



**Ministry of Higher Education for Science
Academic Supervision and Evaluation Authority**
Quality Assurance and Academic Accreditation Department Accreditation Department

Academic Program Description

Al-Farabi University /College of Nursing

2025/2026

نموذج وصف البرنامج الأكاديمي

اسم الجامعة: جامعة الفارابي

الكلية: التمريض

القسم العلمي: التمريض


اسم البرنامج الأكاديمي او المهني: بكالوريوس في كلية التمريض


اسم الشهادة النهائية: بكالوريوس في علوم التمريض.

النظام الدراسي: فصلي

تاريخ اعداد الوصف: 2025/9/1

تاريخ ملء الملف: 2025/10/1


التوقيع :
اسم المعاون العلمي: م.د رفا خضير محسن
التاريخ :


التوقيع :
اسم رئيس القسم: أ.م د مجيد حمود حمادي
التاريخ :

دقق الملف من قبل

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجودة والأداء الجامعي: د.د. ورواحي محمد
التاريخ :


مصادقة السيد العميد
عن أ.م د مجيد حمود حمادي

كلية التمريض
جامعة الفارابي


التوقيع :

1. Program vision

The program seeks to raise the academic level by updating and developing academic and scientific research curricula in response to accreditation and quality assurance requirements

2. Program message

This academic program provides a concise summary of the program's key features and the learning outcomes the student is expected to achieve, demonstrating whether he or she has made the most of the opportunities available. It is accompanied by a description of each course.

Within the program.

3. Program objectives

The program aims to enable the student to acquire the following knowledge and skills:

-Preparing a competent graduate capable of performing his/her job role with the utmost excellence, protecting the individual, family, and society from disease, and maintaining and sustaining their health.

-Providing nursing care based on advanced scientific knowledge, achieving patient recovery, and preventing disease complications.

-Adopting nursing theories in providing patient care based on the nursing process appropriate for

all age groups and various medical conditions.

-Adopting medical ethics when dealing with patients.

Providing medical advice and guidance to patients and their families to maintain their health, raise health awareness, and contribute effectively to primary health care at all levels.

4 Program accreditation

The program has been applied for accreditation by the National Council for the Accreditation of Colleges of Nursing

5. Other external influences

Cooperation with hospitals and health centers of the Ministry of Health in training students and developing medical and nursing skills, in addition to the presence of educational laboratories

.within the college

6. Program structure				
Program structure	Number of courses	Study unit	percentage	comments *
Institutional requirement	4	8	5%	Essential
	2	6	6%	Essential
College requirement	3	6	6%	Essential
Department requirement	28	111	79%	Essential
Summer internship	2	hrs 60 30equal unit	21%	Essential

* Notes may include whether the course is basic or optional.

7- -Program Description											
8-											
First Years Semester 1						First Years Semester 2					
Course no.	Subject	T	L	C	Credit hours	Course no.	Subject	T	L	C	Credit hours
NUR 101	Fundamental of Nursing I	4	6	0	7	NUR 107	Fundamental of Nursing II	4	0	12	8
CHM 102	Biochemistry	3	2	0	4	PHY 108	Physiology for Nurses	3	2	0	4
ENG 103	English part I	2	0	0	2	ENG 109	English part II	2	0	0	2
ANT 104	Anatomy of Nurses	3	2	0	4	TER 110	Medical Terminology	2	0	0	2
ETH 105	Code of Ethics	2	0	0	2	COS 111	Computer Science II	0	2	0	1
COS 105	Computer Science I	1	0	0	1	ARB 112	Arabic Language for Nursing	2	0	0	2
HUMR 107	Democracy & Human Rights	2	0	0	2						
Total					22	Total					19
Second Years Semester 1						Second Years Semester 2					
NUR 201	Adult Nursing I	4	0	12	8	NUR 206	Adult Nursing II	4	0	12	8
PHR 202	Pharmacology for Nurses I	2	0	0	2	PAT 207	Pathophysiology for Nurses	2	0	0	2
HAS 203	Health Assessment	2	2	0	3	MBN 208	Microbiology for nurses II	2	2	0	3
MBN 204	Microbiology for Nurses I	2	2	0	3	PHR 209	Pharmacology for Nurses II	2	0	0	2
COS 205	Computer Science III	0	2	0	1	COS 210	Computer Science IV	0	2	0	2
						CDB206	Baath Party crimes	2	0	0	2
						NUR 211	Preceptorship (Summer clinical Training)	0	0	30	Pass
Total					17	Total					19
Third years Semester 1						Third years Semester 1					
NUR301	Maternal and Neonate Nursing	3	2	12	8	NUT306	Pediatric Nursing	3	2	12	8
RSM302	Research Method in Nursing	2	0	0	2	BST307	Biostatistics	2	0	0	2
HOS303	Health Sociology	2	0	0	2	PHR308	Human growth And Development	3	0	6	5
HUMP304	Human Rights	1	0	0	1	DEM309	Democracy	1	0	0	1
NUT305	Nutrition and Diet Therapy	2	0	0	2	ENG310	English part III	1	2	0	2
						NUR311	Preceptorship (Summer clinical Training)	0	0	30	Pass
Total					15	Total					18
1Fourth Years Semester						2Fourth Years Semester					
NUR401	Family and Community Health nursing	3	0	12	7	NUR408	Psychiatric and Mental Health Nursing	3	0	12	7
NUR402	Nursing Management and Leadership	2	0	3	3	NUR409	Critical Care Nursing	3	0	9	6
NUR403	Professional Perspective and Issues in Nursing	2	0	0	2	NUR410	Research Project	0	0	3	1
NUR404	Research Project	0	0	3	1	HPN 411	Health Psychology for Nurses	2	0	0	2
HPR405	Health Promotion	2	0	0	2	ENG412	English Part (4)	1	0	0	1
EPD406	Epidemiology	2	0	0	2	ARB312	Arabic Language for Nurses (II)	1	0	0	1
ARB407	Arabic Language for Nursing (1)	1	0	0	1						
Total					18	Total					18

9- Expected learning outcomes of the program**Knowledge**

- Teaching students' concepts and skills related to health, in terms of preventing disease and treating injuries when they occur.
- Helping the individual meet his basic daily needs, improve his lifestyle, and work to rely on his physical abilities in the event of disability through rehabilitation centers at the third level of care.
- Raising the student's efficiency and developing his talents to ensure his participation in society.

Skill

- Teaching students' scientific methods for providing nursing care to the individual, family, and community.
- Providing training opportunities within healthcare institutions and hospitals during clinical training, keeping up with modern developments, and familiarizing oneself with medical devices used in diagnosing and treating patients.
- Providing advanced clinical training based on approved nursing principles and standards,
- enabling the student to perform the role of a registered nurse under direct supervision.

Values

- Enabling the student to quickly move to the level of advanced thinking and making correct decisions, to develop the national and humanitarian spirit when dealing with healthy and sick people.
- Develop thinking and creativity skills.
- Developing the spirit of teamwork within a single team.
- Developing critical thinking skills.
- The ability to challenge and confront difficulties and psychological pressures.

10- Teaching and learning strategies

- Adopting a lecture delivery method enhanced with modern educational tools (data show) and discussions (discussion).
- Self-learning, seminars, brainstorming.
-
- Presentation and re-presentation training in educational laboratories, hospitals, and health centers. Critical assignments on a specific topic or research.
- Conducting studies and research.
- Adopting the problem-solving approach of e-learning.
- Case study and health assessment. Optimal use of the library through academic assignments.
- Assigning the student to conduct a study of a specific medical case and write scientific reports

11- Evaluation methods

1. Quizzes
2. Midterm written exams for the theoretical and practical aspects of the course. Final
3. written and oral exams for the theoretical and practical aspects.
4. Evaluation of extracurricular activities.
5. Use of the clinical assessment form.

12- Faculty

Faculty Members	Academic Rank	Specialization		Special Requirements / Skills (if any)		Number of Teaching Staff	Lecturer
	General	Specific	General			Permanent Staff	
Asst. Prof. Dr. Majid Hammoudi	Assistant Professor	✓				✓	
Dr. Ilham Amin Jaddou Abdul Ghani	Professor	✓				✓	
Prof. Dr. Khalida Alwan Mansour	Professor	✓				✓	
Lect. Dr. Ria Khudhair Mohsen	Lecturer Doctor	✓				✓	
Lect. Dr. Zaid Jaber Hamad Yousif	Lecturer Doctor	✓				✓	
Dr. Mohammed Hamza Mahdi Taresh	Lecturer Doctor	✓				✓	✓
Asst. Lect. Taha Qasim Ahmed Hassan	Assistant Lecturer	✓				✓	✓
Asst. Lect. Alaa Sabah Ghazal Rahim	Assistant Lecturer	✓				✓	
Lect. Dr. Anwar Saad Qasim	Lecturer Doctor	✓				✓	
Lect. Dr. Wurood Ali Mahmoud	Lecturer Doctor	✓				✓	

Lect. Dr. Mohammed Aziz Hassan	Lecturer Doctor	✓				✓	
Asst. Lect. Ghufran Hadi Abdullah	Assistant Lecturer	✓				✓	
Asst. Lect. Bilal Majid Saeed	Assistant Lecturer	✓				✓	
Lect. Dr. Anwar Mohammed Lazim	Lecturer Doctor	✓					✓
Asst. Lect. Abbas Jabr Mohammed	Assistant Lecturer	✓					✓
Asst. Lect. Anwar Sabah Hussein	Assistant Lecturer	✓				✓	
Asst. Lect. Shatha Salah Jasim	Assistant Lecturer	✓					✓
Asst. Lect. Saad Mohammed Abdul Hamid	Assistant Lecturer	✓					✓

Professional development

Orientation of new faculty members

To understand the concept of what it means to be a faculty member at the university, including the basic characteristics and values, and responsibilities related to rights, performance, and accountability as a faculty member, and to guide them in performing their roles effectively in order to contribute to raising the level of efficiency of the university institution, and to raise the efficiency of the performance of its faculty, starting with new members, as many newly experienced faculty members join universities annually.

And those who are in dire need of guidance to help them develop their professional and academic skills.

