close, open.	By computer	Lecture vocabulary tests
7	2	skills in writing, save save as.	skills in writing, save save as.	By computer	Lecture vocabulary tests
8	2	Mid exam.	Mid exam.	By computer	Mid exam.

9	2	Clipboard, cut, copy, format painter, font, paragraph, add numbers/ bullets.	Clipboard, cut, copy, format painter, font, paragraph, add numbers/ bullets.	By computer	Lecture vocabulary tests
11	2	Insert tab, cover page, blank page,	Insert tab, cover page, blank page,	By computer	Lecture vocabulary tests
12	2	Create table, add cell/ row/ column	Create table, add cell/ row/ column,	By computer	Lecture vocabulary tests
13	2	, select row/ column, delete cell.	, select row/ column, delete cell.	By computer	Lecture vocabulary tests
14	2	Split cells, split table, insert cell.	Split cells, split table, insert cell.	By computer	Lecture vocabulary tests
15	2	Header & footer, page numbering, types of numbers	Header & footer, page numbering, types of numbers.	By computer	Lecture vocabulary tests

11. Infrastructure

1. Required prescribed books	<p>Title الحاسوب والبرمجيات الجاهزة عربي / انكليزي</p> <p>Author(s) محمد بلال الزغبى وآخرون</p> <p>Publisher دار وائل للنشر والتوزيع الاردن / عمان</p> <p>Year 2013</p> <p>Edition دار وائل للنشر</p>
2. Main references (sources)	<p>Title الحاسوب والبرمجيات الجاهزة عربي / انكليزي</p>

	Author(s) محمد بلال الزغبى وآخرون Publisher دار وائل للنشر والتوزيع الاردن / عمان Year 2013 Edition دار وائل للنشر
A. Recommended books and references (scientific journals, reports,....)	
12. Course development plan	
A- Using advanced educational methods B- Follow up on the latest developments in the field of training and development to advance the reality of nursing to serve health institutions	





Academic Program and Course Description

Crimes of the Defunct Bath

Party

2024

Course Description Form

Crimes of the Defunct Bath Party

1. Course Name
Crimes of the Defunct Bath Party
2. Course Code
CDB309
3. Semester / Year : Annual
First semester/second stage 2024_2023
4. Date this description was prepared
2023/9/20
5. Available forms of attendance:
My presence
6. :Number of study hours (total)/number of units (total)
units 2 / hours 30
7. Name of the course administrator (if more than one name is mentioned)
Mr. M. Nazhan Mohammed Hassan
8. Course objectives
<ul style="list-style-type: none"> • The learner should know what crime is and what its types are • will be able to explain and clarify the crimes committed by the Baath regime in Iraq • For students to be familiar with international and local laws that criminalize the actions carried out by the Baath regime in Iraq • The student's awareness of the extent of the crimes committed by the Baath regime in Iraq by highlighting those crimes • .should be able to give examples of these crimes and the places where they occur • The learner should know the psychological and social effects of the crimes committed by the Baath regime on the personality of the Iraqi citizen • The learner should know the environmental effects of the crimes committed by the Baath regime on the environment of Iraq • The learner will know the graves left behind by the defunct Baath regime, specifying their location and time of occurrence
9. Teaching and learning strategies
<ul style="list-style-type: none"> - Interactive lecture - Brainstorming

- Dialogue and discussion
- Self- education

10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Semester , exam 1 final exam	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	First: The concept of crimes and their categories	A1 : Learn about the concept of crime and its definitions B1 He possesses practical and mental : knowledge and concepts that help him understand the meaning of crimes and their categories 1D Participates with community : members and works to make them aware of the danger of crime to society	2	1
Semester , exam 1 final exam	Interactive ,lecture dialogue and discussion self- , learning	The crimes of the Baath regime as documented by the Iraqi Criminal Court Law of 2005	A2 It identifies the most prominent : cases dealt with by the court against the symbols of the defunct Baath regime A3 Specifies the sentences issued by : the court against the convicts E1 Contributes to knowing the texts of : Iraqi laws according to which sentences were issued against convicts	2	2
Semester , exam 1 final exam	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Militarization of society	A4 Recognizes the negative effects : resulting from the militarization of society C1 : Documents the methods used to militarize society	2	3
Semester , exam 1 final , exam report	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	The Baath regime's position on religion and its violations of Iraqi laws	D2 Writes a report on the political : assassinations of religious scholars A5 He remembers The most prominent : religious scholars who were pursued and arrested because of their hostile position to the Baath regime	2	4
Semester , exam 1 final , exam report	Interactive ,lecture brainstorm ,ing dialogue	Some decisions regarding political and military violations of the	C2 Lists the most prominent political : violations committed by the defunct Baath regime C3 It works to educate community : members about the political and military	2	5

	and discussion self- , learning	Baath regime Defunct	violations of the Baath regime Defunct and its negative impact on Iraqi society		
,Short test final test	Interactive ,lecture dialogue and discussion self- , learning	Prison and detention places of the Baath regime in Iraq	D3 Shows the locations of secret : prisons and private detention centers in which opponents of the Baath regime were imprisoned	2	6
Semester , exam 2 final exam	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Environmental crimes of the Baath regime	A6 Identify the most prominent : environmental violations committed by the Baath regime in Iraq	2	7
Semester , exam 2 final exam	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Military and .1 radiological pollution and mine explosions Destruction of .2 cities and villages scorched earth) (policy	C4 Shows the most prominent areas : exposed to military and radioactive contamination, such as the cities of Halabja and Basra A7 Explains the scorched earth policy : followed by the Baath regime against villages and cities that rejected the .defunct Baath regime	2	8
Semester , exam 2 final exam	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Drying the marshes in southern Iraq And bulldozing ,orchards, palm trees trees and crops	D 4 Shows the draining of the marshes : in southern Iraq during the Shaabani uprising in 1991 C 5 of Explains the operations : bulldozing orchards, palm trees, trees and crops	2	9
Semester test 2	Interactive ,lecture dialogue and discussion self- , learning	Mass grave crimes	C6 the mass graves Enumerates : committed by the Baath regime in Iraq	2	10

Final test	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	The events of 1963 and their relationship to mass graves	A8 Explains the events of 1963 and the : accompanying killings against the regime of Abdul Karim Qasim and their .relationship to mass graves	2	11
Final test	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	1 The events of : 1979 to 1988 and their relationship to mass graves 2 The events of : 1987 to 1988 and their relationship to mass graves	A9 Classification of mass graves : .during the Iran-Iraq war C7 The events of the Anfal displays : massacre in 1987-1988 and its relationship to mass graves	2	12
Final test	Interactive ,lecture dialogue and discussion self- , learning	The events of the Shaabani uprising in and its 1991 relationship to mass graves	C8 Documents the events of the : Shaabani uprising in 1991 and the mass graves committed by the Baath regime after its elimination against its .participants	2	13
,Short test final test	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Chronological classification of mass graves and genocide in Iraq from 1963 to 2003	A10 Lists mass graves according to the : date of their occurrence from 1863 until .the fall of the Baath regime in 2003	2	14
,Short test final test	Interactive ,lecture brainstorm ,ing dialogue and discussion self- , learning	Mass graves :1 against the Kurds 1983 Anfal massacre :2 1988-1987 Cemeteries of the :3 Shaabani uprising in Iraq 1991	C9 Names the locations and numbers : of mass graves committed by the Baath .regime against the Kurds in 1983 C10 Presents the most important : events of the Anfal massacre in 1987- and the university cemeteries that 1988 .accompanied it A11 mass Explains the most important : graves committed by the Baath regime against participants in the 1991 . Shaabaniya uprising	2	15

11. Course evaluation				
Relative weight %	Class	Calendar date (week)	Calendar methods	T
10	10		Semester test	1
10	10		Semester test	2
10	10		Semester test	3
70	70	Final semester exams	Final test	4
				5
				6
				7
100 %	100%	100	the total	
12. Learning and teaching resources				
Crimes of the Baath regime in Iraq, 2023			Required textbooks (methodology, if any)	
.Ihsan Hindi, Military Occupation .1 .Jundi Abdul Malik, Criminal Encyclopedia .2 Mass graves in Iraq by Human Rights Watch I saw Watch .3			Main references (sources)	
.Journal of Human Rights and Public Liberties . .Antonio Cassese , International Criminal Law.2			Recommended supporting books and ,references (scientific journals (....reports	
The Iraqi Center for Documentation of Extremist Crimes https://iraqicenter-fdec.org/archives/5146			Electronic references, Internet sites	

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



Academic Program and Course Description

Critical Care Nursing

2024

Course Description Form

Critical Care Nursing

This course will provide the students with basic knowledge related to critical care unit, critical care nursing and critical care nurse due to critical ill patients. Areas of emphasis include advanced assessment and management of critically ill adult with cardiovascular, respiratory, and renal problems, as well as multisystem trauma.

1. Course Name:
Critical Care Nursing
2. Course Code:
NUR 408
3. Semester / Year:
Semester / Courses
4. Description Preparation Date:
2023 / 9 / 29
5. Available Attendance Forms:
In-person Presence and online.
6. Number of Credit Hours (Total) / Number of Units (Total)
- 135 hours for the semester. - 8 hours a week
7. Course administrator's name (mention all, if more than one name)
Name: Lect. Ali Mohammed Fathi Email: ali.m.fathi@uomosul.edu.iq Name: Dr. Saad Hussien Murad Email: dr.saad.nursing@uomosul.edu.iq
8. Course Objectives
1. Understand the effect of the critical illness on the clients and their families. 2. Describe the impact of the critical care environment on the clients. 3. Discuss current monitoring techniques used in critical care settings. 4. Relate the human responses to critical illness to the underlying path physiology. 5. Discuss psychosocial assessment and interventions relevant to critically ill clients and their families

6. Utilize knowledge from the humanities and science in planning the care of critically ill adults.
7. Demonstrate safe nursing care of critically ill adults.
8. Utilize effective communication techniques with clients.
9. Demonstrate competence in hemodynamic and cardiac monitoring.
10. Provide quality nursing care for clients with respiratory dysfunction.
11. Assess and manage client with renal - urinary dysfunctions.
12. Deal efficiently with cases of multisystem trauma.
13. Interpret assessments findings in relation to the underlying critical illness.
14. Participate in educating critically ill clients and their families.
15. Demonstrate professional behavior in relation to clients and members of the health team.

9. Teaching and Learning Strategies

Strategy	Lectures, group discussion, clinical conference, group lab. work, individual learning, and clinical training.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory 6 Practical	The student should be able to Describe the experience of patient and family with critical care. Discuss the impact of critical care environment on the client. List the methods of relieving pain. Formulate teaching plan for patient and family in critical care. Describe the ethical issues in critical care nursing.	Overview of critical care nursing	Delivering the lecture using audio-visual aids. Power point, white board	Daily or weekly quiz
Second	2 Theory 6 Practical	Define Concepts Describe the pathophysiology, clinical manifestations, and treatment of acute coronary artery.	Cardiogenic shock , MI, angina	Delivering the lecture using audio-visual aids.	Daily or weekly quiz

		<p>Use the nursing process as a framework for care of patients with angina pectoris.</p> <p>Describe the pathophysiology, clinical manifestations, and treatment of myocardial infarction.</p> <p>Describe the causes, clinical manifestation, diagnostic test, medical management and care of cardiogenic shock.</p> <p>Describe the nursing care of a patient who has undergone cardiac surgery.</p>		Power point, white board	
Third	2 Theory 6 Practical	<p>Compare the various ARDS with regard to causes, clinical manifestations, nursing management, complications, and prevention.</p> <p>Discuss the major risk factors for developing pneumothorax and nursing interventions to minimize or prevent these risk factors.</p>		Delivering the lecture using audio-visual aids. Power point, white board	Daily or weekly quiz
Fourth	2 Theory 6 Practical	<p>Compare and contrast the pathophysiology, clinical manifestations, medical management, and nursing management of acute respiratory distress syndrome, pneumothorax and acute respiratory syndrome.</p> <p>Describe the diagnostic studies used to determine</p>	Pneumothorax, acute respiratory distress,	Delivering the lecture using audio-visual aids. Power point, white board	Daily or weekly quiz

		upper and lower respiratory tract functions.			
Fifth	3 Theory 6 Practical	Discuss the major risk factors for developing pulmonary embolism and nursing interventions to minimize or prevent these risk factors. Compare and contrast the pathophysiology, clinical manifestations, medical management	pulmonary embolism	Delivering the lecture using audio-visual aids. Power point	Daily or weekly quiz
Sixth	First Midterm Exam				
Seventh	2 Theory 6 Practical	Understanding and Discuss the major risk factors for developing renal disorder and nursing interventions to minimize or prevent these risk factors. Compare and contrast the pathophysiology, clinical manifestations, medical management.	Acute kidney injury	Delivering the lecture using audio-visual aids. Power point	Daily or weekly quiz
Eighth	2 Theory 6 Practical	Understanding and Discuss the major risk factors for developing Multisystem Trauma and nursing interventions to minimize or prevent these risk factors. Compare and contrast the pathophysiology, clinical manifestations, medical management.	facial trauma. Spinal cord injury	Delivering the lecture using audio-visual aids.	Daily or weekly quiz
Ninth	2 Theory 6 Practical	Describe etiologic factors associated with diabetes coma, Ketoacidosis, and thyroid storm. 3. Relate the clinical manifestations of diabetes to the associated	Thyroid Storm. Myxedema	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		<p>pathophysiologic alterations.</p> <p>4. Identify the diagnostic and clinical significance of laboratory tests results for patient with diabetes coma, Ketoacidosis, and thyroid storm.</p> <p>5. Use the nursing process as a framework for care of patients with diabetes coma, Ketoacidosis, and thyroid storm.</p>			
Tenth	<p>2 Theory</p> <p>6 Practical</p>	<p>Describe etiologic factors associated with diabetes coma, Ketoacidosis, and thyroid storm.</p> <p>3. Relate the clinical manifestations of diabetes to the associated pathophysiologic alterations.</p> <p>4. Identify the diagnostic and clinical significance of laboratory tests results for patient with diabetes coma, Ketoacidosis, and thyroid storm.</p> <p>5. Use the nursing process as a framework for care of patients with diabetes coma, Ketoacidosis, and thyroid storm.</p>	<p>diabetes coma, Ketoacidosis</p>	<p>Delivering the lecture using audio-visual aids.</p>	<p>Daily or weekly quiz</p>
Eleventh	<p>2 Theory</p> <p>6 Practical</p>	<p>Compare the various types , their causes, clinical manifestations, diagnostic procedures and medical management and pathophysiology for stroke</p>	<p>stroke</p>	<p>Delivering the lecture using audio-visual aids.</p>	<p>Daily or weekly quiz</p>
Second Teen	Second Midterm Exam				

Thirteen	2Theory 6 Practical	Define poisoning. List the types, causes, clinical manifestations, laboratory tests for poisoning , List the nursing management for patient with poisoning.	Poisoning.	Delivering the lecture using audio-visual aids.	Daily or weekly quiz
Fourteen	2 Theory 6 Practical	Discuss the classification system used for burn injuries. Describe the local and systemic effects of a major burn injury. Describe the formula used to calculate fluid replacement therapy. Use the nursing process as a framework for care of the patient during the three phases of burn care.	burn	Delivering the lecture using audio-visual aids.	Daily or weekly quiz
Fifteen	2 Theory 6 Practical	Differentiate among patients with spinal cord , chest trauma injuries according to mechanism of injury, clinical signs and symptoms, diagnostic testing, and treatment options. Discuss the stages of spinal cord injury, chest , and cervical traumas. Describe the nursing management of patients with spinal cord injury.	spinal cord injury	Delivering the lecture using audio-visual aids.	Daily or weekly quiz

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)	<p>1. American Association of Critical-Care Nurses. AACN Essentials of Critical Care Nursing. 5th ed. St. Louis, MO: Elsevier; 2023.</p> <p>2. Brunner LS, Suddarth DS. Bruner & Suddarth's Textbook of Medical-Surgical Nursing. 15th ed. Philadelphia, PA: Wolters Kluwer; 2023.</p> <p>3. American Association of Critical-Care Nurses. AACN Essentials of Critical Care Nursing. 4th ed. St. Louis, MO: Elsevier; 2020</p>
Main references (sources)	<p>4. Titler MG, Kleiber C, Steelman VM, et al. Critical Care Nursing: A Holistic Approach. 9th ed. St. Louis, MO: Elsevier; 2020.</p> <p>5. Drain CB. Inhalation anesthesia. In: Odom-Forren J, ed. <i>Drain's Perianesthesia Nursing: A Critical Care Approach</i>. 6th ed. St. Louis: Elsevier; 2013.</p>
Recommended books and references (scientific journals, reports...)	Critical Care Nursing: Diagnosis and Management (7th Edition, 2023)
Electronic References, Websites	https://scholar.google.com/

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



Academic Program and Course Description

English 2

2024

Course Description Form

English 2

This course will provide students with the basic knowledge and skills related to learning English for nursing students in reading, writing, listening and speaking. This will enhance the nursing student's linguistic skills.

