

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



# **Academic Program and Course Description Guide**

**2024**

## **Introduction:**

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

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

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

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

## **Concepts and terminology:**

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

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

**Program Vision:** An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable 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: 4<sup>th</sup> 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: 2023/12/10

Signature:

Scientific Associate Name:

Dr. Saad Hussien Murad

Date: 2023/12/10

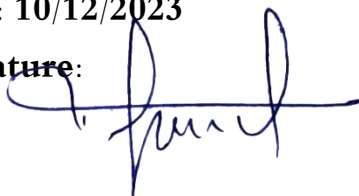
The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department

Date: 10/12/2023

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	5	Teaching Certificate	5	0
		Basic Sciences	Basic Sciences	0	Teaching certificate & nursing skills		
	Assistant Professor	Nursing	Nursing	4	Teaching Certificate	6	0
		Basic Sciences	Basic Sciences	2	Teaching certificate & nursing skills		
	Lecturer	Nursing	Nursing	10	Teaching certificate & nursing skills	10	0
Master Degree	Assistant Professor	Nursing	Nursing	3	Teaching certificate & nursing skills	3	0
		Basic Sciences	Basic Sciences	0	Teaching Certificate		
	Lecturer	Nursing	Nursing	8	Teaching certificate & nursing skills	11	
		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%8A2-2022-2023\\_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](https://uomosul.edu.iq/public/files/datafolder_3073/_20211122_121840_250.pdf)

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### **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 <sup>st</sup> - Stage	NUR101	Fundamentals of Nursing I	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 <sup>st</sup> - Stage	CHM102	Chemistry	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 <sup>st</sup> - Stage	ENG103	English 1	✓	✓	✓				✓					✓			
1 <sup>st</sup> - Stage	ENG109	English 2	✓	✓	✓					✓					✓		
1 <sup>st</sup> - Stage	COS106	Computer 1	✓	✓	✓				✓								
1 <sup>st</sup> - Stage	COS111	Computer 2	✓	✓	✓				✓								
1 <sup>st</sup> - Stage	ANT104	Anatomy	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 <sup>st</sup> - Stage	PHY108	Physiology	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓
1 <sup>st</sup> - Stage	NUR107	Fundamentals of Nursing II	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 <sup>st</sup> - Stage	TER110	Medical Terminology	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 <sup>st</sup> - Stage	ETH105	Nursing Ethics	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 <sup>st</sup> - Stage	ARA112	Arabic Language for Nursing 1	✓						✓		✓	✓					
2 <sup>ed</sup> - Stage	NUR 201	Adult Nursing (1)	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	
2 <sup>ed</sup> - Stage	HAS 203	Health Assessment	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	
2 <sup>ed</sup> - Stage	PHR202	Pharmacology 1	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
2 <sup>ed</sup> - Stage	MBN204	Microbiology 1	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓

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



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

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

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Accreditation Department



# 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: <a href="mailto:rami.ramadhan@uomosul.edu.iq">rami.ramadhan@uomosul.edu.iq</a>					
8. Course Objectives					
<b>Course Objectives</b>					
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					
<b>Strategy</b>		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 Sterilizations & disinfection	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).
4	4 ساعة	The nursing process	Body position and posture		
5	4 ساعة	Body mechanics	Temperature	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).
6					
7	4 ساعة	The Vital Signs	Pulse	2- Giving an assignment at the end of the lecture for a direct answer	Daily, weekly and monthly exams and the end of the semester exam (theoretical and laboratory).
8	4 ساعة		Respiration		
9	4 ساعة		Blood pressure		
10	4 ساعة	Drug administration	Criteria	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		Types of drug and Route		
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		
		Midexam 2	Evaluation		

## 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

## 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:	
<b>Biochemistry</b>	
2. Course Code:	
<b>CHM102</b>	
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: <a href="mailto:f.ghazal@uomosul.edu.iq">f.ghazal@uomosul.edu.iq</a>	
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	
<b>Strategy</b>	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; 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	<a href="https://scholar.google.com/">https://scholar.google.com/</a>

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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

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

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
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:vocabulary, 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

## Anatomy

2024

## Course Description Form

<b>1. Course Name:</b>	
Anatomy	
<b>2. Course Code:</b>	
ANT104	
<b>3. Semester / Year:</b>	
Semester	
<b>4. Description Preparation Date:</b>	
1/10/2023	
<b>5. Available Attendance Forms:</b>	
Attendance	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
30 hours per course. (2 hrs. weekly)	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Mohammed A.Hayawi Email: Mohamed.hayawi@uomosul.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ol style="list-style-type: none"> <li><b>1.</b> Define the concepts of anatomy and different terms used in anatomy</li> <li><b>2.</b> study the structures of the organs of the body</li> <li><b>3.</b> Utilize the knowledge gained from the study of human organs structures in understanding other nursing and medical issues.</li> </ol>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	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 <b>upper</b> 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 <b>lower</b> 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 <b>upper</b> 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 <b>lower</b> 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				
<b>11. Course Evaluation</b>					
The distribution is as follows: 20 points ( midterm theoretical exam) and 20 points (midterm practical exam) , 20 points ( ( the final theoretical exam.)					
<b>12. Learning and Teaching Resources</b>					
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			<a href="https://scholar.google.com/">https://scholar.google.com/</a>		