Professional development for faculty members

Raising the student's academic level, keeping pace with scientific developments in his field of specialization, using modern teaching methods, and taking into account individual differences among students.

13- Acceptance criteria

- Central admission for the Ministry of Higher Education and Scientific Research for graduates of preparatory studies, science and biology branches.
- Health Institutes (Nursing Department). Nursing secondary school.

14- The most important sources of information about the program

1. Ministerial instructions.
2. Course description guide. Relying on the college
3. guide and study plan. Relying on international
4. standards for the program.
5. Reviewing the performance of higher education institutions.

15- Program Development Plan

- Continuously monitoring scientific and technological developments, and following up on anything new and adopting it in work.
- Contributing to continuing education programs, attending seminars, workshops, and scientific conferences by presenting research.
- Participate in training courses within international health organizations such as the World Health Organization and UNICEF.
- Field visits to sites covered by practical training within the curriculum.
- Develop computer skills.

مخطط مهارات البرنامج																			
مخرجات التعلم المطلوبة من البرنامج																			
المهارات العامة والتأهيلية المنقولة (مهارات أخرى متعلقة بالتوظيف والتطور الشخصي)				الأهداف الوجدانية				المهارات المهاراتية الخاصة بالبرامج				المعرفة المعرفية				اساسي أم اختياري	اسم المقرر	رمز المقرر	السنة / المستوى
4د	3د	2د	1د	4ج	ج 3	2ج	1ج	ب 4	ب 3	ب 2	ب 1	4أ	3أ	2أ	1أ				
	✓				✓				✓			✓				أساسي	Anatomy for nurses	ANT103	المرحلة الأولى
✓				✓				✓				✓					Physiology for nurses	PHY107	
	✓			✓						✓			✓				Biochemistry	CHM10 2	
✓				✓				✓				✓					Computer Science (1)	COS105	
✓					✓					✓			✓				Computer Science (2)	COS110	
	✓			✓				✓				✓					English	ENG108	

يرجى وضع اشارة في المربعات المقابلة لمخرجات التعلم الفردية من البرنامج الخاضعة للتقييم

مخطط مهارات البرنامج

مخرجات التعلم المطلوبة من البرنامج

المهارات العامة والتأهيلية المنقولة (مهارات أخرى متعلقة بالتوظيف والتطور الشخصي)				الأهداف الوجدانية				المهارات المهاراتية الخاصة بالبرامج				المعرفة المعرفية				اساسي أم اختياري	اسم المقرر	رمز المقرر	السنة / المستوى	
																				د4
	✓				✓			✓					✓				أساسي	Microbiology for Nurses (1)	MBN204	المرحلة الثانية
✓					✓				✓			✓					أساسي	Computer Science (4)	COS211	
	✓				✓				✓				✓				أساسي	English (2)	ENG210	
	✓				✓				✓		✓						أساسي	Pharmacology for Nurses (2)	PHR209	
	✓				✓			✓					✓				أساسي	Microbiology for Nurses (2)	MBN208	
✓					✓				✓			✓					أساسي	Pathophysiology of nurses	PAT207	

مخطط مهارات البرنامج

مخرجات التعلم المطلوبة من البرنامج

المهارات العامة والتأهيلية المنقولة (مهارات أخرى متعلقة بالتوظيف والتطور الشخصي)				الأهداف الوجدانية				المهارات المهاراتية الخاصة بالبرامج				المعرفة المعرفية				اساسي أم اختياري	اسم المقرر	رمز المقرر	السنة / المستوى	
																				د4
	✓				✓				✓				✓				أساسي	Human Rights	HUM304	المرحلة الثالثة
✓					✓			✓					✓				أساسي	Democracy	DEM309	
✓	✓			✓				✓					✓				أساسي	Arabic Language (1)	ARB407	المرحلة الرابعة
✓				✓				✓					✓				أساسي	Arabic Language (2)	ARA412	

Course Syllabus

• Module 1

Code	Course/Module Title	ECTS	Semester
NUR1101	Fundamentals of Nursing (1)	14	1
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
4	6	150	200
Description			
<p>This course introduces the student to basic nursing concepts, health promotion, and the nursing process, how to provide nursing services to patients' Basic human needs and safety in patient care are introduced. The course has a lab component for students to build a foundation of nursing psychomotor skills. It includes Identify cultural and spiritual beliefs to provide patients centered care for basic health needs. Demonstrate psychomotor skills to safety meet the basic needs of adults. Use the nursing process to provide and document basic patient care. Recognize appropriate communication skills and professional behaviors in interactions with patients and nursing staff members.</p>			

• Module 2

Code	Course/Module Title	ECTS	Semester
NUR1102	Biochemistry	5	1
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
3	2	75	50
Description			
<p>This course is designed to introduce students to the fundamental concept's compounds of biochemistry. The students look at both structure and role of abnormal carbohydrates, lipids, amino acids, proteins, and enzymes with diseases. They also acquire the basic skill necessary for general laboratory analysis and operating maintaining, and cleaning laboratory equipment. After successfully completion of the course, the students will be able to Understand the clinical distinguish between carbohydrate, proteins, and lipids, Understand the role of hormones and the metabolic reactions in the body, Realize some important body constituents and their chemical changes in the body, Differentiate the biochemical functions of different human organs in normal and abnormal condition, Understand the human biochemical reactions in normal status and in case of diseases, Use laboratory methods for monitoring biochemical reactions in biological samples.</p>			

• Module 3

Code	Course/Module Title	ECTS	Semester
NUR1103	Anatomy for nurses	6	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
3	2	75	75
Description			
<p>Anatomy and physiology are key aspects of nursing fundamentals, providing nurses with a comprehensive understanding of the structure and functions of the human body. This is essential for the work nurses perform: patient assessments, administering medication, controlling infection, monitoring hygiene, and documentation. Both anatomy and physiology help nurses understand the effects of medication and treatment, as well as identify possible side effects or complications using a combined regional and systemic approach to examine the relationships and organization of the major structures within the thorax, abdomen, head/neck, and back/limbs regions of the body. The gross anatomy course uses a systems approach to prepare students to understand relationships among structures that contribute to the functioning of organ systems.</p>			

• Module 4

Code	Course/Module Title	ECTS	Semester
NUR1104	Code of Ethics	3	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	30	45
Description			
<p>The nursing code of ethics and provisions establish standards that help nurses provide the best quality patient care with compassion, respect, and accountability. They also guide nurses in making ethical decisions in the best interests of their patients. The code of ethics for nurses is an expression of a nurse's understanding of their commitment to patients, the profession, and society. The nursing code of ethics establishes non-negotiable ethical standards for all nursing roles in all settings. The code of ethics for nurses helps guide nurses in daily practice as they navigate the healthcare system. The nursing code of ethics establishes guidelines that stress the importance of nurses participating in continuing education and evidence-based practice. The provisions outlined in the nursing code of ethics outline broad expectations of nurses and requires all nurses to always act in a professional manner.</p>			

• Module 5

Code	Course/Module Title	ECTS	Semester
RD1105	Human Rights and Democracy	2	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	30	20

يوفر وصف المقرر هذا إيجازاً مقتضياً لأهم خصائص المقرر ومخرجات التعلم المتوقعة من الطالب تحقيقها مبرهنأ عما إذا كان قد حقق الاستفادة القصوى من فرص التعلم المتاحة. ولا بد من الربط بينها وبين وصف البرنامج؛ تعريف الطالب بحقوق الانسان واهم الحقوق التي نادى بها الاتفاقيات الدولية ومنظمات حقوق الانسان الدولية والاقليمية، وكذلك اكساب الطالب معلومات عن مفهوم الديمقراطية وتعريفاتها القانونية وتعريف الطالب باهم انواع النظم الديمقراطية اضافة الى ذلك تمكينه من التعرف على بعض نماذج من النظم الديمقراطية في بعض الدول.

• Module 6

Code	Course/Module Title	ECTS	Semester
NUR1201	Fundamentals of Nursing 2	16	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
4	12	240	160

Description

The course is a continuation of fundamental 1, the course is designed to provide skills and knowledge that enable students to deliver holistic care to clients and to develop psychomotor skills in the skill-lab to practice in the clinical settings. The student will provide nursing interventions required to help clients who have difficulty in performing the activities for maintaining their health when they are ill in different care settings, such includes: safe administration of medication and providing care to surgical patients, based on the nursing process. The theoretical foundation for basic data collection and nursing skills is presented, and the student is given an opportunity to demonstrate these skills in clinical settings.

• Module 7

Code	Course/Module Title	ECTS	Semester
NUR1202	Physiology for nurse 2	6	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
3	2	75	75
Description			
<p>Physiology for Nursing is an integrative course that brings together aspects of cell biology, biochemistry, histology and anatomy to explain the functions of the major human organ systems. The major organ systems that are explored include the skeletal, nervous, muscular, digestive, excretory, cardiovascular, respiratory and reproductive systems. The objective of this course is to give students an introduction to the cellular, physiological, anatomical and biochemical function of the human body. As well as providing students to the nursing students with basic theoretical and laboratory knowledge about different human systems, their locations in the human body, and their functions. It also provides information about the mutual interaction between cells, tissues, and organs of these systems in performing their functions and maintaining the internal environment in a stable condition.</p>			

• Module 8

Code	Course/Module Title	ECTS	Semester
NUR1203	Medical Terminology	3	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2	0	30	45
Description			
<p>Medical terminology refers to the words and language used specifically in the medical and health fields. The proper definition describes medical terminology as language used to describe anatomical structures, procedures, conditions, processes and treatments in the medical field. Medical terminology helps prevent errors in diagnoses and treatments by ensuring that everyone involved in a patient's care understands the same information, reducing the risk of mistakes. Medical terminology is a specialized type of vocabulary that encompasses words, phrases, and abbreviations specific to the healthcare field. This terminology is critical for nurses' daily responsibilities, including documenting patient information, interpreting medical charts, and administering treatments.</p>			