1. Course Name:

English 2

2. Course Code:

ENG109

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2-10-2023

5. Available Attendance Forms:

In-person Presence.

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

- 30 hours
- 2 units

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

Name: Sara Saad Ahmed

sara.saad@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Know the most important rules of the English language.
2. Know the most important medical terms.
3. Know the basics of English grammar
4. know the most important vocabulary related to the elderly and nutrition as well as those related to mental health

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 theory	The student should know the most important vocabulary for dealing with the elderly, especially in the areas of reading and writing.	Caring for the Elderly: Reading and Writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 theory	Learn how to describe the problems of the elderly, developing listening, speaking and pronunciation skills.	Caring for the Elderly : Listening, speaking and pronunciation	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 theory	Knowing the vocabulary related to the nutritional value of different foods	Nutrition and obesity: Reading and writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 theory	Knowing the rules of giving advice	Nutrition and obesity: Listening, speaking and	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

			pronunciation. and grammar		
Fifth	2 theory	Describe blood groups	Blood : Reading and writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	Midterm exam	First semester exam	الامتحان الفصلي الاول		
Seventh	2 theory	Describes logical sequences using (if, and when)	Blood : Listening, speaking, grammar and pronunciation.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 theory	Expressing possibility	Death and dying: Reading, grammar and writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 theory	Talking about death	Death and dying: Listening, speaking and Pronunciation	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 theory	Develop reading and writing skills	Hygiene Reading and writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

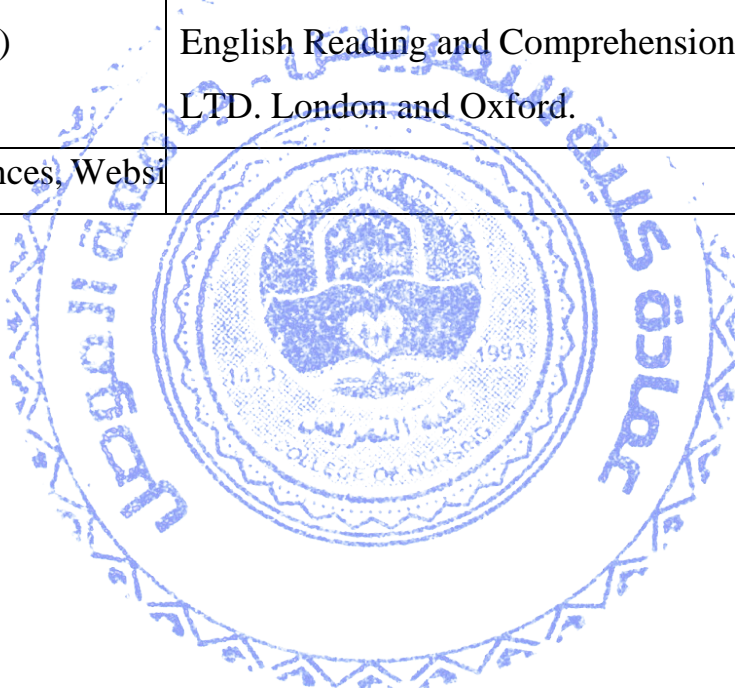
Eleventh	2 theory	Developing the skill of listening and talking about the symptoms of mental illness	Mental health nursing: Reading and writing.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Twelfth	2 theory	Ability to describe mental health	Mental health nursing, speaking and listening.	Ability to describe symptoms	Symptoms: reading, writing, and grammar
Thirteen	2 theory	Learning passive voice	Monitoring the Patient: Reading , writing, and Grammar	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	2 theory	Knowing the terms related to medicines	Medication: Reading , writing, and Grammar	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	2 theory	Knowing alternative medicine terms	Alternative treatments: Reading , writing, and Grammar		Daily or weekly Exam

11.Course Evaluation

Distribution as follows: 30 marks for the mid-term exam and daily activity. 70 marks for student activity, and 1 mark for the final exam.

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Oxford English for Careers Nursing 1. (Student book) 2007, by Tony Grice.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Oxford English for Careers Nursing 1. (Student book) 2007 by Tony Grice. English Reading and Comprehension: Macmillan Education LTD. London and Oxford.
Electronic References, Websites	



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Academic Program and Course Description

English 1

2024

Course Description Form

English1

This course will provide students with the basic knowledge and skills related to learning English for nursing students in reading, writing, listening and speaking. This will enhance the nursing student's linguistic skills.

1. Course Name:

English 1

2. Course Code:

ENG103

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2-10-2023

5. Available Attendance Forms:

In-person Presence.

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

- 30 hours
- 2 units

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

Name: Sara Saad Ahmed

sara.saad@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Knowing the most important rules of the English language.
2. Knowing the most important medical terms .
3. Knowing the basics of English Grammar
4. Learn the names of the devices and departments in the hospital in English.
5. Describe what people do in the hospital , the routine and activities there, and everything related to the nursing profession .
6. Description of hospital admission procedures in English

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 theory	Know how to describe jobs in hospital	The hospital team: reading, Writing and grammar	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 theory	Learn the most important medical vocabulary related to hospital staff, while developing my listening, speaking and pronunciation skills.	The hospital team: ,vocabulary,Listening, speaking and pronunciation	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 theory	Describes departments of hospital	In and around the hospital : reading, Writing, and grammar.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 theory	Describe what is inside and outside the hospital.	In and around the hospital :listening, speaking, , and pronunciation.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	2 theory	Learning the elements of a sentence	.Hospital admission:	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

			reading, Writing, and grammar		
Sixth	First semester exam				الامتحان الفصلي الاول
Seventh	2 theory	Description of how to register at the hospital	Hospital admission: vocabulary, Listening, speaking, and	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 theory	Talk about first aid understand and give instructions	Accidents and emergencies: reading, Writing, and grammar.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 theory	describing how to deal with an emergency	Accidents and emergencies: vocabulary, Listening, speaking, and pronunciation.	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 theory	Develop reading and writing skills to write about degrees of pain.	Pain: reading, Writing, and grammar	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	2 theory	Develop the skill of listening and talking about types of pain	Pain: vocabulary, Listening, and speaking,	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Twelfth	2 theory	Ability to describe symptoms	Symptoms: reading , writing and Grammar	Ability to describe symptoms	Symptoms : reading, writing, and grammar
Thirteen	2 theory	Asking about symptoms	Symptoms:vocab ulary, Listening, speaking,	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	2 theory	Discussing reports	Discussion of reports submitted by students. A preparatory week before the final Exam	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen			Final Exam		Daily or weekly Exam

11.Course Evaluation

Distribution as follows: 30 marks for the mid-term exam and daily activity. 70 marks for student activity, and 1 mark for the final exam.

12.Learning and Teaching Resources

Required textbooks (curriculum books, if any)	Oxford English for Careers Nursing 1. (Student book) 2007, by Tony Grice.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Oxford English for Careers Nursing 1. (Student book) 2007 by Tony Grice. English Reading and Comprehension: Macmillan Education LTD. London and Oxford.
Electronic References, Websites	

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Academic Program and Course Description

Epidemiology

2024

Course Description Form

Epidemiology

1. Course Name:	
Epidemiology	
2. Course Code:	
EPID406	
3. Semester / Year:	
One semester	
4. Description Preparation Date:	
30-9-2023	
5. Available Attendance Forms:	
In-person and online	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours per semester, 2 hours per week	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Nasir Muwfaq Younis Dr. Mahmoud Mohammad Ahmed Dr. Shatha Ahmed Email: mahmood.ahmed@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> 1. Knowledge of the basic concepts of epidemiology • 2. Ability to apply epidemiological studies and epidemiological monitoring. • 3. Ability to use epidemiology to provide health care services in maintaining health and preventing diseases.
9. Teaching and Learning Strategies	
Strategy	1- Teaching Strategy Collaborative Concept Planning. 2- Teaching Strategy Brainstorming.

3- Teaching Strategy Notes Series

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hour	Apply a knowledge base of epidemiological principles and methods.	Epidemiology	1-Explaining the scientific material by displaying it on the screen with an educational video for the students.	Daily, weekly, monthly exams and end of semester exam (theoretical).
2	2 hour				
3	2 hour				
4	2 hour				
5	2 hour				
6	2 hour	Ability to apply epidemiological studies for the benefit of society.		2- Giving an assignment at the end of the lecture for direct answering	
7	2 hour				
8	2 hour				
9	2 hour				
10	2 hour				
11	2 hour	Ability to use epidemiology to provide health care services			
12	2 hour				
13	2 hour				
14	2 hour				
15	2 hour				

11. Course Evaluation

Distribution as follows: 30 points for the semester theory and 70 points for the final student activity.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Stadtlander, C. T. H. (2017). Essentials of Epidemiology in Public Health. <i>Epidemiology, Biostatistics, and Public Health</i> , 14(1).
Main references (sources)	Allender, J., Rector, C., Rector, C., & Warner, K. (2013). <i>Community & public health nursing: Promoting the public's health</i> . lippincott williams & wilkins.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

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Academic Program and Course Description

Fundamentals of Nursing 1

2024

Course Description Form

Fundamentals of Nursing 1

1. Course Name:					
Fundamentals of Nursing 1					
2. Course Code:					
NUR101					
3. Semester / Year:					
Semester one					
4. Description Preparation Date:					
27/9/2023					
5. Available Attendance Forms:					
In presence and electronic					
6. Number of Credit Hours (Total) / Number of Units (Total)					
120 hours in semester, 8 hours weekly					
7. Course administrator's name (mention all, if more than one name)					
Name: Rami Ramadhan Assistant Professor Email: rami.ramadhan@uomosul.edu.iq					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> • 1993 • • 		
1. Providing students with skills to deal with various medical conditions					
2. Expanding students' skills in addition to previous acquired skills					
3. Explaining the most important disease cases, treatment methods, and how to deal with them.					
9. Teaching and Learning Strategies					
Strategy		1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	4 ساعة	Entrance to Fundamental of nursing	Definitions of terms and essential nursing care	Explaining the scientific material by presenting it on the screen via PowerPoint	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
2	4 ساعة	Asepsis and infection control	Microorganisms+ types of infections chain of infection	2- Giving an assignment at the end of the lecture for a direct answer	
3	4 ساعة	Asepsis and infection control	Body defenses against infections	3- Linking theoretical information with practical information and activating students' logical and analytical thinking	
4	4 ساعة	The nursing process	Sterilizations & disinfection		Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
5		Body mechanics	Body position and posture		
6			Temperature		
7	4 ساعة		Pulse		Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
8	4 ساعة	The Vital Signs	Respiration	Explaining the scientific material by presenting it on the screen via PowerPoint	
9	4 ساعة		Blood pressure	2- Giving an assignment at the end of the lecture for a direct answer	
10	4 ساعة		Criteria		Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
11	4 ساعة	Drug administration	Types of drug and Route	3- Linking theoretical information with practical information and activating students' logical and analytical thinking	
12	4 ساعة	Drug administration	injection sites		
13	4 ساعة	Drug administration			
14	4 ساعة	medExam 1	Assessment		
15	4 ساعة	nursing process	Diagnosis		
	4 ساعة	nursing process	Planning		
			Implementation		
			Evaluation		
		Midexam 2			

11. Course Evaluation

Distribution as follows:

20 marks for the semester theory and student activity,

20 marks for the semester practical and laboratory,

20 marks for the final practical,

and 40 marks for the final theory.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Carol R. Taylor PhD, MSN, RN, Pamela B Lynn EdD, MSN, RN, Jennifer L Bartlett Ph.D., RN-BC, CNE, CHSE (2023). Fundamentals of nursing E-book: Active learning for collaborative practice. Elsevier Health Sciences.



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Academic Program and Course Description

Fundamentals of nursing 2

2024

Course Description Form

Fundamentals of nursing 2

1. Course Name:	
Fundamentals of nursing 2	
2. Course Code:	
NUR107	
3. Semester / Year:	
Semester two	
4. Description Preparation Date:	
27\9\2023	
5. Available Attendance Forms:	
In presence and electronic	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours in semester, 8 hours weekly	
7. Course administrator's name (mention all, if more than one name)	
Name: Rami Ramadhan Assistant Professor Email: rami.ramadhan@uomosul.edu.iq	
8. Course Objectives	
Course Objectives 1. Providing students with skills to deal with various medical conditions 2. Expanding students' skills in addition to previous acquired skills 3. Explaining the most important disease cases, treatment methods, and how to deal with them.	• • •
9. Teaching and Learning Strategies	
Strategy	1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 ساعة	Skin Integrity and Wound Care	Types of wounds	Explaining the scientific material by presenting it on the screen via PowerPoint 2- Giving an assignment at the end of the lecture for a direct answer 3- Linking theoretical information with practical information and activating students' logical and analytical thinking	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
2	4 ساعة	Skin Integrity and Wound Care	The right way dealing with wounds Dressing		
3	4 ساعة	Pre-operative nursing care	Patient preparation		
4	4 ساعة	Intra-operative nursing care	Care during anesthesia	Explaining the scientific material by presenting it on the screen via PowerPoint 2- Giving an assignment at the end of the lecture for a direct answer 3- Linking theoretical information with practical information and activating students' logical and analytical thinking	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
5	4 ساعة	Post-operative nursing care	Nursing care to deal with and prevent complications		
6	4 ساعة	Oxygenation	Indication		
7	4 ساعة	Pain management	Pain theory, assessment	Explaining the scientific material by presenting it on the screen via PowerPoint 2- Giving an assignment at the end of the lecture for a direct answer 3- Linking theoretical information with practical information and activating students' logical and analytical thinking	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
8	4 ساعة	Pain management	Types of pain and management		
9	4 ساعة	Urinary elimination	Assessment and nursing care		
10	4 ساعة	Bowel elimination	Assessment and nursing care	Explaining the scientific material by presenting it on the screen via PowerPoint 2- Giving an assignment at the end of the lecture for a direct answer 3- Linking theoretical information with practical information and activating students' logical and analytical thinking	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
11	4 ساعة	Body fluids	Fluid balances		
12	4 ساعة	Hot and cold application	Physiotherapy		
13	4 ساعة	Blood transfusion Intravenous (Solutions) Fluids			
14		Exam 1			
15		Exam 2			

11. Course Evaluation

Distribution as follows:

20 marks for the semester theory and student activity,

20 marks for the semester practical and laboratory,

20 marks for the final practical,

and 40 marks for the final theory.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

1. Carol R. Taylor PhD, MSN, RN, Pamela B Lynn EdD, MSN, RN, Jennifer L Bartlett Ph.D., RN-BC, CNE, CHSE (2023). Fundamentals of nursing E-book: Active learning for collaborative practice. Elsevier Health Sciences.