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# 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](mailto:Nawaf.Mohammed@uomosul.edu.iq)  
Lect. Eman Salim [Eman.khaffaf@uomosul.edu.iq](mailto:Eman.khaffaf@uomosul.edu.iq)

### 8. Course Objectives

- 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.
- 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.
- Applying Ethics in Practical Practice:** Teaching students how to effectively apply ethical concepts when interacting with patients, colleagues, and interdisciplinary healthcare teams.
- 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.
- 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

- Deliver lectures through presentations and structured teaching.
- 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

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

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# 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

<b>1. Educational institution</b>	University of Mosul - College of Nursing
<b>2. Scientific department/center</b>	Basic sciences
<b>3. Course name/code</b>	Computers 1 / COS106
<b>4. Available attendance forms</b>	Recording the student's attendance
<b>5. Semester/year</b>	The first semester of the first stage
<b>6. Number of study hours (total)</b>	15 theoretical studies (1 study per week for 15 weeks)
<b>7. Date this description was prepared</b>	1/11/2023
<b>8. Course objectives</b>	
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.**

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

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

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

## 11. Infrastructure

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

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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: <a href="mailto:rami.ramadhan@uomosul.edu.iq">rami.ramadhan@uomosul.edu.iq</a>	
8. Course Objectives	
<b>Course Objectives</b>	<ul style="list-style-type: none"><li>• .....</li><li>• .....</li><li>• .....</li></ul>
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	
<b>Strategy</b>	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		
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		
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		
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

## Physiology

2024

## Course Description Form

<b>1. Course Name:</b>	
Physiology	
<b>2. Course Code:</b>	
BHY108	
<b>3. Semester / Year:</b>	
Semester	
<b>4. Description Preparation Date:</b>	
5/10/2023	
<b>5. Available Attendance Forms:</b>	
Attendance	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
30 hours per course. (2 hrs. weekly)	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Mohammed A.Hayawi Email: Mohamed.hayawi@uomosul.edu.iq	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<ol style="list-style-type: none"> <li><b>1.</b> Define the concepts of physiology and different terms used in anatomy</li> <li><b>2.</b> study the function of the organs of the body</li> <li><b>3.</b> Utilize the knowledge gained from the study of human organs functions in understanding other nursing and medical issues ..</li> </ol>
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	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 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				
<b>11. Course Evaluation</b>					
The distribution is as follows: 20 points ( midterm theoretical exam) and 20 points (midterm practical exam) , 20 points ( ( the final theoretical exam.)					
<b>12. Learning and Teaching Resources</b>					
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			<a href="https://scholar.google.com/">https://scholar.google.com/</a>		

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# 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

<b>Strategy</b>	<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

## 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: [Hana.hussein@uomosul.edu.iq](mailto:Hana.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

<b>Strategy</b>	Theoretical lectures Use discussion methods Writing report
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10. Course Structure

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
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). *Medical terminology systems: a body systems approach*. FA Davis.  
Fremgen, B. F., & Frucht, S. S. (2016). *Medical Terminology: A living language* (p. 672). Pearson Prentice Hall.  
Wingerd, B. (2016). *Medical terminology complete*. 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). *Medical terminology systems: a body systems approach*. 6th ed.F. A. Davis Company

Electronic References, Websites

<https://www.nlm.nih.gov/>  
<https://www.merriam-webster.com/medical>

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# 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.

<b>1. Educational institution</b>	University of Mosul - College of Nursing
<b>2. Scientific department/center</b>	Basic sciences
<b>3. Course name/code</b>	Computers 2 / COS111
<b>4. Available attendance forms</b>	Recording the student's attendance.
<b>5. Semester/year</b>	The second semester of the second stage
<b>6. Number of study hours (total)</b>	30 practical hours (2 hours per week for 15 weeks)
<b>7. Date this description was prepared</b>	28/1/2023
<b>8. Course objectives</b>	
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 وأخرون 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	

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# 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](mailto: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  $\text{Dād}$  and  $\text{Dā}$  in pronunciation and writing, and between the letters  $\text{Dā}$  and  $\text{Dā}$  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

<b>Strategy</b>	. Strategy Education Strategy Collaborative Concept Planning. Education Strategy Brainstorming. Education Strategy Notes Series
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## 10. Course Structure

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
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'allaqa.	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>1 شرح ابن عقيل</p> <p>2 معاني النحو فاضل صالح السامرائي</p> <p>3 شرح قطر الندى وبل الصدى ابن هشام الانصاري</p>				
Main references (sources)					
Recommended books and references (scientific journals, reports...)	. Journal of Arabic Language and Literature / National Research Center Volume 12, Issue 12, 2023				
Electronic References, Websites	<a href="https://iajour.com">https://iajour.com</a> .				

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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](mailto: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

<b>Strategy</b>	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.	4 Theory 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/>

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

## Pharmacology For Nurses I

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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](mailto: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/>