• **Module 9**

Code	Course/Module Title	ECTS	Semester
COM1204	Computer Science (1)	3	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
1	1	30	45
Description			
<p>The computer subject introduces students to the basic concepts of computers, including hardware and software components. It explains how data and information are processed through computing systems. Students learn about input/output devices, memory types, and CPU components. The course also covers operating systems and their main types and functions. Practical skills include using word processing and presentation software effectively.</p>			

• **Module 10**

Code	Course/Module Title	ECTS	Semester
ARA1205	Arabic language 1	2	2
Class (hr/w)	Lect/Lab./Prac. /Tutor	SSWL (hr/sem)	USWL (hr/w)
1	0	30	20
Description			
<p>بشكل عام، يهدف مقرر اللغة العربية إلى تعزيز مهارات الطلاب اللغوية الأساسية، والتأكد من قدرتهم على استخدام اللغة العربية الفصحى بشكل صحيح في الكتابة والقراءة والتعبير. قد يتضمن المقرر دراسة نصوص أدبية مختارة (شعر أو نثر) من عصور مختلفة (جاهلي، إسلامي، عباسي، حديث) بهدف تحليلها واستخلاص القيم الفنية واللغوية منها، وتعزيز الذوق الأدبي. يعتمد التدريس على المحاضرات، المناقشات الصفية، التمارين التطبيقية، والواجبات المنزلية. يشمل التقييم عادةً الامتحانات الفصلية، الاختبارات القصيرة، المشاركة الصفية، والواجبات الكتابية. ويسعى هذا المقرر إلى تزويد الطالب الجامعي بالأدوات اللغوية الضرورية التي تساعد على التعبير بوضوح ودقة في مجال تخصصه وفي حياته اليومية، وتعزيز ارتباطه بلغته الأم.</p>			

Course Syllabus

Course Code & Title: Practical of Health Assessment

Department/ College: Al-Farabi University / College of Nursing

Credit Hours: total (2) credits

Course Calendar:

Total (2) Hours weekly of (12) weeks.

Theory (2) hrs

Lab (2) hrs

Clinical (-) hrs

Lecturer Name: Dr. Taha Qassim Ahmed

Tel:07832825310

Email: tahaqassim19@yahoo.com

Course Prerequisites: there is no need.

Course Description:

It is a subject learn the student of nursing department how to collect medical and health knowledge of the patients and how to use the medical instruments and how examine the patient.

Course objectives:

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

1. Understand the principle of basic pathology
2. Know the physiological alteration of various pathological conditions.
3. Learn how to examine the patient and use the medical instruments.

10. The practical table and time

		Week
1	Techniques of examination & assessment	1 st
2	Integument assessment (Skin, hair, nail)	2 nd
3	Head and neck & cervical lymph node assessment	3 th
4	Mouth & oropharynx assessment	4 th
5	Nose & sinuses assessment	5 th
6	Eyes & ear assessment	6 th
7	Lung & Thorax assessment	7 th
8	Cardiovascular assess	8 th
9	Assessment of abdomen	9 th
10	musculoskeletal assessment	10 th
11	Neurological assess	11 th
12	Final practice Exam	12 th

References

1. Lectures from Theoretical lectures
2. Lectures of practical health assessment

Grading Policy

Assignments	many reports by the students 5 degree
Quizzes	many Quizzes 5 degree
Midterm Exam	including the degrees of reports and quizzes 10 degree
The total	20 degree

Course Syllabus

Course Code & Title: Adult Nursing11

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: Total (8) credits

Theory (4) credits

Clinical (4) credits

Course Calendar: total (16) hrs., weekly of 15 weeks: theory (4) hrs., clinical (12) hrs.

Lecturer Name: Dr. wurood Ali Mahmood

Tel:07711055504

Email: warud.ali@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description:

This course the students will be able to Identify risk factors and nursing interventions in promoting and maintaining health in a selected client population.

- Relate the path physiology of selected medical/ surgical alterations to the health-illness continuum.
- Discuss scientifically based rational for performing selected diagnostic procedure, outcomes and nursing responsibilities.
- Describe drug therapies and their related outcomes for clients undergoing medical/ surgical interventions.
- Explain nutritional needs of patients with selected medical/ surgical alterations.
- Discuss principles of teaching- learning processes as they related to the adult older adult patient.
- Utilize health assessment skills in determining the physical, psychological, spiritual, and learning Needs of adult patients.

Course objectives:

1. Explain nutritional needs of patients with selected medical/ surgical alterations

2. Discuss principles of teaching- learning processes as they related to the adult older adult patient.

3. Utilize health assessment skills in determining the physical, psychological, spiritual, and learning Needs of adult patients.

Class / Laboratory Schedule (nursing clinical in the teaching hospitals).

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	4	Nursing management of patients with nervous system disorder: <ul style="list-style-type: none"> • Assessment and diagnostic test • Intracranial pressure
2	4	<ul style="list-style-type: none"> • Brain tumor • Head injury.
3	4	Nursing management of patients with Renal disorders: <ul style="list-style-type: none"> • Assessment and diagnostic test • Cardinal signs and symptoms • Urinary tract infection.
4	4	<ul style="list-style-type: none"> • Renal stone • Prostatic hyperplasia • Cancer of the bladder.
6	4	Nursing management of patients with Musculoskeletal disorders: <ul style="list-style-type: none"> • Assessment and diagnostic test • Fracture. • Osteomyelitis
7	4	First month exam
8	4	<ul style="list-style-type: none"> • Arthritis
9	4	Nursing management of patients with Cardiovascular disorders: <ul style="list-style-type: none"> • Assessment and signs and symptoms and diagnostic test. • Valvular heart disease (Aortic stenosis and regurgitation)
10	4	Valvular disorders (Aortic stenosis and regurgitation)
13	4	Nursing management of patients with Eye, Nose and Throat (ENT): <ul style="list-style-type: none"> • Sinusitis • Tonsillitis • Otitis media

14	4	Nursing management of patients with ophthalmic .disorders <ul style="list-style-type: none">• Assessment and diagnostic test• Cataract• Gulcoma.
15	4	Second month exam.

Text Books

1. Brunner & Suddarth's Medical Surgical Nursing

Useful References

- Hinkle, J., Cheever, K. (2018). Brunner and Suddarth's, Text book of medical surgical Nursing. 14th Edition. Wolters Kluwer, Lippincott co.
- Williams, L., and hopper, P., (2015). Understanding medical surgical nursing. 5th edition, F.A. Davis company, USA.

Grading Policy

Assignments (list number of assignments and the grade per each) %

Quizzes 5 %

Midterm Exam 15 theory, 40% clinical evaluation

Final Exam 20% theory final, 20% final clinical examine

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Critical Care Nursing

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: Total (6) credits

Theory (2) credits

Clinical (12) credits

Course Calendar:(6) credits: (2) theoretical, (12) Practical; 15th weeks

Lecturer Name: Dr. wurood Ali Mahmood & Dr. Khalida A. Mansour

Tel:07711055504

Email: warud.ali@alfarabiuc.edu.iq

Course Prerequisites: (Fundamental of Nursing, Adult Nursing)

Course Description: This course is designed to develop knowledge necessary for the critical care nurses to provide complex therapeutic nursing interventions for health problems commonly encountered within the critical care environment. The course utilizes critical thinking processes to achieve successful integration of theoretical understanding in relation to clinical Application.

Course objectives:

Upon completion of the course, the student shall be able to:

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.

Class / Laboratory Schedule (nursing clinical in the teaching hospitals).

Teaching Methods: Lectures, handouts, discussions, & assignments.

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Unit to be Covered and/or Other Activity
1	2	Part I: Introduction to critical care nursing: 1.1. The client's experience with critical illness. 1.2. The family's experience with critical illness . 1.3. Impact of critical care environment on the client. 1.4. Relieving pain and providing comfort. <ul style="list-style-type: none"> • 1.5. Psychosocial support for the clients and their families.
2	2	<ul style="list-style-type: none"> • Part I: Introduction to critical care nursing: • 1.6. Client and family education in critical care. • 1.7. Ethical issues in critical care nursing. • 1.8. The Critical Care Experience • 1.9. Nutritional Support • 1.10. Dysrhythmia Interpretation and Management • 1.11. Comfort and Sedation
3	2	Part II: Cardiovascular Disorders: 2.1. Acute coronary syndromes: 2.1.1. Angina pectoris. 2.1.1. Myocardial infarction. <ul style="list-style-type: none"> • 2.2. Heart failure.
4	2	Part II: Cardiovascular Disorders: 2.3. Cardiogenic shock. 2.4. Cardiac surgery. <ul style="list-style-type: none"> • 2.5. Nursing management for client undergoing Cardiac Surgery
5	2	<ul style="list-style-type: none"> • Part III: Respiratory Disorders: • 3.1. Acute lung and acute respiratory distress syndrome. • 3.2. Pneumothorax
6	2	Part III: Respiratory Disorders: 3.3. Acute respiratory failure. 3.4. Nursing intervention and management. 3.5. Ventilator.
7	2	Part IV: Renal disorders: 4.1. Acute and chronic renal failure. 4.2. Renal transplantation. 4.3. Nursing intervention and management
8	2	<ul style="list-style-type: none"> • First midterm exam
9	2	<ul style="list-style-type: none"> • Part V: Multisystem Trauma: • 5.1. Spinal cord and neck trauma. • 5.2. Chest trauma.)
10	2	Part V: Multisystem Trauma: 5.3. Poisoning 5.4. Burns

11	2	Part VI: Endocrine disorders 6.1. Diabetic coma 6.2. Ketoacidosis
12	2	Part VI: Endocrine disorders 6.3. Thyroid storm 6.4. Myxedema com
13	2	Part VII: Neurological disorders 7.1. Shock 7.2. 1. Types of shock 7.2.2: management of each type
14	2	<ul style="list-style-type: none"> • Nursing management of patients with ophthalmic disorders. • Part VIII: End of Life & Palliative Care
15	2	Second month exam.

Text Books

1. Urden L.D. (2016) critical care nursing, seventh edition.
2. Perrin K.O. and MacLeod C.E. (2020) Understanding the Essentials of Critical Care Nursing, Third edition.