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Academic Program and Course Description Guide

Health Assessment

2024

Course Description Form

Health Assessment

1. Course Name:	
Health Assessment	
2. Course Code:	
HAS 203	
3. Semester / Year:	
Second Stage \ Second Years	
4. Description Preparation Date:	
5/2/2023	
5. Available Attendance Forms:	
Class Attendance\ Lab. Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Total of (4) hours weekly of (15) weeks: Theory (2) hrs. Lab. (2) hrs.	
7. Course administrator's name (mention all, if more than one name)	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Tahsein Muhsin Hussein</p> <p>Bashar Jasim Aljwary</p> </div> <div style="width: 45%;"> <p>dr.bashar.aljwary@uomosul.edu.iq</p> <p>dr.tahsein@uomosul.edu.iq</p> </div> </div>	
8. Course Objectives	<ul style="list-style-type: none"> Describe the components of the health history Apply interviewing skills and techniques to conduct a successful interview Evaluate the persons' general health status. Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records reviewing results of diagnostic test. Explain the sequence of systematic approach of physical examination of system. Demonstrate the basic techniques of physical examination.

	<ul style="list-style-type: none"> Describe the physical examination techniques of inspection, palpation, percussion, and auscultation Identify common instruments used during physical examination.
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9. Teaching and Learning Strategies

Strategy	Lecture, Group discussion, Spots, Demonstration & Small lab. groups,
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10. Course Structure

Wee k	Ho urs	Required Learning Outcomes	Unit/Module or Topic Title	Teaching Method	Assessment Method
1 st	2	Understand the concept of learning outcomes and their significance in education. Identify the components of a well-defined learning outcome statement. Analyze the relationship between learning outcomes, course objectives, and assessment methods.	The Health History Steps of the interview Communication skills for health assessment Establishing a nurse-patient relationship	Oral presentations, class participation, voice recording of pronunciation, online activities	Attendance, Student participation & quizzes
2 nd	2	1. Identify and describe the four fundamental assessment techniques: inspection, palpation, percussion, and auscultation. 2. Demonstrate proficiency in applying each technique to systematically gather and document patient data. 3. Interpret assessment findings accurately to differentiate between normal and abnormal conditions, facilitating effective clinical decision-making.	Basic assessment skills Inspection Palpation Percussion Auscultation Interpretation	=	=

3 rd	2	=	The Human Body in Health and Disease	=	=
4 th	2	<ol style="list-style-type: none"> 1. Demonstrate proficiency in performing a systematic physical examination of the cardiovascular system, including inspection, palpation, percussion, and auscultation techniques. 2. Identify and interpret normal and abnormal findings during the assessment of cardiac and vascular structures, including heart sounds, peripheral pulses, and jugular venous pressure. 3. Apply evidence-based clinical reasoning skills to correlate assessment findings with potential cardiovascular pathologies, facilitating accurate diagnosis and appropriate management decisions. 	The Cardiovascular System	=	=
5 th	2	=	First Exam	=	=
6 th	2	<ol style="list-style-type: none"> 1. Demonstrate proficiency in conducting a systematic physical examination of the digestive system, including inspection, palpation, percussion, and auscultation techniques. 2. Identify and interpret normal and abnormal findings during the assessment of abdominal organ 	The Digestive System	=	=

7 th	2	Outcomes aim to equip learners with the necessary skills and knowledge to conduct effective physical assessments of the lymphatic system, enabling them to recognize signs of lymphatic dysfunction and contribute to comprehensive patient care.	The Lymphatic System	=	=
8 th	2	<ol style="list-style-type: none"> 1. Demonstrate proficiency in conducting a comprehensive physical examination of the musculoskeletal system, including inspection, palpation, range of motion assessment, and special tests. 2. Identify and interpret normal and abnormal findings during the assessment of musculoskeletal structures, including bones, joints, muscles, and ligaments. 3. Apply clinical reasoning skills to correlate assessment findings with potential musculoskeletal conditions or injuries, facilitating accurate diagnosis and appropriate management decisions. 	The Musculoskeletal System	=	=
9 th	2	=	2 nd Exam	=	=
10 th	2	1. Demonstrate proficiency in performing a focused physical examination	The Nervous System	=	=

		<p>of the nervous system, including assessment of cranial nerves, motor function, sensory function, and reflexes.</p> <p>2. Identify and interpret normal and abnormal findings during the assessment of neurological status, including strength, sensation, coordination, and reflex responses.</p>			
11 th	2	<p>1. Demonstrate proficiency in conducting a systematic physical examination of the respiratory system, including inspection, palpation, percussion, and auscultation techniques.</p> <p>2. Identify and interpret normal and abnormal findings during the assessment of respiratory structures and functions, including breath sounds, respiratory rate, chest expansion, and presence of respiratory distress signs.</p>	The Respiratory System	=	=
12 th	2	<p>Outcomes aim to equip learners with the necessary skills and knowledge to perform comprehensive physical assessments of the skin and sense organs, enabling them to identify abnormalities, promote skin health, and address sensory impairments effectively.</p>	The Skin and sense organ	=	=

13 th	2	<p>1. Demonstrate proficiency in conducting a systematic physical examination of the endocrine system and urinary system, including inspection, palpation, and assessment of relevant physiological parameters.</p> <p>2. Identify and interpret normal and abnormal findings during the assessment of endocrine glands, hormone levels, urinary structures, and urinary output, facilitating early detection of endocrine disorders and urinary tract abnormalities.</p>	Endocrine System, Urinary System	=	=
14 th	2	Outcomes aim to equip learners with the necessary skills and knowledge to perform thorough physical assessments of the male and female reproductive systems, enabling them to recognize signs of dysfunction and contribute to accurate diagnosis and appropriate management decisions related to reproductive health.	Male and Female Reproductive Systems	=	=
15 th	2	=	Final Exam	=	=

11.Course Evaluation

1. Quizzes
2. Laboratory Evaluation
3. Mid-term Exam. (1st Month Exams Theory- 2nd Month Exams Theory).
4. Final theory Exam.
5. Final Lab. Exam.

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	<ul style="list-style-type: none"> - Mastering advanced assessment, 2007. - Wilson, S. F., & Giddens, J. F. (2020). Health Assessment for Nursing Practice- E-Book. Elsevier Health Sciences.. - Forbes, H., & Watt, E. (2015). Jarvis's Physical Examination and Health Assessment. Elsevier Health Sciences.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	<p>Google, e-library of college, Iraqi virtual library</p> <p>Youtube</p>



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Academic Program and Course Description

Health Promotion

2024

Course Description Form

Health Promotion

1. Course Name:	
Health Promotion	
2. Course Code:	
HPR405	
3. Semester / Year:	
One semester	
4. Description Preparation Date:	
30-9-2023	
5. Available Attendance Forms:	
In-person and online	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours per semester, 2 hours per week	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Nasir Muwfaq Younis Dr. Mahmoud Mohammad Ahmed Email: mahmood.ahmed@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none">• 1. Identify concepts, principles and definitions related to health and health promotion.• 2. Apply approaches to health promotion and disease prevention.• 3. Distinguish between health promotion and health protection.• 4. Overview models of health and disease.• 5. Discuss the health promotion model.• 6. Understand levels of health measurement and health promotion.• 7. Perform the nurse's role in health promotion

9. Teaching and Learning Strategies

Strategy	<p>1- Teaching Strategy Collaborative Concept Planning.</p> <p>2- Teaching Strategy Brainstorming.</p> <p>3- Teaching Strategy Notes Series</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hour	Ability to identify concepts, principles and definitions related to health and health promotion. Apply methods used in health promotion and disease prevention. Able to discuss the health promotion model. Understand the levels of health measurement and health promotion. Perform the nurse role in health promotion	Health promotion	1-Explaining the scientific material by displaying it on the screen with an educational video for the students.	Daily, weekly, monthly exams and end of semester exam (theoretical).
2	2 hour			2- Giving an assignment at the end of the lecture for direct answering.	
3	2 hour				
4	2 hour				
5	2 hour				
6	2 hour				
7	2 hour				
8	2 hour				
9	2 hour				
10	2 hour				
11	2 hour				
12	2 hour				
13	2 hour				
14	2 hour				
15	2 hour				

11. Course Evaluation

Distribution as follows: 30 points for the semester theory and 70 points for the final student activity.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Maurer, F. A., & Smith, C. M. (2012). <i>Community/public health nursing practice: Health for families and populations</i> . Elsevier Health Sciences.
Main references (sources)	Maurer, F. A., & Smith, C. M. (2012). <i>Community/public health nursing practice: Health for families and populations</i> . Elsevier Health Sciences.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	



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Academic Program and Course Description

Health Psychology for Nurses

2024

Course Description Form

The College of Nursing at the University of Mosul, through its Medical Psychology program, seeks excellence in providing a comprehensive approach to preparing professionally specialized nurses in practical practice, education, and research related to the subject of psychology. This subject is part of the Mental and Psychological Health Nursing course, aimed at understanding psychoanalysis, psychological needs, and ways of providing patient care.

1. Course Name:
Health Psychology for Nurses
2. Course Code:
HPN410
3. Semester / Year:
2023 – 2024 / Fourth
4. Description Preparation Date:
29 September 2023
5. Available Attendance Forms:
Personal Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
2 hours weekly / 30 hours for (15) weeks
7. Course administrator's name (mention all, if more than one name)
Name: Lect. Dr. Nawaf Mohammed Nawaf.Mohammed@uomosul.edu.iq Lect. Eman Salim Eman.khaffaf@uomosul.edu.iq
8. Course Objectives
<ol style="list-style-type: none">1. Understanding the psychological foundations of human behavior: Students learn how psychological factors affect behavior and overall health, such as anxiety, depression, stress, and more.2. Understanding the mind-body connection: Understanding how mental health intersects with physical health, and how psychological disorders can affect physical conditions and vice versa.3. Developing communication skills: Equipping students with the ability to communicate effectively with patients, including using active listening techniques and understanding patients' psychological and emotional needs.4. Caring for patients with psychological needs: Learning how to provide psychological support to patients suffering from mental disorders or experiencing stress due to illness or medical treatment.5. Developing psychological coping strategies: Helping patients adapt to chronic illnesses and medical procedures by providing psychological support.

6. **Learning ways to promote mental health:** Studying strategies that help promote mental health in patients, such as stress management, relaxation techniques, and therapeutic psychological interventions.
7. **Managing mental health disorders:** Learning how to identify psychological symptoms and guide patients to appropriate care in cases of depression, anxiety, and other mental health disorders.
8. **Training on global standards for psychological assessment of patients:** Acquiring knowledge of international standards for patient psychological analysis.

9. Teaching and Learning Strategies

1. **Interactive Lectures:** Providing lectures that encourage discussion and inquiry into psychological and health-related concepts, helping students to deeply understand the material and apply it to real-life cases.
2. **Case-based Learning:** Using real or simulated patient cases to study the psychological and physical interactions, develop treatment solutions, and communicate with patients based on these cases.
3. **Collaborative Learning:** Dividing students into groups to work together on studying specific topics or solving psychological medical problems, which promotes knowledge sharing and collective learning.
4. **Presentations and Research Projects:** Assigning students to prepare presentations or research projects on topics related to mental health, helping them develop scientific research skills and critical thinking.
5. **Simulation:** Using simulated scenarios to expose students to complex psychological cases and assist them in developing skills to effectively manage patients in a risk-free environment.
6. **Communication Skills Training:** Through focused training sessions on developing active listening skills, empathy, and building trust with patients, students practice these skills in supervised learning environments.
7. **Continuous Assessment and Feedback:** Conducting short tests and continuous assessment activities, with immediate feedback to help students improve their skills and apply concepts correctly.
8. **Reflective Practice Strategies:** Encouraging students to review their experiences and learning through reflective journaling, helping them assess their performance and identify areas for improvement.

10. Course Structure

Week	Hour	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 , 2	4 hrs	1. Enrich students with the fundamental theories related to nursing psychology. 2. Integrate psychological theories	Introduction Psychology	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
3 , 4	4 hrs		Motivation, Thinking and Learning	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test

5 , 6	4 hrs	and practical skills by having students apply theoretical knowledge to distinguish between normal and abnormal emotions, thoughts, and behaviors during patient education and care provision. 3. Equip students with the necessary skills to manage conflicts arising from professional or therapeutic relationships with patients. 4.Highlight the importance of a holistic and humanistic approach in nursing care planning, utilizing key psychological concepts and theories to enhance therapeutic communication with individuals, families, and the healthcare team.	Emotion	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
7 , 8	4 hrs		Conflict and Frustration	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
9 , 10	4 hrs		Personality	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
11	2 hrs		Stress	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
12	2 hrs		Memory and Forgetting	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
13	2 hrs		Behavior	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
14	2 hrs		Relaxation	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test
15	2 hrs		Self-Concept	Lecture Discussion	Assessment of Discussion, Seminar , and In-Person Test

11. Course Evaluation

• Discussion and Seminar, Quizzes	10 %
• First Midterm Exam	10 %
• Second Midterm Exam	10 %
• Final Exam	70 %

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	None
Main references (sources)	<ol style="list-style-type: none"> Essen, M.W, Psychology, East Sussex, Psychology Press, 2000. Huffman, Karen, Psychology in Action, 7th ed., John Wiley & Sons, Inc, 2004. Michael W. Passer and Ronald E. Smith. Psychology: the science of mind and behavior. 3rd ed. New York.USA. (2007).
Recommended books and references (scientific journals, reports...)	<ol style="list-style-type: none"> Wade, Carole and Carole Tavis, Psychology, 7th ed., New Jersey, Perentic Hall, 2003. Jacob Anthikad. Psychology for graduate nurses. 4th ed. Sanat printers, Kundli. (2007).
Electronic References, Websites	<ol style="list-style-type: none"> https://www.youtube.com/watch?v=DcCmTnKk-i8 https://www.youtube.com/watch?v=BR5GBCNIDDk

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



Academic Program and Course Description

Human Growth and Development

2024

Course Description Form

Human Growth and Development

This course will provide the students with basic knowledge related to human growth & development. It deepens their understanding about the human characteristics, needs, & their normal growth and developmental problems during different stages of human life.

1. Course Name:

Human Growth and Development

2. Course Code:

HGD 308

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online.

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

- 135 hours for the semester.

- 9 hours a week

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

Name: Dr. Mohammed Ahmed Sultan Ahmed

Email: mohammed.ahmed@uomosul.edu.iq

Name: Dr. Louy Amjed Mahmood

Email: louy.amjed@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Define the concepts of growth, development, and maturation, and differentiate them.
2. Identify the patterns and principle of Human growth and development.
3. Measure and records a particular Anthropometric measurement, growth chart for human growth, In addition to milestone, and Denver development screening test for human development

4. State the principles of child development with examples to show the understanding of the principles
5. Understand Human developmental theories related to growth and development
6. Explain the stages of growth and development throughout the human being life cycle and lifespan
7. Describe the physical, social-personal, emotional, cognitive, spiritual and mental development that take place during each stage of the human being's life and lifespan.
8. Identify developmental needs and problems that face human during different stages of growth and development.
9. Discuss the role of the peer group, play, school and friends on the socialization of early and middle childhood and adolescence periods.
10. Utilize the knowledge gained from the study of human growth and development in nursing care of individuals.

9. Teaching and Learning Strategies

Strategy

The educational strategy is planning the collaborative concept.
Brainstorming educational strategy.
Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	3 Theory 6 Practical	The student should be able to know the importance of growth and development and their basics in children, differentiate between growth and development in children for each age group, know the normal rates for children (weight, length, head and chest circumference, and vital signs for children at different stages), and know the factors that affect growth, which include genetic, biological, environmental, and nutritional factors.	Overview of Normal Growth and Development	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Second	3 Theory 6 Practical	Identify growth scales, development scales, their laws and how to deal with growth chart analysis. Describe growth measurement techniques. Compare different growth stages on the molecular growth scale. Explain the process of measuring height, weight, head circumference, chest circumference, skinfold thickness and body proportion.	Growth and Development Measurements	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	3 Theory 6 Practical	Understanding the most important theories of growth and development related to raising a child and developing him emotionally, mentally, spiritually, physically and morally, including:	Growth and Development Theories	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	3 Theory 6 Practical	Psychoanalysis Theories (Psychosexual theory: Sigmund Freud's Theory, and Psychosocial theory: Erik Erikson's Theory) and Cognitive Theory: (Jean Piaget's Theory)		Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	3 Theory 6 Practical	Understanding the fetal stage and the most important characteristics of its growth, while identifying the problems that accompany the fetus during pregnancy	The Fetus stage	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				
Seventh	3 Theory 6 Practical	Understanding the breastfeeding stage and the most important characteristics of growth and development in	The Infant stage	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		newborns and infants: Physical characteristics of the newborn. Identifying the needs and problems of newborns.			
Eighth	3 Theory 6 Practical	Study of early childhood (Toddler stage) and the physical, moral, mental and psychological aspects of growth and development of the toddler. Understanding verbal and non-verbal communication techniques and how to understand the child's behavior from the method of communication. Discussing the most important needs and problems that occur at this stage.	Early childhood stage (Toddler stage)	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	3 Theory 6 Practical	Understanding the pre-school age stage and the most important characteristics of the child. Studying the aspects of growth and development of preschoolers physically, morally, mentally and psychologically. Understanding verbal and non-verbal communication techniques and how to understand the child's behavior from the method of communication and discussing the most important needs and problems that occur at this stage.	The Preschool age stage	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	3 Theory 6 Practical	Understanding the school age stage and the most important characteristics of the child. Describe the characteristics for the	The school age stage	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		following: biophysical development. Psychosocial development. Moral and spiritual development. Cognitive development for school-age children. Describe the developmental needs and problems during school age.			
Eleventh	3 Theory 6 Practical	Explain the biophysical development for adolescents. identify the cognitive, psychosexual, moral, and spiritual development for adolescents. Describing the common adolescent's needs and problems. Discussing the communication development for adolescents.	The adolescence age stage	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	3 Theory 6 Practical	Definition of communication and its most important types for each age group, children and adolescents. Identifying communication techniques to deal with	Communication techniques with children	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	3 Theory 6 Practical	Dividing the stages of youth in general - determining the age of youth for females and males - knowing the most important physical, psychological, social and moral characteristics of early youth - discussing the most important problems that youth are exposed to at this stage and how to avoid and treat them	The stages of puberty in general	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Fifteen	3 Theory 6 Practical	Discussing the characteristics (biophysical development, older adulthood: 66 years and older, physical aspects of aging, psychosocial aspects of aging, cognitive aspects of aging, psychosocial stage). Describing the normal developmental age-related changes. Identify the common developmental physical health problems in the older population. Classifying the common developmental health promotion. Designating the normal retirement	Determining the age range for puberty and its characteristics	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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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)	<ol style="list-style-type: none"> 1. Hockenberry, M. J., Wilson, D., & Rodgers, C. C. (2021). Wong's essentials of pediatric nursing-e-book. Elsevier health sciences. 2. Perry, S. E., Hockenberry, M. J., Cashion, K., Alden, K. R., Olshansky, E., & Lowdermilk, D. L. (2022). Maternal Child Nursing Care-E-Book: Maternal Child Nursing Care-E-Book. Elsevier Health Sciences
Main references (sources)	<ol style="list-style-type: none"> 3. Hockenberry, M. J., Bryant, R., & Hellsten, M. B. (2023). Wong's Clinical Manual of Pediatric Nursing E-Book. Elsevier Health Sciences. 4. Hockenberry, M. J., & Wilson, D. (2018). Wong's Nursing Care of Infants and Children-E-Book: Wong's Nursing Care of Infants and Children-E-Book. Elsevier Health Sciences.

	<p>5. Beevi, A. (2019). Concise Text Book for Pediatric Nursing-E-Book. Elsevier Health Sciences.</p> <p>6. Leifer, G. (2022). Introduction to Maternity and Pediatric Nursing-E-Book: Introduction to Maternity and Pediatric Nursing-E-Book. Elsevier Health Sciences.</p> <p>7. McKinney, E. S., James, S. R., Murray, S. S., Nelson, K., & Ashwill, J. (2021). Maternal-child nursing-e-book. Elsevier Health Sciences</p> <p>8. Speedie, L., & Middleton, A. (2021). Wong's nursing care of infants and children Australia and New Zealand edition-E-book: For professionals. Elsevier Health Sciences</p> <p>9. Marcdante, K., & Kliegman, R. (2016). Nelson Essentials of Pediatrics-E-Book: First South Asia Edition. Elsevier Health Sciences</p> <p>10. Leifer, G., & Fleck, E. (2021). Growth and Development Across the Lifespan-E-Book: Growth and Development Across the Lifespan-E-Book. Elsevier Health Sciences</p> <p>11. Capuzzi, D., & Stauffer, M. D. (Eds.). (2016). Human growth and development across the lifespan: Applications for counselors. John Wiley & Sons</p>
Recommended books and references (scientific journals, reports...)	Hockenberry, M. J., Wilson, D., & Rodgers, C. C. (2021). Wong's essentials of pediatric nursing-e-book. Elsevier health sciences.
Electronic References, Websites	https://scholar.google.com/

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



Academic Program and Course Description

Management and leadership in Nursing

2024

Course Description Form

Management and leadership in Nursing

This course will seek to provide a comprehensive approach to preparing the professionally and administratively competent nurse in how to manage hospital departments, education and research related to this aspect in a way that serves the development of health care services.

1. Course Name:

Management and leadership in Nursing

2. Course Code:

NUR 402

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online.

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

- 75 hours for the semester.
- 5 hours a week (2 Hours theory, 3 hours practice)

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

Name: lecturer. Ahmed Zuhair Al-Nuaiemy

Email: Ahmad.zuhair@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Understand the principles and functions of management.
2. Understand the elements of administration.
3. Appreciate the management of nursing services in the hospital.
4. Apply the concepts, theories and techniques of organizational behavior, communication and public relationship.
5. Develop skills in planning and organizing.

6. Understand the management of nursing educational institutions.
7. Describe the ethical and legal responsibilities of a professional nurse.
8. Understand the various opportunities for professional advancement in electronic Management such electronic health care.
9. Understand the Research in management.
10. Understand Risk management.

9. Teaching and Learning Strategies

Strateg	<ol style="list-style-type: none"> 1. Deliver lectures through presentations and structured teaching. 2. Use modern technology and interactive activities to enhance comprehension through video presentations and supporting materials. 3. Implement discussion techniques by posing questions and topics for students to debate, with opportunities for students to respond and provide real-life examples, thereby enhancing classroom interaction. 4. Activate daily assignments, tests, and oral questions to stimulate student motivation. 5. Organize discussion sessions to deepen understanding and awareness of course topics.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory 3 Practical	<ul style="list-style-type: none"> ■ Define the term management. ■ Distinguish scientific management and human relations—based management. ■ Explain servant leadership. ■ Discuss the qualities and behaviors that contribute to effective management. 	Management in nursing	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 Theory 3 Practical	Define the term administration . <ul style="list-style-type: none"> ■ Explain servant leadership. 	Nursing Administration	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		<ul style="list-style-type: none"> ■ Discuss the qualities and behaviors that contribute to effective administration. 			
Third	2 Theory 3 Practical	<ul style="list-style-type: none"> ■ Define the terms leadership and followership. ■ Discuss the importance of effective leadership and followership for the new nurse. 	Leadership in Nursing	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 Theory 3 Practical	<ul style="list-style-type: none"> ■ Discuss the qualities and behaviors that contribute to effective leadership. ■ Discuss the qualities and behaviors that contribute to effective followership 		Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	2 Theory 3 Practical	<p>Explain the components necessary for effective interpersonal communication.</p> <ul style="list-style-type: none"> ■ Identify barriers to effective interpersonal communication. ■ Discuss the importance of inter professional collaboration. ■ Apply components of interpersonal communication to Inter professional collaboration. ■ Discuss strategies to promote inter professional collaboration. ■ Describe effective strategies to build inter professional teams 	Communication and public relations	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				

Seventh	2 Theory 3 Practical	<p>identify common sources of conflict in the workplace.</p> <ul style="list-style-type: none"> ■ Guide an individual or small group through the process of problem resolution. ■ Participate in informal negotiations. ■ Discuss the purposes of collective bargaining 	Risk Management	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 Theory 3 Practical	<ul style="list-style-type: none"> <input type="checkbox"/> identify contemporary nurse-leaders who exemplify thought leadership and the innovative ideas they have suggested <input type="checkbox"/> describe why quantum leaders need flexibility in responding to the complex relationships that exist <input type="checkbox"/> between environment and context in work environments <input type="checkbox"/> describe complexities that exist in the relationship between followers and leaders <input type="checkbox"/> provide examples of the 21st-century shift from industrial age leadership to relationship age leadership 	Nursing services administration	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 Theory 3 Practical	<p>open up new opportunities by helping you streamline your current workload.</p> <p>Identify the principles of how to manage the time</p>	Time management	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 Theory 3 Practical	<ul style="list-style-type: none"> <input type="checkbox"/> differentiate between problem solving, decision making, critical 	Critical thinking and	Delivering the lecture	Daily or weekly Exam

		<p>thinking, and clinical reasoning</p> <ul style="list-style-type: none"> <input type="checkbox"/> describe how case studies, simulation, and problem-based learning can be used to improve the quality of decision making <input type="checkbox"/> explore strengths and limitations of using intuition and heuristics as adjuncts to problem solving and decision making <input type="checkbox"/> identify characteristics of successful decision makers <input checked="" type="checkbox"/> use a PICO (patient or population, intervention, comparison, and outcome) format to search for current best evidence or practices to address a problem <input type="checkbox"/> identify strategies the new nurse might use to promote evidence-based practice <input type="checkbox"/> select appropriate models for decision making in specific situations <input type="checkbox"/> describe the importance of individual variations in the decision making process <input type="checkbox"/> identify critical elements of decision making <input type="checkbox"/> identify strategies that help decrease individual subjectivity 	decision making	using audio-visual aids.	
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		and increase objectivity in decision making			
Eleventh	2 Theory 3 Practical	<p>Recognize the various ways in which health-care organizations differ.</p> <ul style="list-style-type: none"> ■ Explain the importance of organizational culture. ■ Define power and empowerment. ■ Identify sources of power in a health-care organization. ■ Describe several ways in which nurses can be empowered. 	Empowering Nurses	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	2 Theory 3 Practical	<p>Discuss the norms and values of teamwork</p> <p>Identify the role of team in nursing management</p> <p>Recognize team accomplishments.</p>	Building and Managing Nursing Team	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	2 Theory 3 Practical	<p>Define the term delegation.</p> <ul style="list-style-type: none"> ■ Define the term prioritization. ■ Differentiate between delegation and prioritization. ■ Define the term nursing assistive personnel. ■ Discuss the legal implications of making assignments to other health-care personnel. ■ Discuss barriers to successful delegation. ■ Make appropriate assignments to team members. ■ Apply priority setting guidelines to patient care. 	Delegation	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Fifteen	2Theory 3Practical	Review The Course	Preparation to the final exam	Delivering the lecture using audio- visual aids.	Daily or weekly Exam
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, if any)	1.Liebler JG, McConnell CR. Management Principles for Health Professionals. 7th ed. Burlington,MA: Jones & Bartlett Learning; 2017 2. Houston,-C.J.-(2020)-Professional Issues in Nursing: Challenges and Opportunities -(5th-ed.),-Melbourne,-Australia:-Wolters-Kluwer. 3.James,-A.H.-&-Bennett,-C.L.-(2022b)-Chapter19:-From-empowerment-toemancipation –				
Main references (sources)	-Developing-self-leadership,-in-Stanley,-D.,-James,-A.H.-&-Bennett,-C.L.-(eds.),-Clinical Leadership in Nursing and Healthcare-(3rded.),-London:-Wiley,-pp.-403–420,-https://doi.org/10.1002/9781119869375.ch19.				
Recommended books and references (scientific journals, reports...)	Ellis, J.R., & Hartley, C.L. (2022). Nursing in today's world: trends, issues and management, 8th ed. Philadelphia: Lippincott, Williams & Wilkins				
Electronic Websites	Referenc https://scholar.google.com/				

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



Academic Program and Course Description

Maternity and Neonatal

Nursing

2024

Course Description Form

Maternity and Neonatal Nursing

This course will provide students with the basic knowledge, skills, practice and nursing care related to maternal and newborn health nursing. Identify the different stages of fetal growth and development, nursing care for women during pregnancy, childbirth and the postpartum period, complications, bleeding, critical cases and various operations during pregnancy, childbirth and the postpartum period. Students will be familiar with nursing care for newborns. As well as identifying cancers and diseases that affect women in general, and understanding methods of contraception and how to use them.