Evaluation & Grading

Distribution of Points:

Requirements	Possible Points
The midterm exam (theoretical)	20%
The midterm exam (clinical)	10%
Seminar or case report and assignments *	10%
The total of 40% before the final exam.	
The Final exam	60%
Total	100%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Adult Nursing I

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: Total (8) credits

Theory (4) credits

Clinical (4) credits

Course Calendar: total (16) hrs, weekly of 15 weeks: theory (4) hrs, clinical (12) hrs

Lecturer Name: Dr. wurood Ali Mahmood

Tel:07711055504

Email: warud.ali@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description:

This course facilitates students' ability to conceptualize the experiences of individuals, families, communities, and populations living with health and illness. It emphasizes the integration of knowledge from other disciplines and of nursing science as the basis for practice. The course introduces the four core themes of the undergraduate nursing program engagement, inquiry, judgment, and voice and examines how the themes are used to characterize the nature of nursing practice

Course objectives: (max. 3-4 objectives)

1. Integrate use of nursing process, professional behavior, and evidence-based practice in the delivery of patient-centered, holistic care to adults with complex health problems.
2. Synthesize concepts of caring, critical thinking, and clinical decision-making as foundational in the care of acutely ill adults.
3. Analyze the relationships among disease process, clinical presentation, and nursing management of patients with selected major adult health problems.
4. Apply knowledge of the nursing management of selected, complex adult.

Class / Laboratory Schedule (nursing clinical in the teaching hospitals).

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	4	Introduction to adult nursing. Nursing process; definition, objectives and steps.
2	4	The patient with breast cancer: •Sign and symptoms. •Method of diagnosis. • Nursing care and rehabilitation.
3	4	Nursing care for patients with endocrine system disorders Nursing management for patients with diabetes mellitus.
4	4	nursing management for patient with the followings: Hyperthyroidism. Hypothyroidism. Hypo and hyper parathyroid disorders.
5	4	nursing care for patients with respiratory disorders Sign and symptoms. •Diagnostic tests.
6		Nursing care and rehabilitation for patient with: -bronchitis's -pneumonia -COPD
7	4	The patient with hepatobiliary disorders •Sign, symptoms and diagnosis of liver diseases. • Nursing care and rehabilitation for the following diseases: ➤ Pancreatitis. ➤ Hepatitis, ➤ Liver cirrhosis. ➤ Cholelithiasis and cholecystitis
8	4	Nursing management for patients with cardiovascular disorders: •Sign and symptoms. •Diagnostic tests. •Nursing care and rehabilitation for patient with ➤ Hypertension. ➤ Ischemic heart disease.
9	4	• Myocardial infarction. • Congestive heart failure. • Endocarditic.
10	4	Nursing management for patients with blood disorders •Blood and its contents •Diagnostic tests for blood disease. Nursing care and rehabilitation for patient with these diseases: Anemia and its types.

		Leukemia. Hodgkin's disease.
11	4	<ul style="list-style-type: none"> • Hodgkin's disease • Hemorrhagic disorder.
12	4	Rehabilitation in Nursing <ul style="list-style-type: none"> •Basic principle in rehabilitation nursing •Rehabilitation team • Prevention of complications and deformities.
13	4	Care of patients with cancer: <ul style="list-style-type: none"> •Definitions. •Types. •Sign and symptoms.. •Method of diagnosis. Treatment and nursing management of patients with cancer
14	4	Nursing management for patient with digestive system disease. <ul style="list-style-type: none"> •Sign and symptoms, and diagnostic measures. •Nursing care for the patient with the followings: <ul style="list-style-type: none"> ➤ Hernia. ➤ Ulcerative colitis.
15	4	<ul style="list-style-type: none"> • Peptic Ulcer. • Acute Abdomen. • Irritable bowel syndrome.

Text Books

1. Brunner & Suddarth's Medical Surgical Nursing

Useful References 1. Lewis S, Heitkemper M, Dirksen S, Medical Surgical Nursing, 6th ed., Mosby St. Louis, 2004.

2-Handbook for Brunner and Suddarth's Textbook of Medical- Surgical Nursing, 12th Edition-Suzann

3. Handbook for Brunner and Suddarth's Textbook of Medical- Surgical Nursing, 14th Edition-Suzann

Grading Policy

Assignments	(list number of assignments and the grade per each)
%	
Quizzes	(list number of quizzes and the grade of each) %
Midterm Exam	20%
Final Exam	40%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Management and leadership

Department/ College: Al-Farabi University /College of nursing

Credit Hours: 3

Course Calendar: (Total number of hours per week, no. of weeks in the semester, theory hrs, lab hrs)

Lecturer Name: Alaa Sabah Ghazal

Tel:07731311988

Email: alaa.sabah@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description: (Describe the importance of the course in two or three sentences)

This course introduces students to the fundamental principles of management and leadership. It explores how organizations function, how managers plan and make decisions, and how leaders inspire and influence others to achieve goals.

Course objectives: (max. 3-4 objectives)

1. By the end of this course, students will be able to Understand core management functions (planning, organizing, leading, controlling)
2. Differentiate between management and leadership
3. Apply leadership styles in different situation
4. Develop communication and decision-making skills
5. Analyze real-world organizational challenges

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1.	1.	Leadership and Management in Nursing Define management, Identify functions for each phase of the management process. , Know how to be a better manager. , Identify the levels of management. , Describe the epidemiological triad and the variations among its elements
2.	2.	Management Theories, Identify the types of management theories. , Know what is the global theory of management. , Identify the levels of management. Describe the epidemiological triad and the variations among its elements.
3.	3.	How to Management, Things to Do Today to Be a Better Manager. Manager's Roles, Identify the manager roles

		determined by Henry Mintzberg , Identify the categories of the manager roles.
4.	4.	Management Skills Pyramid, Identify the management skill pyramid as a guide in the working environment. , Describe the development of management skills through the pyramid.
5.	5.	Electronic Management, Define the electronic management. , List the components of electronic management.
6.	6.	Change Management, Define the process of change management. Identify the types of the organizational change. , Explain the five steps of change management. , Know the common examples when change management is needed in the work environment.
7.	7.	Risk Management, Define the meaning of risk management. Identify the importance of change management. , What are the basic methods of risk management
8.	8.	Job Description and Analysis, Define the meaning of job description. , List the job description components. , How to develop the job description. , Know the job analysis in the work environment.
9.	9.	Time Management. Define the process of time management. Identify the benefits of time management. , Identify bad time management. Know the skills needed for time management.
10.	10.	Strategic Management, Define the strategic management. , Identify the levels of strategic management. , Explain the stages and activities in strategic management. , Know the common examples when change management is needed in the work environment.

Text Books

1. BusinessDictionary.com (2016) defines management as “the organization and coordination of the activities of a business to achieve defined objectives” (para. 1). This definition implies that management is the process of leading and directing all or part of an organization, through the deployment and manipulation of resources.

Useful References

1. Robbins, S. P., & Coulter, M. (2018). Management (14th ed.). Pearson.
2. OpenStax. (2019). Principles of Management. Rice University.
3. Bennis, W. (2009). On Becoming a Leader. Basic Books.

Grading Policy

Assignments	(list number of assignments and the grade per each) %
Quizzes	(list number of quizzes and the grade of each) %
Midterm Exam	40%
Final Exam	60%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Obstetrics and Gynecology Nursing

Department/ College: Al-Farabi University / College of Nursing

Credit Hours: 7hr

Course Calendar: (Total number of hours per week, no. of weeks in the semester, theory hrs, lab hrs)

Lecturer Name: Dr. Anwar Saad Qasim

Tel: 07700098202

Email: anwar.saad@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description:

This course facilitates students' ability to conceptualize the experiences of individuals, families, communities, and populations living with health and illness especially Mother and newborn.

Discuss the detailed information & knowledge about obstetrics & gynecology as lectures. Specific practice & training in the field of history taking, examination & communication with the patients as subgroups.

Course objectives: (max. 3-4 objectives)

1. To assist nursing students to acquire a comprehensive knowledge and skill necessary in Assessment and management with normal women during Obstetrics status
2. To assist nursing students to acquire a comprehensive knowledge and skill necessary high risk women
3. To assist nursing students to acquire a comprehensive knowledge and skill necessary high risk women Gynecology status
4. High level of scientific knowledge and High level of practical skill

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	2	Introduction To Maternal & Neonatal Nursing: Family Concept. Family centered maternity care. Care for family as part of community. Preconception
2	3	Reproductive system: • Revision of anatomy & physiology of reproductive system

		• (male & female) Menstrual cycle.
3	3	Pregnancy:(Normal& complicated) • Development & physiology of fetus.
4	3	• Normal Pregnancy (physiological & physiological changes) • Prenatal care.
5	3	Gynecological disorders: .Nursing care for common gynecological disorders (prolapsed of the genital tract, benign and malignancy of genital tract and menstrual disorders), and Infertility
6	4	• Nursing care during complications of pregnancy (Ant partum • Hemorrhage, pregnancy Induced Hypertension, Gestational • diabetes, Urinary Tract Infection, anemia).
7	3	Labor & delivery:(Normal & complication) Theories of labor onset. • Signs of labor. • Components of labor. • Stages of labor. • Nursing management of each stage of labor. Role of the nurse in delivery room
8	3	• .Infection and pollution prevention & control in the delivery Room. • Nursing management during complicated labor and delivery. • .Using of partograph in labor. • Antepartum hemorrhage. • Postpartum hemorrhage. • Infections
9	4	Obstetrical operation: Nursing care during obstetrical operation (Episiotomy, forceps, c /s and induction and Augmentation of labor). Obstructed Labor
10	3	Puerperium: Physiologic and psychological changes during puerperium.
11	3	Nursing management during normal puerperium. Nursing management during complicated puerperium (ppH),
12	6	Neonatal nursing care: Physiological changes and adaptation to extra uterine environment. .Nursing assessment and management of neonate. .Immediate and daily neonatal care. .Nursing assessment and management of high risk neonate.

		.Regulation of birth and death certificate for newborn and its importance.
13	3	Family planning: .Objectives of family planning in Iraq. .Contraceptive methods in Iraq, including emergency contraceptive. .Advantages and disadvantages of each method. .Role of nurse in family planning in primary health care centers and hospitals, including health education and counseling.