1. Course Name:

Maternity and Neonatal Nursing

2. Course Code:

NUR301

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

29/9/2023

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

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

Name: Dr. **Salwa Hazim Almukhtar**

Email: dr.salwa@uomosul.edu.iq

Name: Assist . pro. Yamama Abdulkarim Al Yozbaki

Email: yamama.zyhair@uomosul.edu.iq

Name: Assist. Lect. Rana Mohammed Jasem

Email: rana.nurse@uomosul.edu.iq

Name: Assist. Lect. Jwan Mohammed Hassan

Email : jwan.m@uomosul.edu.iq

Name: Assist. Lect. Abdurahman Mazin Hashem

Email: aboodmazin1991@uomosul.edu.iq

Name: Assist. Lect. Marwa Ibrahim Shabaan

Email: marwa.ibraheem@uomosul.edu.iq

8. Course Objectives

Course Objectives

- identify the goals & philosophy of maternal & child health nursing
- Explain family's structure, function & roles
- Describe the structure & function of female & male reproductive system
- Explain the phases of menstrual cycle
- Identify stages of embryonic & fetal development
- Describe growth & development of fetus by gestational weeks
- Formulate nursing diagnosis related to the needs of pregnant woman & developing fetus
- Discuss physiologic & psychological adaptation to pregnancy
- Describe nutritional needs of pregnant woman
- Explain causes & nursing intervention for common discomfort of pregnancy
- Describe potential complications of pregnancy & its management
- Describe the stages of labor
- list signs of labor
- Distinguish between false & true labor
- Describe a pregnant physiologic & psychological responses to labor
- Discuss nursing responsibilities towards woman & her family before, during & after normal vaginal delivery
- Assessment & management of emergency obstetric conditions. Explain types , indications, benefits, risk , precautions & contra-indications for obstetric operation (Episiotomy, forceps, C/S , aminotomy & induction of labor)
- Identify possible complications of labor & delivery
- Describe physiological & psychological changes that normally occur during puerperium.
- Discuss nursing management for normal & complicated puerperium
- Describe nursing assessment & intervention for common problems in breast feeding
- Describe normal physical & neurological characteristics of neonate
- Explain nursing management for immediate & daily newborn baby
- Identify potential complications & its management for high risk neonate
- Compare & contrast the advantage & disadvantages & risk factors associated with each methods of family planning
- Discuss nursing management
- Identify nursing management for common gynecological disorder
- Demonstrate skill in monitoring different health needs during childbearing periods
- Communicate with pregnant women & their family
- Apply nursing process in providing care during normal & complicated childbearing conditions
- Provide immediate & daily newborn care
- Assist or observe obstetrical procedures:
- Implement health education programs related to different maternal aspects during the different childbearing periods
- Participate in counseling related to health maintenance & promotion of women & their family (Family planning clinic, primary health care center)

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	3 Theory 12 Practical 2 Lab.	The students able to identify different family structures can help focus on family-centered care or providing a family-friendly environment for health care. The role of the family in preserving children's lives.	<p>Introduction to maternal and neonatal nursing:</p> <ul style="list-style-type: none"> •Family: Concepts of family. •Types, functions, roles & tasks. •Family's life cycle. •Care for family as part of community 	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	3 Theory 12 Practical 2 Lab	The student should be able to know the importance of the anatomy of the female and male reproductive system, the period of puberty, and the physiological symptoms that appear on it. Know the stages of the menstrual cycle and the changes that occur in the uterus and ovaries.	<p>Reproductive system :</p> <ul style="list-style-type: none"> . Revision of anatomy & physiology of. reproductive system (male& female). Menstrual Cycle 	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Third	3 Theory 12 Practical 2 Lab	<p>The student should be able to describe the process of fertilization and implantation, the functions of the placenta, umbilical cord and amniotic fluid. Identify the normal growth of the fetus from conception to birth. And the nursing role.</p> <p>Distinguish between (presumptive), (possible) and (positive) signs of pregnancy.</p> <p>And evaluate the physiological changes of the mother. And describe the emotional and psychological changes.</p>	<p>Normal Pregnancy: Development & physiology of fetus.</p> <p>Normal pregnancy (Physiological & psychological changes)</p> <p>Prenatal care.</p>	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	3 Theory 12 Practical 2 Lab	<p>The student learns about complications, prenatal bleeding, types of miscarriage, placental problems, diseases that pregnant women are exposed to, how to prevent them, and the nursing role.</p>	<p>Nursing care during complications of pregnancy (APH, PIH, GD, UTI, & anemia).</p>	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	3 Theory 12 Practical 2 Lab	<p>The student will be able to compare true labor and false labor and the critical factors that affect labor and delivery. How to assess</p>	<p>Labor and delivery (normal, complicated) :</p> <ul style="list-style-type: none"> Theories of labor onset. Signs of labor. 	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		maternal and fetal responses to labor and delivery. Identify the stages of labor and complications and explain the normal physiological/psychological changes that occur during the four stages of labor. What is the concept of pain in relation to the woman in labor.	<ul style="list-style-type: none"> • Components of labor. • Stages of labor. Nursing management of each stage of labor.		
Sixth	First Midterm Exam				
Seventh	3 Theory 12 Practical 2 Lab	Understand the nursing role in the health methods used to control infection in delivery rooms by wearing gloves, gowns and masks. And how to use the birth chart	Role of the nurse in delivery room. <ul style="list-style-type: none"> • Infection and pollution prevention & control in the delivery room. • Nursing management during complicated labor & delivery. Using of pantograph in labor	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	3 Theory 12 Practical 2 Lab	Knowing the causes of cesarean section, complications and nursing care. Indications for episiotomy and types of sutures used. Inducing labor using contraction-inducing drugs as well as induction without using drugs.	Obstetrical operation * Nursing care during obstetrical operation (Episiotomy, forceps, C/S & induction of labor	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Ninth	3 Theory 12 Practical 2 Lab.	Understand the meaning of reproductive health. Identify the goals of family planning Know and understand the use, advantages and disadvantages of each method. Nursing care, health education and counseling for women who use contraceptives.	Family Planning Methods	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	3 Theory 12 Practical 2 Lab	Explain the physiological changes in newborns and apply the ABCAR scale. Understand the postnatal circulation of the newborn and the risks to which it is exposed. Evaluate the five typical behavioral responses caused by external stimuli in the newborn.	Neonatal nursing care: *Nursing management for immediate & daily neonate. *Nursing management for high risk neonate. Regulation of birth & death certificate for newborn & it's important	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	3 Theory 6 Practical	Identify the systemic physiological changes that occur to women after childbirth. Evaluate the stages and types of uterine secretions. Psychological adaptations that occur to the mother after childbirth.	Postpartum period	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	3 Theory 12 Practical 2 Lab	The student should be able to understand and comprehend the nursing	Nursing management	Delivering the lecture	Daily or weekly Exam

		role during the normal physiological stage of postpartum. And to identify the complications of the postpartum period (wound infection, urinary tract infection, respiratory complications, pulmonary edema, postpartum hemorrhage, fever and mastitis).	during normal Puerperium. Nursing management during complicated Puerperium (PPH),	using audio-visual aids.	
Fourteen	3 Theory 6 Practical	Identify the most common gynecological diseases and the nursing role. Reproductive system disorders, benign and malignant tumors and the difference between them.	Part One Gynecological disorder: Nursing care for common gynecological disorders (Prolapsed of genital tract, benign & malignancy of genital tract).	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	3 Theory 12 Practical 2 Lab	Understanding menstrual disorders: dysmenorrhea, menstrual pain, and amenorrhea. Identify the causes of infertility, its types, factors affecting fertility, treatment, and nursing care.	Part Two Gynecological disorder menstrual disorders and infertility	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

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)	1. Leifer, G. (2019). Introduction to Maternity and Pediatric Nursing: 8th Edition. Elsevier, 1–1756
Main references (sources)	<p>2. Susan Scott Ricci, <i>Essentials of maternity, newborn & women's health nursing</i>, third edition, China, Lippincott Williams & Wilkins, a Wolters Kluwer, copyright 2017. Jeremy Oats and Suzanne Abraham, <i>Fundamentals of Obstetrics and Gynaecology</i>, tenth edition, China, Elsevier Ltd, 2017.</p> <p>4. McKinney, E. S., James, S. R., Murray, S. S., Nelson, K., & Ashwill, J. (2021). <i>Maternal-child nursing-e-book</i>. Elsevier Health Sciences.</p> <p>5. Perry, S. E., Hockenberry, M. J., Cashion, K., Alden, K. R., Olshansky, E., & Lowdermilk, D. L. (2022). <i>Maternal Child Nursing Care-E-Book: Maternal Child Nursing Care-E-Book</i>. Elsevier Health Sciences.</p> <p>6. Green, C. J. (Ed.). (2016). <i>Maternal newborn nursing care plans</i>. Jones & Bartlett Publishers</p>
Recommended books and references (scientific journals, reports...)	<p>. Perry, S. E., Hockenberry, M. J., Cashion, K., Alden, K., Olshansky, E., & Lowdermilk, D. L. (2022). <i>Maternal Child Nursing Care-E-Book: Maternal Child Nursing Care-E-Book</i>. Elsevier Health Sciences</p> <p>Leifer, G. (2019). Introduction to Maternity and Pediatric Nursing: 8th Edition. Elsevier, 1–1756</p>
Electronic References, Websites	https://scholar.google.com/

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Directorate of Quality Assurance and Academic Accreditation
Accreditation Department



Academic Program and Course Description

Medical Terminology

2024

Course Description Form

Medical Terminology

This semester at the College of Nursing, University of Mosul, in the Medical Terminology Program seeks to develop and identify the basics of medical terminology and the most important vocabulary related to the human body systems to contribute to the development of practical knowledge and education among students.

1. Course Name:

Medical Terminology

2. Course Code:

TER110

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online.

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

- 60 hours for the semester.
- 2 theory hours a week
- 2 laboratory hours a week

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

Name: Assist. Prof. Dr. Hanaa Hussein Mukhlif

Email: Hanaa.hussein@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Explain the purpose of each component of a medical term and name each.
2. Explain how to combine forms used to create terms related to different body systems.
3. Identify the meaning of comparable abbreviations.
4. Identify prefixes and suffixes and how to distinguish them.
5. Identify the most important standard laboratory tests, clinical procedures, and diagnoses used in the medical field.

6. Identify medical terms that refer to body systems

9. Teaching and Learning Strategies

Strategy	Theoretical lectures Use discussion methods Writing report
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory 2Lab	Medical terminology terms Medical word elements Basic guidelines	Basic elements of a medical word	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Second	2 Theory 2Lab	Suffixes Suffix linking Suffix types surgical, diagnostic, pathological, and related suffixes Plural suffixes	Suffixes	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Third	2 Theory 2Lab	Prefixes Prefix linking Prefix types prefixes of position, number, measurement, and direction Other common prefixes	Prefixes	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Fourth	2 Theory 2Lab	Body structure Levels of organization Body planes, directions and cavities:	Body structure	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Fifth	2 Theory 2Lab	Anatomical terminology Anatomical division of the abdomen Body region Anatomical division of the back	Body structure	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Sixth	2 Theory 2Lab	The digestive system The accessory organs: Combining forms ,suffixes, a terminology Disorders of GIT Symptoms of the digestive system Pharmacology Diagnosis	The digestive system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom

		Practice and Practitioners			
Seventh	First Midterm Exam				
Eighth	2 Theory 2Lab	Respiratory System Anatomy and physiology Respiratory disease Disorders and treatments Pharmacology Diagnostic, symptomatic, and other terms Practice and practitioners	Respiratory System	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Ninth	2 Theory 2Lab	The cardiovascular system (CVS) The heart Disorders related to system Common terms in cardiac diseases and their meaning Pharmacology Diagnosis Practice and practitioners	The cardiovascular system (CVS)	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Tenth	2 Theory 2Lab	Musculoskeletal System The muscular system The skeleton system Medical word of the skeletal system Pathological conditions of the skeletal system	Musculoskeletal System	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Eleventh	2 Theory 2Lab	Spinal disorders Symptomatic of the skeletal system pathological conditions of the muscular system Pharmacology Diagnosis Practice and practitioners	Musculoskeletal System	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Twelve	Second Midterm Exam				
Thirteen	2 Theory 2Lab	The integumentary system Disorders of the skin Symptoms and pathological skin conditions Pharmacology Diagnostic and Therapeutic Procedures related to this system Practice and practitioners	The integumentary system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Fourteen	2 Theory 2Lab	The nervous system Spinal cord Other parts of the central nervous system The peripheral nervous system	The nervous system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom
Fifteen	2 Theory 2Lab	Disorders of the nervous system Pharmacology Diagnosis and procedures Practitioners	The nervous system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam Writing report Home work in classroom

11. Course Evaluation

The distribution is as follows: 30 points for the midterm exam and student activities, 70 points for the final exam.

12. Learning and Teaching Resources

Required textbooks (curricular books any)	Gyls, B. A., & Wedding, M. E. (2017). <i>Medical terminology systems: a body systems approach</i> . FA Davis. Fremgen, B. F., & Frucht, S. S. (2016). <i>Medical Terminology: A living language</i> (p. 672). Pearson Prentice Hall. Wingerd, B. (2016). <i>Medical terminology complete</i> . Third edition. Pearson Education, Inc., New Jersey
Recommended books and references (scientific journals, reports...)	Betty Davis Jones, ebooksclub.org Comprehensive_Medical_Terminology, Third_Edition Gyls, B, A. Wedding, M., E. (2009). <i>Medical terminology systems: a body systems approach</i> . 6th ed.F. A. Davis Company
Electronic References, Websites	https://www.nlm.nih.gov/ https://www.merriam-webster.com/medical



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Accreditation Department



Academic Program and Course Description

Microbiology For Nurses 2

2024

Course Description Form

Microbiology For Nurses 2

The program's mission includes preparing professional nurses capable of preventing the spread of parasitic and viral pathogens by using optimal methods of chemical and physical control to prevent contamination.

1. Course Name:

Microbiology For Nurses 2

2. Course Code:

MBN 208

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 30

5. Available Attendance Forms:

In-person Presence and online.

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

- 60 hours for the semester.

- 4 hours a week

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

Name: Dr. Mohammed Taha Mahmood Kudaer

Email: mohammed.taha@uomosul.edu.iq

Name :Dr. Farah Mohammed Gazal

8. Course Objectives

Course Objectives

- 1- Identifying the sterilization and disinfection methods for nursing care procedures.
- 2- Identifying the different types of pathogenic, parasitic and viral microorganisms and ways to differentiate between them, as well as the diseases and injuries they cause to humans and how to diagnose and treat them.

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory 2 Practical	*Some terms of parasitology, types of parasites, Routes and modes of infections, types of hosts, relationships between parasite and host, some epidemiological terms,	Introduction to Parasitology	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 Theory 2 Practical	Classification of Protozoa *General characters of protozoa * <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)	Entamoeba spp. And Balantidium coli	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 Theory 2 Practical	Intestinal Flagellates/ Giardia lamblia (Life cycle. Symptom, pathology, methods of diagnosis, prevention and control, and treatment)	Intestinal Flagellates, Luminal and Atrial flagellates	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 Theory 2 Practical	*Luminal and Atrial flagellates <i>Trichomonas spp</i> (<i>T. hominis</i> , <i>T. tenax</i>)		Delivering the lecture using	Daily or weekly Exam

		<i>Trichomonas vaginalis</i> (life cycle. Symptom, pathology, diagnosis, and treatment)		audio-visual aids.	
Fifth	2 Theory 2 Practical	Blood and Tissue flagellates (<i>Leishmania spp.</i> and <i>Trepanosoma spp.</i>) <i>Leishmania tropica</i>) (stages, life cycle. Symptoms, pathology, diagnosis, and treatment) function and types of macrophages. - Blood flagellates African - trypanosomiasis American - trypanosomiasis (Stages, life cycle, symptoms, Method of transmission)	Blood and Tissue flagellates	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				
Seventh	2 Theory 2 Practical	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) 2- <i>Toxoplasmas gondii</i> (Life cycle and stages. Symptom, diagnosis, control and treatment)	Apicomplexa	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Eighth	2 Theory 2 Practical	general structure Classification of helminths a. Phylum: Platyhelminthes (flatworms) Class I: Cestoda (Tapeworms). general structure., <i>Echinococcus granulosus</i> (Life cycle and stages. Symptom, diagnosis, control and treatment)	Helminthes Cestoda	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 Theory 2 Practical	<i>Fasciola hepatica</i> (Life cycle and stages. Symptom, diagnosis, control and treatment) <i>Schistosoma haematobium</i> , <i>Schistosoma mansoni</i> , <i>Schistosoma japonicum</i> (Life cycle and stages. Symptom, diagnosis, control and treatment)	Trematoda	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 Theory 2 Practical	Phylum: Aschelminthes or Nematelminthes general structure. <i>Ascaris lumbricoides</i> , <i>Anchylostoma duodenale</i> , <i>Enterobius vermicularis</i> , <i>Trichuris trichiura</i> Life cycle and stages. Symptom, diagnosis, control and treatment	Nematoda	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	2 Theory 2 Practical	General properties of viruses (virus components) - A virus like particles (VLPs) and Subviral, Classification types - Viral replication - Viruses effects on cells	Virology General properties of viruses	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		- Persistent viral infections Common routes of viral infection in human			
Twelve	Second Midterm Exam				
Thirteen	2 Theory 2 Practical	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	Hepatitis virus and corona virus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	2 Theory 2 Practical	Mumps virus and Rubella virus, - General structure, symptoms,transmission, Prevention and treatment	Mumps virus and Rubella virus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	2 Theory 2 Practical	Rotaviruses and Poliovirus , Herpesviruses, Prevention and treatment - How does it spread, Prevention and control Diagnosis	Rotaviruses and Poliovirus , Herpesviruses	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

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)	1- Medical microbiology 2- Microbiology and immunology 3- Patrick R. Murray, Ken S. Rosenthal and Michael A. Pfaller. Medical microbiology six edition. Elsevier Inc. 4- Louise Hawley, Richard J. Ziegler& Benjamin L. Clarke (2014): Microbiology and immunology, 6th edition. Lippincott Williams & Wilkins co. USA. 5- Patrick R. Murray (2018): Basic Medical Microbiology, Elsevier 6- Essential of medical microbiology, Apurbs et al., second edition (2019
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Patrick R. Murray, Ken S. Rosenthal and Michael A. Pfaller. Medical microbiology six edition. Elsevier Inc.
Electronic References, Websites	https://scholar.google.com/

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Accreditation Department



Academic Program and Course Description

Microbiology For Nurses I

2024

Course Description Form

Microbiology For Nurses I

The mission of the program includes preparing professional nurses who are able to prevent the spread of pathogens by using optimal methods of chemical and physical control to prevent contamination.

1. Course Name:

Microbiology For Nurses I

2. Course Code:

MBN204

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 30

5. Available Attendance Forms:

In-person Presence and online.

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

- 60 hours for the semester.
- 4 hours a week

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

Name: Dr. Mohammed Taha Mahmood Kudaer

Email: mohammed.taha@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Learn how to use a microscope and the processes of preparing microscopic slides for laboratory tests in addition to various diagnostic tests.
- 2- Learn about sterilization and disinfection methods for nursing care procedures.
- 3- Learn about the different types of pathogenic microorganisms and ways to differentiate between them, as well as the diseases and injuries they cause to humans and how to diagnose and treat them.
- 4- Learn about the human immune system, its components, how it works in disease cases, and what are the most important disorders and disorders that may affect it

9. Teaching and Learning Strategies

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory 2 Practical	<p>The classification of -microorganisms</p> <p>-Eukaryotic organisms, Prokaryotic organisms, Viruses.</p> <p>The bacteriology: the basic</p> <p>-structure of bacteria, size, shape and the structure of bacterial cell wall.</p>	The Science of Microbiology	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second	2 Theory 2 Practical	Nutritional requirements of bacteria	Bacterial Physiology and Staining Techniques	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	2 Theory 2 Practical	<p>1. Physical Method</p> <p>(a) Thermal (Heat) methods</p> <p>(b) Radiation method</p> <p>(c) Filtration method</p> <p>2. Chemical Method</p>	Control of Microorganisms by Physical and Chemical Agents	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	2 Theory 2 Practical			Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	2 Theory 2 Practical	- Bacterial growth curve: environmental influences in bacterial growth (Temperature.,	Bacterial Growth Curve	Delivering the lecture using	Daily or weekly Exam

		moisture and other factors)		audio-visual aids.	
Sixth	First Midterm Exam				
Seventh	2 Theory 2 Practical	Gram positive bacteria - Staphylococci (Types of staphylococcal bacteria, staphylococcal, diseases, important - properties, transmission, pathogenesis, clinical finding, diagnosis and treatment).	Gram Positive Cocci Bacteria Genus : Staphylococcus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	2 Theory 2 Practical	Streptococci (types of streptococcal bacteria, properties, transmission, pathogenesis, clinical finding, diagnosis and treatment).	Gram Positive Cocci Bacteria Genus : Streptococcus	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth	2 Theory 2 Practical	Gram negative cocci - Gonococcal and meningococcal infectious diseases, important properties, transmission - pathogenesis, clinical finding, diagnosis and treatment).	Gram Negative Cocci Bacteria Genus : Neisseria	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Tenth	2 Theory 2 Practical	Escherichia, Klebsiella, 2.8 Pseudomonas (diseases, important properties, transmission, - pathogenesis, clinical finding, diagnosis and treatment). - Proteus, Vibrio,	Gram Negative Bacilli Bacteria Family : Enterobacteriaceae and Vibrionaceae	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	2 Theory 2 Practical	Mycobacteria (diseases, 2.6 important properties, transmission, pathogenesis, clinical finding - diagnosis and treatment). - Other mycobacterial	Mycobacterium tuberculosis ,	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		Disease - Gram negative bacteria (Enterobacteriaceae) general characteristics of the enteric bacteria			
Twelve	Second Midterm Exam				
Thirteen	2 Theory 2 Practical	Gram positive bacilli - Corynebacterium - Diphtheria diseases, important properties, transmission, pathogenesis, clinical finding, - diagnosis and treatment.	Corynebacterium diphtheria and other pathogenic bacteria	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	2 Theory 2 Practical	Bacillus 2.5 - Anthrax (diseases, important properties, transmission, pathogenesis, clinical finding, - diagnosis and treatment). - Infections due to other bacillus species Clostridium (Clostridial diseases: tetanus, botulism, cellulites and gas gangrene, imp - properties, transmission, pathogenesis, clinical finding, diagnosis and treatment).,	Spore-Forming Gram-Positive Bacilli Clostridium & Bacillus Species	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	2 Theory 2 Practical	Introduction to mycology - General differences between fungi, bacteria and other eukaryotes - Morphological Classification of fungi - Fungi reproduction (asexual and sexual) - Classification of fungal diseases - Laboratory diagnosis - Antifungal Therapy	mycology	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
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)	1. Jawetz E, Melnick J and Adelberg EA (2019) Alane medical book, Medical Microbiology ,27 Ed, New York.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Bailey and Scott's.(2014). Diagnostic microbiology.Elseiver,2014.
Electronic References, Websites	https://scholar.google.com/



Academic Program and Course Description

Nutrition and Diet Therapy

2024

Course Description Form

Nutrition and Diet Therapy

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

1. Course Name:	
Nutrition and Diet Therapy	
2. Course Code:	
NUT 305	
3. Semester / Year:	
Semester / Courses	
4. Description Preparation Date:	
2023 / 9 / 29	
5. Available Attendance Forms:	
In-person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
<ul style="list-style-type: none"> - 30 hours for the semester. - 15 hours a week 	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Rayan Ibrahim khaleel Email: Rayanibrahim@uomosul.edu.iq Name: Hana abdulkader alsaeed Email: hanaalsaeed@uomosul.edu.iq	
8. Course Objectives	
Course Objectives <ol style="list-style-type: none"> 1. Define the concepts of nutrition and nutrients. 2. . Describe the factors which Affect Basal Metabolic Rate. 3. Discuss the term of Body weight and body mass standards. 5. Outline the classification of overweight and obesity by BMI and arm circumference. 6. Identify examples of energy requirements for people according to their daily activities and nature of work. 7. Discuss the Standards for a healthy diet. 8. Describe and draw the food guide pyramid. 9. Discuss the nutritional care process. 	
9. Teaching and Learning Strategies	
Strateg	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First. w	2 theory	At the end of this unit , the student should be able to: 1. Define concepts. 2. Classified the nutrients and metabolism. 3. Identify the functions of nutrients. 4. Discuss the role of diet on health status. 5. Discuss the types of nutrients. 6. Compare between macronutrients and micronutrients. 7. Discuss the factors that affecting nutrition. 8. Identify the clinical signs of good nutritional status	Unit 1: Overview of nutrition	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second w.	2 Theory	At the end of this chapter, the student should be able to: 1. Discuss the Standards for a healthy diet. 2. Describe and draw the food guide pyramid. 3. Discuss the nutritional care process.	Unit 2: Dietary references and diet-planning guides	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third w.	2 Theory	At the end of this chapter, the student should be able to: 1. Define concepts 2. Discuss the energy balance . 3. Describe the factors which Affect Basal Metabolic Rate. 4. Discuss the term of Body weight and body mass standards. 5. Outline the classification of overweight and obesity by BMI and arm circumference. 6. Identify examples of energy requirements for people according to their daily activities and nature of work.	Unit 3: Metabolism of Nutrients and Energy Balance	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Fourth w.	2 Theory	At the end of this chapter, the student should be able to: 1. Define concepts. 2. Identify the functions of carbohydrates. 3. Compare between soluble and insoluble dietary fibers. 4. Discuss the daily requirements for carbohydrates and fibers. 5. Describe the dietary sources of carbohydrates and fibers. 6. Outline the main therapeutic effect of rich- fiber diet	Unit 4 Carbohydrates (Sugar , starch , and fiber)	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth w.	2 Theory	At the end of this chapter, the student should be able to: 1. Define concepts 2. Identify the functions of lipids 3. Compare between saturated and unsaturated fat. 4. Differentiate between essential and nonessential fatty acids. 5. Discuss the sources of different types of fat.	Unit5: Lipids(Fats , Oil)	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth w.	First Midterm Exam				
Seventh w.	2 Theory	At the end of this chapter, the student should be able to: 1. define concepts 2. discuss the roles of proteins in the body. 3. Compare between complete and incomplete proteins. 4. Mentions the sources for each type of proteins 5. Describe the effect of proteins on the body weight.	Unit 6 Proteins	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth w.	2 Theory	At the end of this chapter, the student should be able to: 1. Define vitamin 2. discuss the functions and metabolism of vitamins. 3. Compare between water-soluble protein and Fat-soluble vitamins. 4. Identify the main sources for each of water-soluble protein and Fat-soluble vitamins.	Unit 7: Vitamins	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Ninth w.	2 Theory	At the end of this chapter, the student should be able to: 1. Identify the functions of water. 2. Compare the various types, location, and subdivisions of body fluids. 3. Discuss the mechanisms of water balance.	Unit 8 Water and minerals	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		<p>4. Describe the functions of major minerals.</p> <p>5. Compare between major and trace minerals.</p> <p>6. Discuss the daily requirements, deficiency and toxic symptoms, and the</p>			
Tenth w.	2 Theory	<p>At the end of this chapter, the student should be able to:</p> <p>1. discuss the effects of disease on body systems.</p> <p>2. Identify the types of therapeutic diet.</p> <p>3. Specify the objectives of each types of therapeutic diet.</p> <p>4. Describe the internal feeding and vegetarian nutrition .</p> <p>5. Mention the diet therapy for the more common problems in body systems.</p>	Unit 9: The Healthiest and Special Diets	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh w.	2 Theory	<p>At the end of this chapter the student should be able to:</p> <p>1. Identify the characteristics of healthy pregnancy.</p> <p>2. Describe the Wight changes during the different stages of pregnancy.</p> <p>3. Principles of Nutritional therapy during Pregnancy.</p> <p>4. Discuss the general dietary problems during pregnancy and lactation.</p>	Unit 10 pregnancy nutrition	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen 12 w.	Second Midterm Exam				
Thirteen w.	2 Theory	<p>At the end of this chapter, the student should be able to:</p> <p>1. Describe the energy and nutritional requirements for infant.</p> <p>2. Identify the principles and advantages of breast feeding.</p> <p>3. Discuss the indications of bottle feeding.</p> <p>4. Identify the steps of formula preparation of bottle feeding.</p>	Unit 11: Infant Nutrition	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen w.	2 Theory	<p>At the end of this chapter, the student should be able to:</p> <p>1. Discuss the daily nutritional requirement for different stages of human growth.</p> <p>2. Describe the nutritional habits during the different stages of development.</p>	Unit12 : Nutritional variation throughout the life cycle	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

		3. Outline the dietary changes for elderly			
Fifteen w.	2 Theory	At the end of this chapter, the student should be able to: Define concepts Differentiate between type 1 and type 2 diabetes. Describe the metabolic changes in diabetic patients. Explain the dietary modifications used for management of people with diabetes, CVD. Cancer, and obesity.	Unit 13: The concept of western diseases	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

11. Course Evaluation

Distribution is as follows: 20% theoretical, 10% reports, 70% final exam.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	<p>1. Width, M., & Reinhard, T. (2024). The essential pocket guide for clinical nutrition. Jones & Bartlett Learning.</p> <p>2. Gloria Leifer , RN,MA,CNE 2019. Introduction to Maternity and pediatric Nursing 8 Edition</p> <p>3. Boltz, M., Capezuti, E., & Fulmer, T. T. (Eds.). (2024). Evidence-based geriatric nursing</p> <p>4. Brand, D. M. (2020). South African dietitians' practices and perceptions regarding food exchange lists, as part of the food exchange system, in the nutrition care process (Doctoral dissertation, University of the Free State).</p>
Main references (sources)	<p>5. Linsenmeyer, W., Garwood, S., & Waters, J. (2022). An examination of the sex-specific nature of nutrition assessment within the nutrition care process: considerations for nutrition and dietetics practitioners working with transgender and gender diverse clients.</p> <p>6. Hiesmayr, M., Tarantino, S., Moick, S., Laviano, A., Sulz, I., Mouhieddine, M., ... & Schindler, K. (2019). Hospital malnutrition, a call for political action: a public health and nutritionday perspective. Journal of clinical medicine, 8(12), 2048.</p>
Recommended books and references (scientific journals, reports...)	Mahan, L. K. (2016). Krause's Food & the Nutrition Care Process-E-Book: Krause's Food & the Nutrition C Process-E-Book. Elsevier Health Sciences.
Electronic References, Websites	<p>https://books.google.iq/books?hl=en&lr=&id=qF3QEAAAQBAJ&oi=fnd&pg=PP1&dq=Advanced+nutrition+and+human+metabolism+&ots=S5obpVPAP&sig=ZpK9kGap8d4thh7Gmnt4jeXuj7Q&redir_esc=y#v=onepage&q=Advanced%20nutrition%20and%20human%20metabolism&f=false</p>

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Academic Program and Course Description

Pathophysiology For Nurses

2024

Course Description Form

Pathophysiology For Nurses

This course will provide students with basic knowledge and skills regarding the causes of inflammation and diseases that affect many tissues in the human body and the changes that occur in the form and functions of tissues and organs within the body.