Text Books

1. Family-Centered Maternity Care , By Bonita Katz, IAT, ICCE, ICD (Phillips, 2015)
-maternal newborn nursing , the critical component of nursing care, 2nd edition ,2013
2. - Women's Health, A Special Addition to Staying Healthy: An English Learner's Guide to Health Care and Healthy Living Naomi Soto, Maria Koonce, Gregory Smith

Useful References

1. - AACN (American Association of Colleges of Nursing). 2006. The Essentials of Doctor Education for Advanced Nursing Practice .
<http://www.aacn.nche.edu/DNP/pdf/Essentials.pdf> (accessed May 20, 2015).
2. Whaley & Wong (2017). Nursing Care of Infants and Children. St. Louis. Mosby Company
3. - Obstetric and Gynecological Nursing .Meselech Assegid , Alemaya University ,the Ethiopia Ministry of Education ,2016

Grading Policy

Assignments	(list number of assignments and the grade per each) 10 %
Quizzes	(list number of quizzes and the grade of each) 10 %
Midterm Exam	20%
Final Exam	60 %

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Psychiatric and Mental Health Nursing

Department/ College: Department of Nursing / College of Nursing

Credit Hours: 3 Credit Hours

Course Calendar: 12 hours per week | 15 weeks per semester | 3 Theory hrs | 12

Clinical

Lecturer Name: Shatha salah Jasim

Tel:07742312730

Email: shadha.salah@alfarabiuc.edu.iq

Course Prerequisites: (Introduction to Psychology).

Course Description: This course focuses on the promotion of mental health and the nursing care of individuals experiencing acute and chronic mental illnesses. It emphasizes the therapeutic nurse-patient relationship, communication skills, and evidence-based interventions in diverse psychiatric settings.

Course objectives:

1. Understand the fundamental theories of human behavior and psychiatric nursing.
2. Develop professional therapeutic communication skills for interacting with psychiatric patients.
3. Apply the nursing process to provide comprehensive care for patients with various mental disorders.
4. Discuss legal, ethical, and cultural issues related to mental health practice.

Class / Laboratory Schedule

Theory: 1 session per week (3 hours duration).

Clinical/Lab: 2 session per week (12 hours duration in a psychiatric hospital).

Course Content & Outlines:).

Week No.	Lecture No.	Chapter / Lecture Topic
1	1	Foundations of Psychiatric–Mental Health Nursing
2	2	Neurological and Psychosocial Theories
3	3	Building the Nurse-client Relationship Therapeutic Relationship
4	4	Trauma and Stressors-Related Disorders

5	5	Anxiety Disorders and Related Disorders
6	5	Phobias
7	6	<u>Obsessive-compulsive Disorder (OCD) and Related Disorders</u>
8	7	Schizophrenia spectrum and Related Disorders
9	8	Mood Disorders (Depression and Mania) and suicide
10	9	Addiction and Related Disorders
11	10	<u>Cognitive disorder (neurocognitive disorders (NCDs)</u>
12	11	Somatic symptom illnesses

Text Books

1. Videbeck, S. L. (2023). Psychiatric-Mental Health Nursing (9th ed.): Philadelphia, PA: Wolters Kluwer. ISBN-13: 978-1-9751-8477-3- Sheilla 2023

Useful References

1. American Psychiatric Association (APA) - DSM-5-TR.
2. Journal of Psychiatric and Mental Health Nursing.

Grading Policy

Assignments	10% (2 Case Studies at 5% each)
Quizzes	10% (10 Quizzes)
Midterm Exam	20%
Final Exam	40%

Academic Policy

Please refer to Al-Farabi policy information on ;

Attendance: Strict adherence to the 75% attendance rule for both theory and clinical sessions.

Missed Tests: Documentation for medical emergencies is required for re-evaluation.

Ethical Behavior: Confidentiality regarding patient information is mandatory; any breach of ethics in clinical areas will lead to failure.

Course Syllabus

Course Code & Title: pathophysiology syllabus

Department/ College: Al-Farabi University / College of Nursing

Credit Hours: total (2) credits

Course Calendar:

Total (2) Hours weekly of (15) weeks.

Theory (2) hrs

Lab (-) hrs

Clinical (-) hrs

Lecturer Name: Dr. Taha Qassim Ahmed

Tel:07832825310

Email: tahaqassim19@yahoo.com

Course Prerequisites: there is no need.

Course Description:

This course is designed to provide the nursing students with a comprehensive knowledge with the principle and basic concepts in pathology and evolution of physiological alteration associated with altered health and diseases, in addition to physiological changes associated with different pathological conditions such as disorder in GIT and skeleton diseases, and respiratory diseases.

Course objectives: (max. 3-4 objectives)

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

4. Understand the principle of basic pathology
5. Know the physiological alteration of various pathological conditions.
6. Get to know a variation of diseases that affect the human body.

Course Content & Outlines:

Week No.	Lecture No.	Chapter / Lecture Topic
1	Part 1	The cell / components of the cell adaptation atrophy hypertrophy, injury and cell death.
2	Part 2	In Flammarion / types of Flammarion , phagocytosis , out come of inflammation, repair , wound healing.
3	Part 3	Genes and genetic diseases/ morphology of gene , types of cell division , chromosomal abnormality.
4	Part 4	Neo aplasia (tumor) / types of tumors , characters of benign and malignant tumors , oncogenesis , causes of neoplasia , grading and staging of tumors.
5	Part 5	Disorders of red blood cells / hemoglobin oxidation , anemia causes types and treatment.
6	Part 6	Disorders of white blood cells and lymphoid Issues / neutron penia , leukemia's , lymphomas.
7	Part 7	Is orders of blood glow / atherosclerosis , aneurysm, hypertension alteration in cardiac function.
8	Part 8	Immunodeficiency / causes and types.
9	Part 9	Hypersensitivity and autoimmune disorders / types and causes of hypersensitivity , diagnosis and treatment.
10	Part 10	Kidney / morishology of kidney , renal abnormalities clinical manifestations.

Text Books

- 1.pathology (fifth edition) Arthur . S.schneider / Philip A-szanto
- 2.medical physiology Q& A coabi N. waite mariq sheakly.

Useful References

- 1.Liprary of AL- Farabi collage
2. Lectures od the nursing college of University of Baghdad.
- 3.google and other media.

Grading Policy

Assignments	(many reports by the students 10 degree
Quizzes	many Quizzes 10 degree
Midterm Exam	including the degrees of reports and quizzes 50%
Final Exam	50%

Course Syllabus

Course Code & Title: Professional perspectives and Issues in Nursing

Department/ College: Al-Farabi University /College of nursing

Credit Hours: 2 hours

Course Calendar: (Total number of hours per week, no. of weeks in the semester, theory hrs, lab hrs)

Lecturer Name: Alaa Sabah Ghazal

Tel:07731311988

Email: alaa.sabah@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description: (Describe the importance of the course in two or three sentences)

This course presents concepts underlying professional nursing practice and assists the students in developing their own roles as professional nurses. The content of the course builds on the students' previous knowledge and experiences in nursing. It provides a scholarly perspective to enable students moving from a nursing technical and practical point of view to a professional view.

Course objectives: (max. 3-4 objectives)

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

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1.	1.	Professional Nursing Practice , Define nursing , Recognize characteristics of a professions, Identify the scope of nursing practice, Distinguish the standards of professional nursing practice.
2.	2.	Care and Caring in Nursing Practice
3.	3.	Healthy Work Environments for Nursing Practice , define the healthy work environment, recognize the factors influence healthcare work environments, and demonstrate the fatigue in nursing, the workplace violence and incivility, and optimal staffing.
4.	4.	The Code of Ethics for Nurses , conclude the benefits of the code of ethics, categorize the list of provision, distinguish the functions of each provision.
5.	5.	Professional Competence in Nursing Practice, recognize nurse's role in professional competence, distinguish the attributes of competent nurse.
6.	6.	Information Technology in the Clinical Setting, Electronic health record (EHR), Key Functions of the HER.
7.	7.	Pathway to Excellence Program, American Association of Critical-Care Nurses Standards.
8.	8.	The Function of Competencies in Standards, Integrating the Art and Science of Nursing,
9.	9.	Planned change. Characteristics of A planned change , Steps in Planned Change.
10.	10.	Chaos and Complexity.

Text Books

1. Professional perspectives and Issues in Nursing book

National committee of nursing colleges

Useful References

1. Catalano, J. T, Ethical & legal aspects of nursing a study & learning tool, spring house corporation, united stste,1991
2. Creasia, J and Parker B, Conceptual Foundations of Professional Nursing Practice, 2nd ed., Mosby, New York, 1996
3. - Oermanm, Marilyn H., Professional Nursing Practice, 10th ed., New York, Appleton & Lange, 1997.

Grading Policy

Assignments	(list number of assignments and the grade per each) %
Quizzes	(list number of quizzes and the grade of each) %
Midterm Exam	30%
Final Exam	70%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Pediatric Nursing

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: 15 credits/12 clinical /3 theory

Course Calendar: (Total (15) Credits, Theory (1), Lab (1), Clinical (2))

Lecturer Name: Dr. Mohammed Aziz Hassan

Tel: 07713737626

Email: Mohamed.azaiz@alfarabiuc.edu.iq

Course Prerequisites: this course provides the students with basic knowledge related to child and adolescent needs and problems during different stages of child life

Course Description: (Describe the importance of the course in two or three sentences)

This course is designed to assist the 3rd years students to acquire the basic knowledge, concept and understanding of the health problems associated with stage of growth and development

Course objectives: (max. 3-4 objectives)

1. identify the basic child's needs
2. assess the child and adolescent physically
3. outline the communication techniques to deal with child and adolescent
4. utilize the nursing process to deal with child health problems

Class / Laboratory Schedule (Total (5) Credits, Theory (2), Lab (1), Clinical (2)).

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1-3	1	Part 1. Introduction to Child Health Nursing. Perspectives of Pediatric Nursing Communication with children Immunization & immunity
4-6	2	Health assessment of the child
7-8	3	Child with Respiratory dysfunctions: Upper Airway Infections (common cold, tonsillitis, otitis media) Lower Airway Infections (pneumonia, asthma, bronchitis, bronchiolitis)
9-11	4	:Child with Gastrointestinal dysfunction Gastroenteritis, cleft lip and palate, pyloric stenosis, Hirschsprung disease, imperforated anus, intussusception, celiac disease
12-15	5	:Child with Blood dysfunction (iron deficiency anemia, thalassemia, hemophilia, sickle cell anemia, glucose 6 phosphate dehydrogenase)

Text Books

- 1-Marlow, D., R., Text book of Pediatric Nursing, 5th ed Philadelphia: W. B. Saunders Company, 1983.
- 2-Schulte, E., B.; Price, D., L., and James, S., R., An introductory Thompson's Pediatric Nursing Text Book, 7th ed., Philadelphia: W. B. Saunders Company, 1997

Useful References

- 1-Gupte, S., The short textbook of pediatrics, 5th ed., New Delhi: Jaypee Brothers, 1985.
- 2-Ball, J., and Bindler, R., Pediatric nursing caring for children, 2nd ed., Stamford: Appleton and Lange, 1999.
- 3-Wong, D., L.; Hockenberry- Eaton, M.; Wilson, D.3 Winkelstein, M., L. and Schwartz, P., Wong's Essential of Pediatric Nursing, sixth ed., St. Louis: Mosby, 2001.
- 4-National comprehensive cancer network(2006) Acute myeloid leukemia. Clinical practice Guidelines in oncology <http://www.nccn.org/professionals/physician>.
- 5- Daltla, P., textbook of pediatrics nursing, 2ed ed., NewDelhi: Jaypee Brothers,

Grading Policy

Assignments	10 %
Quizzes	10 %
Reports	10 %
Clinical evaluation	10 %
Midterm Exam	20 %
Final Exam	20% theory
20 % clinical	

Course Syllabus

Nutrition and Diet Therapy

This course will provide the student with basic knowledge related Nutrition and Diet Therapy

1. Institution Name	Al-Farabi University
2. College Name	Nursing
3. Course Code & Name	Nutrition and Diet Therapy
4. Lecture Type	Semesters
5. Semester/Year	First Semester\2025-2026
6. No. of credit hours	Theory (2) hrs. Total of credits (2)hrs.
7. Instructor Name 8.email:	Dr.Raya Khudhair Mohsin raya.khudair@alfarabiuc.edu.iq

8. Course Objectives

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

This course is designed to introduce the nursing student to clinical dietary and nutritional principles and their role for proper growth and development as well as maintenance of health. Through the processes of understanding and application students will learn how these factors influence a patient's overall health status across the life span

9. Student Learning Outcomes, Teaching/Learning Methods, and Assessment

A. Knowledge Outcomes: Upon completion of the course, students should be able to:

Utilize the knowledge gained from the study of Nutrition and Diet Therapy in nursing care of individuals.

Teaching/learning methods

1. Lectures.
2. Class problem-solving.
3. Discussion

Assessment methods

1. homework problem sets,
2. exams
3. lab reports

C. Affective value outcomes: Upon completion of the course, students should be able to apply:

1. best methods to study natural sciences
2. Critical Thinking
3. Analytical methods in solving problems

Teaching/learning methods

1. Brain storming
2. Encourage Critical thinking
3. Encourage analytical thinking strategy
4. Introduce correct research methodologies

Assessment methods

1.Exams

2. Student feedback
3. body language
4. laboratory reports / studies

D. Life learning outcomes: Upon completion of the course, students should be able to:

1. Work within teams
2. Write academic reports
3. Analyse and verify scientific facts
4. Plan and organize time of study
5. Initiate new ideas and motivate others
6. conduct targeted searches of scholarly literature.

Week	Topics Covered
1	Fundamentals of Human Nutrition
2	Planning a Healthy Diet
3	Planning a Healthy Diet
4	Carbohydrate(digestion ,absorption and metabolism)
5	Lipids or (Fats digestion ,absorption and metabolism)
6	Proteins (digestion ,absorption and metabolism)
7	Vitamins(water soluble and insoluble)
8	Minerals (Bulk and trace)
9	Water and metabolism
10	Antioxidant Phytochemicals
11	The healthiest diet
12	Diet and Weight Control
13	Diet during Pregnancy and Lactation

10. Course Content

11. References

1. Textbooks	Nutrition and Diet Therapy book National committee of nursing colleges
2. References	1- .Dudek, S.G. (2014). Nutrition Essentials for Nursing Practice (7th ed.) Philadelphia, PA: Lippincott, Williams, & Wilkins. ISBN 978-1-4511-8612-3 2- .Mudambi, S. R. (2007). Fundamentals of foods, nutrition and diet therapy .New Age International Mahan, L. K., & Raymond, J. L. (2016). Krause's Food & the Nutrition Care .Process, Mea Edition E-Book

12. Course improvement plan

1. Assuring and enhancing the quality of the programme:

- 1- The programme is periodically reviewed by external examiners.
- 2- Annual evaluation of each unit by the coordinator.
- 3- Periodic programme reviews by academic staff.
- 4- External check up by the Quality Assurance of college.
- 5- The department external advisory panel, which includes representatives from students and industry and advisers on this course.
- 6- All academic staff regularly undergo observation **of their teaching by colleagues.**

Course Syllabus

Course Code & Title: human growth and development

College: Nursing College /Al Farabi University

Credit Hours: 9 hours\theory 3 hours\ clinic 6

Course Calendar: Total (9) hours weekly of (15) weeks\ Theory (3) hrs. \clinic. (6) hrs

Lecturer Name: Dr. Raya Khudhair

Tel: 07811813542

Email: raya.khudair@alfarabiuc.edu.iq

Course Prerequisites: 060330

Course Description: this course provides the students with basic knowledge related to human growth and development. It deepens their understanding about the human characteristics, needs, & their normal growth and developmental problems during different stages of human life

Course objectives:

1. Define the concepts of growth, development, and maturation, and differentiate them.
2. Understand psychosocial theories related to human growth and development.
3. Identify the patterns of growth and development.
4. State the principles of child development with examples.

Class / Laboratory Schedule (The Clinical Content

Well baby clinic (20) hrs.

Nursery school (8) hrs.

Kindergarten (8) hrs.

Schools (8) hrs.

Nursing homes (8) hrs.

Visit of the nutritional research institute (8) hrs.

Course Content & Outlines: Unit 1: Foundations of growth and development:

1 Definition of growth, development, and maturation.

2 Patterns of growth and development.

3 Stages of growth and development.

4 Prenatal period (embryonic stage).

5 Infancy period:

-Neonatal.

-Infant. 1 Earls childhood period:

-Toddler.

-Preschool

2 Middle child hood (school age) period.

3 Adolescence period. 4 Adulthood period.

5 Elderly period.

6 Influences on growth and development

-Hereditary factors.

-Genetic potentials.

-Environmental factors.

-Socioeconomic.

-Nutrition.

-Exposure to teratogens.

-Endocrine functioning.

-Infectious diseases and accidents.

(2) hrs.

Unit 2: growth and development measurement:

1 Growth chart (growth monitoring).

2 Measurement techniques.

3 Denver development screening test (DDST).

4 Measurement of height, weight, head circumference, chest circumference, thickness of skin fold, body mass index, arm circumference.

Unit 3: Developmental theories: (3)
hrs.

1 Theoretic Foundations of personality development: -Psycho sexual development theory (Freud's theory).

-Psychosocial development theory (Erickson's theory).

2 Theoretic Foundations of mental development:

-Cognitive development theory (Piaget's theory). -Moral development theory (Kohlbers theory).

Unit 4: Development implications of:

(1) hr.

3 Genetic codes.

4 Fetal growth and development (Development from conception to birth):

-Zygote to newborn.

-The germinal period. -The period of embryo.

-The period of fetus.

Unit 5: Infancy period (4) hrs.

1 Newborn:

-Appearance.

-Apgar score.

-Physical characteristics of newborn baby.

-Critical period.

-Birth problems and later handicapped.

-Sensory development.

-Central nervous system.

2- The infant (infancy period):

-Physical characteristics.

-Cognitive development.

-Psychosocial development.

-Common infant needs.

-Development problems.

Accidents and injuries. -

Unit 6: Early childhood Period

(5) hrs.

3 Toddler and preschool Development:

-Biophysical development.

-Psychosocial development.

-Moral development.

-Cognitive and Language development.

-Social and emotional development.

4 Toddler and preschooler needs.

5 Toddler and preschooler developmental problems.

6 Promoting healthy development and growth:

-Toddler nutrition.

-Preschooler nutrition.

-Immunization.

-Communication.

Unit 7: Middle childhood and latency period (the school age)
hrs

(4)

1 Biophysical development.

2 Psychosocial development.

Text Books

1. Hill, palty and Humphrey Patricia, Human Growth and Richard Fabes and Carol Lynn Martin, Exploring Child Development, 2nd ed., Person custom publishing, 2003.

2 .Schuster, Clara and Ashburn Shirley, the Process of Human Development, a Holistic Life Span Approach, Boston, Little Brown and company, 1986.

3 .Wong Donna L., et al, **Wong's Essentials of Pediatric Nursing, 6th ed.,**

Useful References

1. Scale, tape measurement, calibers, growth chart, Denver Development screening test (chart), raisin, ball, different Animals' pictures

Grading Policy

1 theory exam. 10%

2nd theory exam. 10%

Project 5%

Class activities 5%

Final theory exam. 20%

Final clinical exam 20%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: (060325) Health Sociology

Department/ College: Nursing College

Credit Hours: 2 hours Credit

Course Calendar: (2 hours weekly for 15 weeks)

Lecturer Name: Prof. Dr. Khalida A. Mansour & Dr. Anwar Saad Qasim

Tel: 07901553479

Email: khalida.alwan@alfarabi.uc.edu.iq

Course Prerequisites: (no requirement for taking a course before this course,

This course provides students with a conceptual framework of sociology and its applications to different aspects of social life. Emphasis is applied on concepts related to rights/ rules issues and interpersonal relationships among health team and between the nurse and clients

It identifies the health and disease in a social context, explores their reflection on different individuals, groups and communities, and determines the role of community in the health services as well. This course enables students to identify, predict, criticize and respond to the health problems of the society.