1. Course Name:

Pathophysiology For Nurses

2. Course Code:

PAT207

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

2023 / 9 / 29

5. Available Attendance Forms:

In-person Presence and online.

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

- 30 hours for the semester.

- 2 hours a week

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

Name: Dr. Mohammed Taha Mahmood

Name: Dr. Farah Mohamed Ghzal

Name: Ibrahim Talal Dawood

Ibrahim.alsawaf@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Knowing the concepts and basics of pathophysiology
2. Identify the types of tissues, their shapes and functions.
3. Identify the changes that occur in the form and functions of tissues
4. Identify many causes of tissue diseases.
5. . Determine the mechanisms of disease transmission.
6. Understanding theories of disease development.

7. Explain the stages of disease development

8. Use the knowledge gained from studying pathophysiology to avoid many diseases

9. Teaching and Learning Strategies

Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory	The student should be able to identify the types and shapes of tissues in the human body.	Introduction to Pathophysiology	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Second	2 Theory	s/he should be able to Identify the types of acute and chronic infections in the human body	Infections and their types	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Third	2 Theory	s/he should know the Microbial mechanisms in disease	Microbes and tissue infections	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Fourth	2 Theory			Delivering the lecture using audio-visual aids	Daily or weekly Exam
Fifth	2 Theory	Cancer, its causes and types	Cancer and tissue abnormalities	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Sixth	First Midterm Exam				
Seventh	3 Theory 6 Practical	Cancer, its causes and types	Cancer and tissue abnormalities	Delivering the lecture using audio-visual aids	Daily or weekly Exam

Eighth	2 Theory	s/he will know Circulatory system diseases	Circulatory system diseases	. Delivering the lecture using audio-visual aids	Daily or weekly Exam
Ninth	2 Theory	s/he has a good background knowledge about Respiratory system	Respiratory system	. Delivering the lecture using audio-visual aids	Daily or weekly Exam
Tenth	2 Theory	s/he has a good background knowledge about Respiratory system	Respiratory system	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Eleventh	2 Theory	s/he has a good background knowledge about digestive system diseases	Digestive system diseases	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Twelfth	Second Midterm Exam				
Thirteen	2 Theory	s/he has a good background knowledge about digestive system diseases	Digestive system diseases	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Fourteen	2 Theory	s/he has a good background knowledge about Thalassemia types	Thalassemia types and changes in the body	Delivering the lecture using audio-visual aids	Daily or weekly Exam
Fifteen	2 Theory	s/he has a good background knowledge about some diseases of the nervous system	Some diseases of the nervous system	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

11. Course Evaluation

The distribution is as follows: 25 points for the midterm theoretical exam and student activities, 5 points for the daily exam, and 70 points for the final theoretical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	1-Mengistu Welday and Fuad Ibrahim (2008) Pathophysiology. Haramaya University the Ethiopia Public Health Training. 2- Gary D. Hammer; Stephen J. McPhee(2018) Pathophysiology of Disease: an Introduction to Clinical Medicine 8E. 3- Kim E. Barrett; Susan M. Barman; Jason Yuan(2019) Ganong's Review of Medical Physiology, Twenty Sixth Edition
Main references (sources)	; Heddwen L. Brooks
Recommended books and references (scientific journals, reports...)	Muralitharan Nair; Ian Peate(2015) Pathophysiology for Nurses at a Glance ISBN: 9781118746196.
Electronic References, Websites	https://scholar.google.com/

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Academic Program and Course Description

Pediatric Nursing

2024

Course Description Form

Pediatric Nursing

This course will provide students with the basic knowledge, skills and important practice related to pediatric nursing and how to deal with the different cases that children are exposed to at different stages in addition to the methods of treating those cases.

1. Course Name:

Pediatric Nursing

2. Course Code:

NUR306

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

29/9/2023

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

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

Name: Dr. Rayyan Ibrahim AL-Kojy

Email: rayan.ibrahim@uomosul.edu.iq

Name: Dr. Luay Amjed Mahmood

Email: loay.amjed@uomosul.edu.iq

8. Course Objectives

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- Discuss 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- Applied scientific approach during practice of nursing care with children and adolescent.
- 14- Identify the needs of children and adolescent with special needs (Handicapped children).
- 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

Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	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

Second	3 Theory 12 Practical 2 Lab	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 and Immunity Children	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Third	3 Theory 12 Practical 2 Lab	Learn how to assess a child's physical condition using different tools according to scientific and international standards.	Physical examination for children	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourth	3 Theory 12 Practical 2 Lab	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 Newborns	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifth	3 Theory 12 Practical 2 Lab	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: which include gestational age/weight of the newborn /fetal distress syndrome/ jaundice/low sugar	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Sixth	First Midterm Exam				
Seventh	3 Theory 12 Practical 2 Lab	Explaining the most important nursing procedures for children with:- Upper respiratory diseases.	Respiratory diseases for children, part one	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eighth	3 Theory 12 Practical 2 Lab	Explaining the most important nursing procedures related to lower respiratory diseases	Respiratory diseases in children, part two	Delivering the lecture using audio-visual aids.	Daily or weekly Exam

Ninth	3 Theory 12 Practical 2 Lab	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.	Daily or weekly Exam
Tenth	3 Theory 12 Practical 2 Lab	Implementation of nursing care for children with: - Gastrointestinal diseases and congenital malformations (explaining pediatric nursing procedures related to: Intestinal obstructions in children Pyloric stenosis Congenital malformations (cleft palate or lip)	Gastrointestinal diseases and congenital malformations	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Eleventh	3 Theory 12 Practical 2 Lab	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	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Second Teen	Second Midterm Exam				
Thirteen	3 Theory 12 Practical 2 Lab	Introducing the student to the most important types of heart diseases that affect children, whether congenital or acquired, how they occur, their causes, diagnosis and treatment.	Heart diseases	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fourteen	3 Theory 12 Practical 2 Lab	Identifying children and adolescents with special needs and ways to provide them with special nursing care	Diseases related to the spine	Delivering the lecture using audio-visual aids.	Daily or weekly Exam
Fifteen	3 Theory 12 Practical 2 Lab	The student will be able to Know how to provide nursing care for patients with endocrine diseases	Endocrine diseases	Delivering the lecture	Daily or weekly Exam

		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		using audio-visual aids.	
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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)	<ol style="list-style-type: none"> 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. 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...)	<ul style="list-style-type: none"> -Textbook of Neonatal Resuscitation -Pediatric Oncology Nursing: Advanced Clinical Handbook - Principles of Pediatric Nursing: Caring for Children - Certified Pediatric Emergency Nurse -Nursing Care of Children - Critical Care Nursing Care Plans
Electronic References, Websites	https://scholar.google.com/

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Academic Program and Course Description

Pharmacology For Nurses 2

2024

Course Description Form

Pharmacology For Nurses 2

This semester includes a series of lectures that aim to provide students with basic information about pharmacology and the uses of drugs in treating various human diseases, especially heart diseases and drugs for the digestive and respiratory systems.

1. Course Name:	
Pharmacology For Nurses 2	
2. Course Code:	
PHR209	
3. Semester / Year:	
Semester / Courses2	
4. Description Preparation Date:	
2023 /10 / 6	
5. Available Attendance Forms:	
In-person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
<ul style="list-style-type: none">- 30 hours for the semester- 2 hours a week	
7. Course administrator's name (mention all, if more than one name)	
Name: هاني مهدي محمد صالح hanialmukhtar@uomosul.edu.iq	
8. Course Objectives	
Course Objectives Providing the student with theoretical information about the mechanism of action of drugs, the side effects they cause, and drug interactions of various types.	
9. Teaching and Learning Strategies	
Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory		Inflammation and anti-inflammatory drugs, Drugs for gout and Drugs for migraine	Presenting a lecture using PowerPoint	Daily or weekly Exam
Second	2 Theory		Opioid drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Third	2 Theory		Antibiotic Pharmacology	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fourth	2 Theory		Antiviral and Antiparasitic drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fifth	2 Theory		Antifungal drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Sixth	2 Theory		Insulin and oral antidiabetic drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Seventh			Drugs for thyroid dysfunction	Presenting a lecture using PowerPoint	Daily or weekly Exam
Eighth	First Midterm Exam				
Ninth	2 Theory		Adrenocorticotrophic hormones	Presenting a lecture using PowerPoint	Daily or weekly Exam
Tenth	2 Theory		Sex hormones	Presenting a lecture using PowerPoint	Daily or weekly Exam

Eleventh	2 Theory		Introduction to CNS : Antidepressant drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Twelve	2 Theory		Antipsychotics	Presenting a lecture using PowerPoint	Daily or weekly Exam
Thirteen	2 Theory		AntiParkinson's	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fourteen	2 Theory		Antiepileptics	Presenting a lecture using PowerPoint	Daily or weekly Exam

11. Course Evaluation

The distribution is as follows: 30 points for the midterm theoretical exam and student activities, 70 points for the final practical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books
any)

Nursing Pharmacology

Main references (sources)

Recommended books and
references (scientific journals,
reports...)

Katzung Pharmacology
Lippincott's Illustrated Review

Electronic References, Websites

<https://scholar.google.com/>

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Academic Program and Course Description

Pharmacology For Nurses I

2024

Course Description Form

Pharmacology For Nurses I

This semester includes a series of lectures that aim to provide students with basic information about pharmacology and the uses of drugs in treating various human diseases, especially heart diseases and drugs for the digestive and respiratory systems.

1. Course Name:	
Pharmacology For Nurses I	
2. Course Code:	
PHR202	
3. Semester / Year:	
Semester / Courses	
4. Description Preparation Date:	
2023 /10 / 6	
5. Available Attendance Forms:	
In-person Presence and online.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
- 30 hours for the semester.	
- 2 hours a week	
7. Course administrator's name (mention all, if more than one name)	
Name: هاني مهدي محمد صالح hanialmukhtar@uomosul.edu.iq	
8. Course Objectives	
Course Objectives Providing the student with theoretical information about the mechanism of action of drugs, the side effects they cause, and drug interactions of various types.	
9. Teaching and Learning Strategies	
Strategy	The educational strategy is planning the collaborative concept. Brainstorming educational strategy. Education strategy: a series of notes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2 Theory		Autonomic Pharmacology: Cholinergic	Presenting a lecture using PowerPoint	Daily or weekly Exam
Second	2 Theory		Autonomic Pharmacology: Adrenergic	Presenting a lecture using PowerPoint	Daily or weekly Exam
Third	2 Theory		Antiadrenergic	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fourth	2 Theory		Anticholinergics	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fifth	2 Theory		Antihypertensive drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Sixth	2 Theory		Antianginal drugs	Presenting a lecture using PowerPoint	
Seventh	First Midterm Exam				
Eighth	2 Theory		Drugs acting on respiratory system	Presenting a lecture using PowerPoint	Daily or weekly Exam
Ninth	2 Theory		Anticoagulant drugs, Antiplatelet drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Tenth	2 Theory		Drugs used for hyperlipidaemia	Presenting a lecture using PowerPoint	Daily or weekly Exam
Eleventh	2 Theory		GIT drugs: for ulcer	Presenting a lecture using PowerPoint	Daily or weekly Exam

Twelve	2 Theory		Drugs for treatment of ulcerative colitis, Drugs for treatment of diarrhoea and constipation	Presenting a lecture using PowerPoint	Daily or weekly Exam
Thirteen	2 Theory		Drugs for treatment of obesity	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fourteen	2 Theory		Diuretic drugs	Presenting a lecture using PowerPoint	Daily or weekly Exam
Fifteen	2 Theory		GIT drugs: for ulcer	Presenting a lecture using PowerPoint	Daily or weekly Exam

11. Course Evaluation

The distribution is as follows: 30 points for the midterm theoretical exam and student activities, 70 points for the final practical exam.

12. Learning and Teaching Resources

Required textbooks (curricular books any)

Nursing Pharmacology

Main references (sources)

Recommended books and references (scientific journals, reports...)

Katzung Pharmacology
Lippincott's Illustrated Review

Electronic References, Websites

<https://scholar.google.com/>

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Academic Program and Course Description

Professional perspectives and Issues in Nursing

2024

Course Description Form

Professional perspectives and Issues in Nursing

Each Class Session identifies the content that will be covered in that class and the activities expected by the students. During the Class Session, ask for explanations of term that are not clear. You are advised to participate in class room discussion. You are advised to complete the study Questions given at the end of each unit that will help you to fully understand the course material

1. Course Name:

Professional perspectives and Issues in Nursing

2. Course Code:

NUR403

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

3\ 10\ 2023

5. Available Attendance Forms:

In-person Presence and online.