Course objectives

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

1. Understand certain concepts of sociology.
2. Identify the components of a society. and determine the importance of sociology on the nursing profession. And recognize the interpersonal relationships among the health team and between the nurse and clients.
3. Determine the rights and roles of clients, nurses, and other health team. And develop positive attitude
4. Analyze critically common health problems of the Iraqi society.
5. Suggest solutions to the health problems of the society depending on scientific base.

Class / Laboratory Schedule

No Laboratory Schedule

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1		1. Introduction to illness, sociology of health, healing and medical sociology
2		2. Social epidemiology, society, disease and illness
3		3. The social demography of health, social conditions as causes of diseases
4		4. Illness behavior and the sick role
5		5. The aesthetic of illness and experiencing illness and disability
6		6. Education and health
7		7. Health behavior and lifestyle
8		8. Healing options
9		9. Social Stress
10		10. Stress, coping, and social support process
11		11. Religion, health, and nonphysical sense of self
12		12. Nurse-patient interaction
13		13. Health care delivery and social policy
14		14. Satisfaction in a changing health environment
15		15. The social implication of advanced health

Text Books

1. Peter Conrad & Valerie Leiter; The Sociology of Health and Illness: Critical Perspectives, 2012
2. Anne-Marie Barry & Chris Yuill; Understanding the Sociology of Health: An Introduction, 2012

Useful References

1. Editors: Chloe E. Bird, Peter Conrad, Allen M. Fremont (and others) Handbook of Medical Sociology, 2010.
2. William C. Cockerham ;The Wiley Blackwell Companion to Medical Sociology, 2021

Grading Policy

Assignments	(one assignments for each student) 5 %
Quizzes	(five quizzes) 5%
Midterm Exam	20%
Final Exam	70 %

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: (NUR108) Fundamentals of nursing 2

Department/ College: Nursing College

Credit Hours: 8 Credit

Course Calendar: (16 hrs. per week, for 15 weeks in the semester, theory 4 hrs,
clinical 12 hrs)

Lecturer Name: Prof. Dr. Khalida A. Mansour & Prof. Dr. Elham Amin Jadoua

Tel: 07901553479

Email: khalida.alwan@alfarabiuc.edu.iq

Course Prerequisites:

This course serves as a base for other nursing courses. The course emphasizes on the nature of the client's needs, and interventions required for utilizing the patterns of functional health. This course also provides laboratory and clinical guided experiences which helps the nursing student in integrating the basic nursing concepts into practice.

Course Description: (Describe the importance of the course in two or three sentences)

Course objectives: (max. 3-4 objectives)

Upon Completion of this course the student will be able to: -

1. Recognize the principle underlying all nursing intervention procedures related to providing care to client in adult nursing care.
2. Develop an awareness concerning the importance of health promotion for the adult nursing care.
3. Apply a systematic approach of analyzing the patients problems
4. Perform basic nursing skills related to various client conditions.
5. Provide a safe & therapeutic environment for client care.
6. Demonstrate the use of principles accurately in reporting & recording nursing action, intervention, and clients' response.

Class / Laboratory Schedule (4 hrs. theory and 12 hrs, Nursing clinical in the teaching hospitals)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1		1. Nursing process 2-Pre and post-operative nursing care, Type of surgery Preoperative phases
2		1.Intraoperative phases 2. Post-operative phases
3		Oxygenation 1.Overview of anatomical and physiological of breathing 2.Assessing oxygenation
4		3. Oxygen therapy 4.Alternation in respiratory function
5		Nutrition 1.Human nutritional needs .2.Nutritional standards 3.Nutritional status assessment
6		1.Factors affecting nutrition 2.Management of problems interfering with nutrition 3.Common hospital diets
7		Fluid and chemical balance 1.Body fluid, electrolytes and acid-base balance 2.Fluid volume assessmen
8		3. Factors affecting body fluid, electrolytes and acid-base balance 4.Common fluid imbalance
9		Exam (1)
10		Patient's needs Rest and sleep 1.Physiology of sleep 2.Functions of sleep, sleep phases, sleep cycles 3.Factors affecting sleep 4.Sleep assessment 1.5.Common sleep disorders
11		Urinary elimination 1.Overview of urinary elimination 2.Characteristics of urine 3.Abnormal urinary elimination patterns 4.Assisting clients with urinary elimination
12		Bowel elimination 1.Physiology of defecation 2.Assessment of bowel elimination 3.Common alterations in bowel 4.Measures of promote bowel elimination 5.Ostomy care
13		Pain management

		1. The process of pain 2.Pain theories 3.Types of pain 4. Pain assessment 5.Pain management
14		Death and dying 1.Terminal illness and care 2.Stage of dying 3.Promoting acceptance 4.Grieving
15		Exam (2)

Text Books

1. Kozier B, Erb, G, Berman A, etal. Fundamentals of Nursing,11th Ed, New York, Pearson Education, 2022
2. Kozier B, Erb, G, Berman A, etal. Fundamentals of Nursing, 7th Ed, New York, Pearson Education, 2004.
3. Timby B., Fundamental Nursing Skill & Concepts , Philadelphia , Lippincott Williams , Wilkins , 2005 .
4. Perry, A. & Potter P.: Clinical Nursing Skills Techniques, 9th ed. London, Mosby, 2017.
5. Articles related to the different topics from nursing Journals.

Useful References

1. Perry, A. & Potter P.: Clinical Nursing Skills Techniques, 9th ed. London, Mosby, 2013.
2. Perry, A. & Potter P.: Clinical Nursing Skills Techniques, 10 th ed. London, Mosby, 2020

Grading Policy

Assignments	(2 assignments and the grade of all each) 5 %
Quizzes	(5 quizzes and the grade of all) 5%
Midterm Exam	10 %
Clinical Exam	20
Theoretical Final Exam	20%
Clinical Final Exam	40%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus
طرائق البحث العلمي

Course Code & Title: 060324 طرائق البحث العلمي

Department/ College: تمريض الام والوليد / كلية التمريض

Credit Hours: 2 Credit

Course Calendar: 2 ساعة اسبوعيا

2 ساعة نظري اسبوعيا لمدة 15 اسبوع

Lecturer Name: م د أنوار سعد قاسم & ا.د. خالدة علوان منصور

Tel:07901553479

Email: khalida.alwan@alfarabijuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

لا توجد

Course Description: (Describe the importance of the course in two or three sentences)

يعد البحث العلمي المحرك الفاعل لتقدم المجتمعات البشرية وتطورها، والدعامة الأساسية للارتقاء بإمكانيات قطاعات الدولة كافة. ان تدوين البحث العلمي تقتضي من الباحث اكتساب قيم معينة، ومهارات دقيقة ومحددة في كيفية جمع المعلومات واستنباطها، وتوظيفها وإثبات مصادرها. وللبحث العلمي خصائص ومناهج وخطوات معينة يتوجب على الباحث الالتزام بها للوصول إلى بحثٍ علمي مستوفي شروطه الشكلية والموضوعية.

Course objectives:

1. تعليم طلبة التمريض منهجية البحث العلمي
2. مساعدة طلبة التمريض للتوجه نحو البحث العلمي لكون التمريض مجال علمي يحتاج الى اكتشاف الحقائق العلمية
3. مساعدة الطلبة في اجراء مشاريعهم البحثية والتي هي جزء من متطلبات التخرج.

Class / Laboratory Schedule

(لمدة فصل دراسي واحد 15 اسبوع)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.		Chapter / Lecture Topic
1	<ul style="list-style-type: none"> •The concept of scientific research •Characteristics of scientific research •Objectives of scientific research Scientific research steps and procedures	<ul style="list-style-type: none"> • مفهوم البحث العلمي • خصائص البحث العلمي • اهداف البحث العلمي خطوات البحث العلمي والاجراءات المتبعه
2	<ul style="list-style-type: none"> •Nursing and scientific research The importance of scientific research in nursing The relationship of scientific research with practical nursing practices •Future prospects for nursing research	<ul style="list-style-type: none"> • التمريض والبحث العلمي • اهمية البحث العلمي في التمريض • علاقة البحث العلمي بالممارسات العملية في التمريض • الافاق المستقبلية لبحوث التمريض
3	Scientific research problem <ul style="list-style-type: none"> •Concept of research problem • Sources of research problems (personal experience, previous studies, theories, 	مشكلة البحث العلمي <ul style="list-style-type: none"> • مفهوم مشكلة البحث • مصادر المشاكل البحثية(التجربة الشخصية ، الدراسات السابقة ، النظريات ، الانترنت) اهمية مشكلة البحث العلمي
4	Scientific research variables The independent variable, the dependent variable, the contingent variables, and the extraneous variables *Evidence study Its concept, objectives, method of design and procedure for the whole study	متغيرات البحث العلمي المتغير المستقل ، المتغير التابع ، والمتغيرات الدخيلة *الدراسة الدليلية مفهومها ، أهدافها ، طريقة تصميم وأجراء لكل الدراسة .
5	The use of scientific references the main objectives of the scientific references How to write scientific references How to write sources in scientific research	استخدام المراجع العلمي اهداف الاساسيه المتوخاة من المراجع العلمي طريقة كتابة المراجع العلمي كيفية كتابة المصادر في البحوث العلمية
6		الامتحان الأول
7	Hypothesis formation	تكوين الفرضيات