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

- 60 hours for the semester.
- 2 hours a week

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

Name: Dr. Shatha Abdul Rahman Hasso

Email: dr.shatha.hasso@uomosul.edu.iq

8. Course Objectives

Course Objectives

- Understand the professional nursing practice.
- Interpret socialization issues to professional nursing.
- Discuss the client's individual, family, and community systems.
- Identify the ethical dimension of nursing and health care.
- Understand concepts of change, complexity, and chaos.
- Apply the computer science in nursing practice.
- Predict the future perspectives in nursing.
- Realize different models related to nursing practice.
- Use nursing models in solving nursing problems.
- Apply health teaching in nursing practice

9. Teaching and Learning Strategies

Strategy

1. Explaining and clarifying the scientific material by using a display screen and drawing on the blackboard for each topic within the study subject.
- 2- Giving daily assignments regarding the scientific subject and following on students' work and activity
- 3- Using the discussion method among students to give a more comprehensive understanding of the material.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 , 2	4 hrs	1. Nursing as a profession. 2.Dimensions of nursing practice 3.Characteristics of a profession 4.Socialization.	Professional nursing practice	Lectures, Group discussion, demonstration	Quiz, Exam
3	2hrs	5.Issues in socialization. 6.Professional associations. 7.General systems theory. 8.Systems theory and the individual.	Socialization to professional nursing	Lectures, Group discussion, demonstration	Quiz, Exam
4	2 hrsd	9.Family systems. 10.Community/population-focused systems	Client systems	Lectures, Group discussion, demonstration	Quiz, Exam
5 , 6	2 hrs	11.Subject matters of ethics. 12.Values. 13.Moral concepts in nursing practice.	Complexity and Chaos	Lectures, Group discussion, demonstration	Quiz, Exam
7 , 8	4 hrs	14.Ethical nursing principles. 15.Application of ethics to nursing practice. 16.Research on nursing ethics.	Change	Lectures, Group discussion, demonstration	Quiz, Exam
9 , 10	4 hrs	17.Computer in health care delivery and nursing. 18.Computer in clinical practice. 19. Computer for professional growth/networking.	Computer Science in Nursing Practice	Lectures, Group discussion, demonstration	Quiz, Exam
11 , 12	4 hrs	20.Computer in nursing administration. 21.Computer in nursing research. 22.Computer in professional and patient's education.	Nursing Practice	Lectures, Group discussion, demonstration	Quiz, Exam
13	2 hrs	24.Computer and the role of the nurse. 25.Concept of change.	Future Perspectives	Lectures, Group discussion, demonstration	Quiz, Exam
14	2 hrs	26. Mandates for health teaching. 27.Assessment of learning abilities. 28. Planning health teaching. 29.Concepts of Chaos and complexity.	Nursing Models	Lectures, Group discussion, demonstration	Quiz, Exam
15	2 hrs	30.Intervention of complexity and chaos in the change 31.Changing demography. 32.Health care costs.	Health Teaching	Lectures, Group discussion, demonstration	Quiz, Exam
		33.Shift to community. 34.Nursing models and their use in practice. 35.Conceptual models and theories. 36.Nursing conceptual models. 37.Cognitive, psychological and psychomotor abilities. 38. Teaching strategies 39. Evaluation of teaching and learning. 40.Demonstration of health teaching.			

11. Course Evaluation

20% Midterm examination

10% quiz

70% final examination

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	No special textbook
Main references (sources)	1.Jensen: http://easyweb.easynet.co.uk/zac/chapter17.htm .2013 2.Lucas: http://www.calresco.org/sos/sosfaq.htm 1.1.2013 3.Rosenhead: http://www.human-nature.com/science-as-culture/rosenhead.html .2012.
Recommended books and references (scientific journals, reports...)	. http://www.wcer.wisc.edu/nise/CL1/CL/doingcl/advlec.htm .2012
Electronic References, Websites	Internet



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Academic Program and Course Description

Physiology

2024

Course Description Form

1. Course Name:	
Psychiatric and Mental Health Nursing	
2. Course Code:	
Nur407	
3. Semester / Year:	
2023-2024	
4. Description Preparation Date:	
15/9/2023	
5. Available Attendance Forms:	
Actual and Electronic attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
15 Hours /15 Weeks	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Nawaf Mohammed Dhahir Email: Nawaf.Mohammed@uomosul.edu.iq Name: Lecturer Eman Salim Mohammed Email: Eman.Salim@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<p>This program develops the student's knowledge and understanding of the various theories that explain the surveillance of health authorities and psychologically for patients.</p> <p>□ This curriculum develops the student's ability to use nursing technology as a framework for fully caring for the patient whoever responds Physically, emotionally, spiritually, personally, culturally, socially, economically and even politically.</p> <p>□ Linking scientific material with practical application</p>
Teaching and Learning Strategies	
Strategy	<ol style="list-style-type: none"> 1. Delivering lectures using the latest educational and informational presentation methods. 2. Preparing and discussing discussion sessions by students. 3. Identifying disease cases through practical training and visiting hospitals. 4. Showing videos of psychological illnesses and discussing them with students. 5. Adopting self-learning through the "Playing Role" application. 6. Applying international forms in the nursing curriculum.

9. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First week	3 Theory 6 Practical	1. Understanding the meaning of mental illness and health Psychological. 2. Understanding the basic principles of nursing Mental health.	Foundations of Mental Health	Delivering the lecture using audio-visual aids.	Discussion, evaluation, seminars, and attendance exams.
Second week	3 Theory 6 Practical	1. Understanding the meaning of mental illness and health Psychological. 2. Understanding the basic principles of nursing Mental health.	Foundations of Mental Health	Delivering the lecture using audio-visual aids.	Discussion, evaluation, seminars, and attendance exams.
Third Week	3 Theory 6 Practical	1. Review of mental health theories. 2. Understand the relevance of these theories to practice Nursing.	Theories in mental health nursing	Delivering the lecture using audio-visual aids.	Discussion, evaluation, seminars, and attendance exams.
Fourth Week	3 Theory 6 Practical	1. Learn how to promote mental health. 2. Understand the ethical and legal issues in Mental health nursing	Legal and Ethical issues	Delivering the lecture using audio-visual aids.	Discussion, evaluation, seminars, and attendance exams.
Fifth Week	3 Theory 6 Practical	1. Description of the therapeutic environment. 2. Describe the types of treatment for mental illness. 3. Understanding the nurse's role in providing treatment Psychological.	Treatment Modalities	Delivering the lecture using audio-visual aids.	Discussion, evaluation, seminars, and attendance exams.

Sixth Week	3 Theory 6 Practical	1. Description of the therapeutic environment. 2. Describe the types of treatment for mental illness. 3. Understanding the nurse's role in providing treatment Psychological.	Anxiety Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Seventh Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Traumatic Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Eighth Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Somatic Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Ninth Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Mood Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Tenth Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Mood Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Eleventh Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Schizophrenia	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.

Twelve Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Neurodevelopmental Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Thirteen Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Neurocognitive Disorder	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Fourteen Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Personality Disorder.	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.
Fifteen Week	3 Theory 6 Practical	1. Identify the disorder. 2. Identify symptoms and signs and disorder classifications. 3. Learn about treatment methods and interventions Nursing care of the disorder.	Substance Abuse	Delivering the lecture using audio-visual aids.	Discussion on evaluation, seminars, and attendance exams.

10. Course Evaluation

- 1 Classroom tests (daily).
2. Mid-term exams.
3. Case study (each student is assigned to study a specific medical case, prepare a report, and discuss it with the professor and students).
4. Semester exams.
5. Final exams.
6. Practical application tests.

11. Learning and Teaching Resources

Required textbooks (curricular books, if any)	1. Neeb's Fundamentals of Mental Health Nursing, Linda Gorman and Robynn F. Anwar F.A. Davis Company, Philadelphia (USA), 4th edition, 2014. 2. Psychiatric-Mental Health Nursing Sheila L. Videbeck M., Wolters Kluwer, 8th ed., 2020.
Main references (sources)	1. https://www.who.int/publications/i/item/9789240049338 2. https://screening.mhanational.org/screening-tools/ 3. https://quizlet.com/71433559/psychiatric-mental-healthnursing-nclex-review-questions-set-1-flash-cards/ 4. https://www.proprofs.com/quizschool/topic/psychiatricnursing/ 5. https://nursing.com/pop-quiz/mental-health-nclex-questions
Recommended books and references (scientific journals, reports...)	1. www.nursingworld.org/scopeandstandardspractice 2. Nursing Standards www.ncsbn.org/regulation/boardsofnursing 3. Nurse Practice 4. www.nursingworld.org/MainMenuCategories/Tools/ 4. B Depression Inventory, www.ibogaine.desk.nl/graphics/3639.html 3.pdf 5. Hamilton Depression Rating Scale www.psyworld.com/online_hamd.htm 5. http://www.integration.samhsa.gov/clinicalpractice/sbirt/CAO_questionnaire.pdf 7. www.nanda.org
Electronic References, Websites	Nursing Standards www.ncsbn.org/regulation/boardsofnursing



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



Academic Program and Course Description

Research Methods in Nursing

2024

Course Description Form Research Methods in Nursing

This semester in the College of Nursing, University of Mosul, in its Scientific Research Methods Program, seeks to develop and advance in the fields of scientific research to develop knowledge, practical practice, education, and provide comprehensive care in the field of nursing.

1. Course Name:

Research Methods in Nursing

2. Course Code:

RSM302

3. Semester / Year:

Semester / Courses

4. Description Preparation Date:

29 / 9 / 2023

5. Available Attendance Forms:

In-person Presence and online.

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

- 30 hours for the semester.

- 2 hours a week

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

Name: Assist. Prof. Dr. Hanaa Hussein Mukhlif

Email: Hana.hussein@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Identify research concepts, purposes, and characteristics of scientific
2. research.
3. Search for nursing problem statement.
4. list sources of nursing research problem.
5. Discuss initial & secondary sources of review of literature.
6. Describe types of variables used in nursing research.
7. Discuss the types of research design.
8. Define the population, sampling & sample.

9. Discuss types of sampling techniques (probability & non probability sample).
10. Identify the various methods used in data collection.
11. Explain the types of statistical procedures (descriptive & inferential tests).
12. Analyze, represent & interpret the results.
13. Write a study project.

9. Teaching and Learning Strategies

Strategy	<ol style="list-style-type: none"> 1. Teaching strategy and working on planning and activating the principle of participation. 2. Teaching strategy by presenting a series of questions and notes 3. Brainstorming strategy in presenting the lecture 4. Using the discussion method by dividing students into groups
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
The First.	2Theory	The Origin of Nursing Research Nursing research Goals of the Nursing Research The Importance of Research in Nursing Acquiring knowledge in nursing Roles of Nurses in Research	Introduction to research methods	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Second	2Theory	Hypotheses Important of the hypothesis Sources of hypothesis Types of hypothesis	Hypotheses	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Third	2Theory	Types of variables Characteristics of variables	variables		Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol

Fourth	2Theory	Phases of Research in Nursing Classification of Research Simple Steps in Research Process	Major steps in Scientific Research	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Fifth	2Theory	Research Problem and Research Question What are the research problems and purposes? Elements of the research problem Factors to be considered when selecting a research problem Sources of Research Problems Research Question Framing the Research Question: PICOT	Research Problem and Research Question	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Sixth	2Theory	Reviewing the literature Purpose of the literature review Type of information to review Steps of the literature review Writing review of literature Quality of Sources	Reviewing the literature	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Seventh	2 Theory	Research Design The basic elements of research design Quantitative Research Design Common technique used to control internal factors Types of research design	Research Design	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Eighth	2 Theory	Understanding the key concepts of sampling theory Sampling Methods or Plans Steps of sampling Types of sample Sampling or Eligibility Criteria	The Sample and sampling Process	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol

Ninth	Mid-term exam1				
Tenth	2 Theory	Methods of data collection Measurement strategies in nursing Research instruments Types of research instruments Interview Observation	Methods of data collection	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Eleventh	2 Theory	Tabulation & analysis of data. Tabulation Table and Figure	Tabulation & analysis of data.	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Twelve	2 Theory	Discussion the findings of the study Examine Result Finding Conclusions Implications Recommendations for Further Research	Discussion the findings of the study	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Thirteenth	2 Theory	Research Reports The Need for Accurate Reporting Procedures The Mechanics of Writing a Research Report Ethical Issues in conducting research	Research Reports	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol
Fourteen	Mid-term exam2				
Fifteen	2 Theory	Writing styles of references Identify the abstract and how writing	Styles of references And writing abstract	Displaying the scientific material on the screen <ul style="list-style-type: none"> • Providing an educational video to the students • Giving questions during the lecture for direct answers • Involving the students in presenting the lecture • Using the board to better explain the scientific material 	Daily and monthly exams end of semester exam Lecture presentation by the student Research protocol

Course Evaluation

Distribution as follows:

20 points for the semester theory,

10 points for student activity,

and 70 points for the final.

11. Learning and Teaching Resources

Required textbooks (curricular books any)	Fain, J. (2017). Reading, understanding, and applying nursing research. FA Davis. 5th edition
Main references (sources)	Nieswiadomy, R. M., & Bailey, C. (2018). Foundations of nursing research. 7th edition
Recommended books and references (scientific journals, reports...)	Grove, S. K., Gray, J. R., & Burns, N. (2019). Understanding nursing research: Building an evidence-based practice. Elsevier health sciences. 7th edition
Electronic References, Websites	https://www.iasj.net/



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



Academic Program and Course Description

Physiology

2024

Course Description Form

1. Course Name:	
Physiology	
2. Course Code:	
BHY108	
3. Semester / Year:	
Semester	
4. Description Preparation Date:	
5/10/2023	
5. Available Attendance Forms:	
Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours per course. (2 hrs. weekly)	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammed A.Hayawi Email: Mohamed.hayawi@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Define the concepts of physiology and different terms used in anatomy 2. study the function of the organs of the body 3. Utilize the knowledge gained from the study of human organs functions in understanding other nursing and medical issues ..
9. Teaching and Learning Strategies	
Strategy	<p>The educational strategy is planning the collaborative concept.</p> <p>Brainstorming educational strategy.</p> <p>Education strategy: a series of notes.</p>

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First week	2 hours Theory 2hours practical	The student should be able to know everything related to the blood and its composition	Blood (1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Second week	2 hours Theory 2hours practical	The student should be able to know everything related to the blood and its composition and blood transfusion	Blood (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
third week	2 hours Theory 2hours practical	The student should be able to know the function of organs <u>upper</u> digestive system	Physiology of Upper digestive system (1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fourth week	2 hours Theory 2hours practical	The student should be able to know all the parts of <u>lower</u> digestive system	Physiology of lower of Digestive System (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fifth week	2 hours Theory 2hours practical	The student should be able to know the function of organs of respiratory system	Physiology of Respiratory System	Delivering lecture using audio-visual aids	Daily or weekly Exam
Sixth week	2 hours Theory 2hours practical	The student should be able to know the function of heart	Heart physiology	Delivering lecture using audio-visual aids	Daily or weekly Exam
Seventh Week	2 hours Theory 2hours practical	The student should be able to know the function vascular and lymph system	Cardiovascular system physiology	Delivering lecture using audio-visual aids	Daily or weekly Exam

Eighth week	First midterm examination				
Ninth week	2 hours Theory 2hours practical	The student should be able to know the function of parts of urinary system	Urinary system physiology	Delivering lecture using audio-visual aids	Daily or weekly Exam
Tenth week	2 hours Theory 2hours practical	The student should be able to know the function of male reproductive system	male reproductive system	Delivering lecture using audio-visual aids	Daily or weekly Exam
Eleventh week	2 hours Theory 2hours practical	The student should be able to know the function of female reproductive system	female reproductive system(1)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Twelves week	2 hours Theory 2hours practical	The student should be able to know the function of female reproductive system	female reproductive system (2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Thirteenth week	2 hours Theory 2hours practical	The student should be able to know the function of endocrine system	Endocrine System(1)	Delivering lecture using audio-visual aids	Daily or weekly Exam

Fourteenth week	2 hours Theory 2hours practical	The student should be able to know the function of endocrine system	Endocrine System(2)	Delivering lecture using audio-visual aids	Daily or weekly Exam
Fifteenth week	Second Midterm Exam				
11. Course Evaluation					
The distribution is as follows: 20 points (midterm theoretical exam) and 20 points (midterm practical exam) , 20 points ((the final theoretical exam.)					
12. Learning and Teaching Resources					
Main references (sources)			HOLE’S ESSENTIALS OF HUMAN ANATOMY & PHYSIOLOGY Published by McGraw Hill LLC, 1325 Avenue of Americas, New York, NY 10019. Copyright ©2024 by McGraw Hill LLC.		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites			https://scholar.google.com/		