	<p>The concept of hypothesis</p> <ul style="list-style-type: none"> •Objectives of hypotheses in scientific research •Types of hypotheses inductive hypothesis, deductive hypothesis 	<ul style="list-style-type: none"> • مفهوم الفرضيه • أهداف الفرضيات في البحث العلمي • أنواع الفرضيات الفرضية الاستقرائية ، الفرضية الاستنباطية
8	<p>Methods and methods of scientific research</p> <p>Experimental research</p> <p>The most important characteristics of this research</p> <ul style="list-style-type: none"> •How to set up the experimental research framework •The most important benefits of experimental research 	<p>مناهج واساليب البحث العلمي البحوث التجريبية</p> <p>واهم صفات تلك البحوث</p> <ul style="list-style-type: none"> • كيفية وضع إطار البحث التجريبي • أهم فوائد البحث التجريبي
9	<p>quasi-experimental research</p> <p>The importance of this type of research</p> <ul style="list-style-type: none"> *The method of conducting these surveys research <p>Its most important descriptive, explanatory, predictive and exploratory functions</p> <ul style="list-style-type: none"> *Techniques used in conducting survey research 	<p>البحوث شبه التجريبية</p> <ul style="list-style-type: none"> • اهمية هذا النوع من البحوث * طريقة اجراء تلك البحوث المسحية *اهم وظائفها الوصفية والشرحية والتنبؤية واستكشافية * التقنيات المتبعة في اجراء البحوث المسحية
10	<p>retrospective research</p> <ul style="list-style-type: none"> *Data collection method **Comprehensive inventory method * *Sampling style 	<p>البحوث الارتجاعية</p> <ul style="list-style-type: none"> *اسلوب جمع البيانات **اسلوب الحصر الشامل * *اسلوب العينات
	<p>Scientific research tools</p> <p>-1Questionnaire</p> <p>Attributes of the questionnaire</p> <p>The contents of the questions included in this form</p> <p>-2The style and concept of the interview are the most important advantages of the interview</p> <p>Disadvantages of the interview</p>	<p>ادوات البحث العلمي</p> <p>1-الاستبيان</p> <p>صفات الاستمارة الاستبائية</p> <p>محتويات الاسئلة التي تدرج في تلك الاستمارة</p> <p>2- اسلوب المقابلة ومفهومها اهم مزايا المقابلة</p> <p>عيوب المقابلة</p> <p>3-اسلوب الملاحظة</p>

	-3Observational style	
		الامتحان الثاني
	Writing scientific research)title, search components(Obstacles to scientific research	كتابة البحث العلمي (العنوان، مكونات البحث) معوقات البحث العلمي
	review article	مراجعة المادة

Text Books

1 البحث العلمي في التمريض المنهجية والأسلوب

(أعداد د. بدیعة محمد نجیب) 1990

Useful References

1. Polit D. F; Beck C.T., **Essentials of Nursing Research: Appraising Evidence for Nursing Practice** (2021)
2. Polit F.J, & Beck's C. T, **Nursing Research: Generating and Assessing Evidence for Nursing Practice** (2025)
3. Polit F.; Beck C T, **Essentials of Nursing Research: Appraising Evidence for Nursing Practice**(2014)

Grading Policy

Assignments	(list number of assignments and the grade per each) 5%
Quizzes	(list number of quizzes and the grade of each)5%
Midterm Exam	20%
Final Exam	70%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Microbiology II
Department/ College: Nursing / Al-Farabi University /College of Nursing
Credit Hours: 2 Units (Theory 2, Lab 2)
Course Calendar: Total (4) Hours, Theory (2), Lab (2), Clinical (0)
Lecturer Name: Asst. Lect. Bilal Majid Saeed
Tel: 07838804305
Email: bilal.magid@alfarabiuc.edu.iq

Course Prerequisites:

This course requires foundational knowledge from the first year, including Cell & Human Biology (cell structure, types, and genetics), Anatomy & Physiology (body systems and natural barriers), Biochemistry (biomolecules and pH), and Fundamentals of Nursing (basic infection control and vital signs).

Course Description:

This course is designed to study pathogenic microorganisms (including bacteria, viruses, fungi, and parasites) regarding their characteristics, transmission methods, and impact on the human body. It provides nursing students with the scientific basis to understand infection mechanisms and the immune system, enabling the strict application of sterilization and infection control procedures to ensure patient safety.

Course Objectives:

- Identify and study pathogenic microorganisms, their characteristics, and modes of transmission.
- Provide a scientific foundation for understanding infection mechanisms and the human immune response.
- Enable students to apply rigorous sterilization and infection control (Infection Control) protocols in clinical settings

Class / Laboratory Schedule:

Total (4) Hours per week: Theory (2) hours, Lab (2) hours, Clinical (0) hours.

Grading Policy:

Assessment Type	Weight / Grade
Semester S'ai (Total)	40%
- Theory Sessional Exam	20%
- Practical Sessional (Midterm 10%, Quizzes 5%, Attendance 5%)	20%
Final Examination (Total)	60%
- Final Theory Exam	40%
- Final Practical Exam	20%
Total	100%

Course Content & Outlines:

Week No.	Main Topic	Lecture Details & Themes
1	Introduction to Microbiology	Science definition, branches, microbial classification, and comparison between Prokaryotes & Eukaryotes.
2	Bacterial Cell Structure & Morphology	Sizes and shapes, Cell wall (Gram +ve vs -ve), Plasma membrane, Capsule, Flagella, and Spores.
3	Bacterial Physiology & Growth	Growth requirements (O ₂ , Temp, pH), Growth phases (Lag, Log, Stationary, Death), and Culture Media types.
4	Sterilization & Disinfection	Concepts, physical methods (Heat, Radiation, Filtration), chemical methods (Disinfectants), and infection control applications.
5	Antimicrobial Chemotherapy	Antibiotic classification, mechanisms of action, and antimicrobial resistance (AMR) mechanisms.

Week No.	Main Topic	Lecture Details & Themes
6	Microbial Pathogenesis & Infection	Sources of infection, transmission routes, virulence factors (Endotoxins & Exotoxins), and Infection vs. Disease.
7	Basic Immunology	Innate vs. Adaptive immunity, immune cell types, Antigens, Antibodies, and Vaccine types.
8	Midterm Exam	Comprehensive theoretical and practical exam covering weeks 1-7.
9	Gram-Positive Cocci & Bacilli	Staphylococcus, Streptococcus, and Spore-forming bacilli (Clostridium) and related diseases.
10	Gram-Negative Bacteria	Enterobacteriaceae (E. coli, Salmonella), Pseudomonas, Neisseria, and Vibrio cholerae.
11	Mycobacterium & Spirochetes	Mycobacterium tuberculosis and Treponema pallidum (Syphilis).
12	Introduction to Virology	General characteristics, structure, classification (DNA/RNA), and viral replication cycles.
13	Medically Important Viruses	Hepatitis (A, B, C), HIV, and Respiratory viruses (Influenza, Coronaviruses).
14	Medical Mycology	Fungal characteristics, superficial/cutaneous fungi, and opportunistic fungi (Candida albicans).
15	Parasitology & Nosocomial Infections	Introduction to parasites (Protozoa & Helminths). Healthcare-Associated Infections (HAIs) and nursing precautions.

Text Books:

1. **Medical Microbiology** - Patrick R. Murray, Ken S. Rosenthal, and Michael A. Pfaller.
2. **Basic Medical Microbiology** - Patrick R. Murray.
3. **Jawetz, Melnick, & Adelberg's Medical Microbiology** - Geo. F. Brooks, Karen C. Carroll, et al.
4. **Microbiology for Nurses** - V. Deepa Parvathi / Bailliere editions.

Useful References:

- **Clinical Microbiology Made Ridiculously Simple** - (Supplementary for mnemonic learning).
- **Lippincott Illustrated Reviews: Microbiology** - (Visual maps and diagrams).
- **CDC.gov & WHO.int** - (Guidelines for Infection Control and global disease updates).
- **Osmosis from Elsevier & SketchyMedical** - (Educational videos and visual learning).

1. أسم المقرر :منهج اللغة العربية	
2. رمز المقرر:	
3. الفصل / السنة: سنوي	
4. تاريخ إعداد هذا الوصف: 2026/4/18	
5. أشكال الحضور المتاحة: المرحلة الاولى	
6. عدد الساعات الدراسية (الكلية)/ عدد الوحدات (الكلية): ساعة أسبوعيا	
7. اسم مسؤول المقرر الدراسي: م.م. غفران هادي عبد الله	
8. أهداف المقرر	
أهداف المادة الدراسية	في نهاية السنة الدراسية سيتمكن الطلاب من :
1. معرفة الطلاب للقواعد النحويّة الأساسيّة للغة العربيّة . 2. تطبيق الطلاب لتلك القواعد على النصوص الشعريّة والنثرية . 3.اطلاع الطلاب على مفهوم الأدب وتطوره عبر العصور الأدبية، وكذلك معرفة أنواع الشعر عبر تلك العصور . 4.اطلاع الطلاب على أغراض الشعر العربي في العصور الأدبية.	
Module Learning Outcomes	أ- الأهداف المعرفية o المعرفة. o الفهم(الاستيعاب). o التطبيق والتحليل والتقويم . ب - الأهداف المهاراتية الخاصة بالمقرر o معرفة الطالب بقواعد اللغة العربية الاملائية والنحوية o تطبيق تلك القواعد بالشكل المطلوب . ج- الأهداف الوجدانية والقيمية • أن يحب الطالب مادة اللغة العربية. • أن يتفاعل الطالب مع طريقة عرض المادة الدراسية من قبل مدرس المادة . د - المهارات العامة والتأهيلية المنقولة (المهارات الأخرى المتعلقة بقابلية التوظيف والتطور الشخصي).

<ul style="list-style-type: none"> o التواصل اللفظي. • مهارة عرض الاسئلة الشفهية. 				
<ul style="list-style-type: none"> طرائق التعليم والتعلم • المحاضرة . • المناقشة . • الاستجواب . طرائق التقييم • الاختبارات الشفهية . • الاختبارات التحريرية(المقالية والموضوعية). 				Strategies الاستراتيجية
الأسبوع	الساعات	اسم الوحدة أو الموضوع	طريقة التعلم	طريقة التقييم
Week 1		همزة الوصل وهمزة القطع	طريقة المحاضرة	اختبار شفهي
Week 2		الهمزة الوسطى	طريقة المحاضرة	اختبار شفهي
Week 3		علامات الترقيم	طريقة المحاضرة	اختبار شفهي
Week 4		الفاعل وأنواعه في اللغة العربية	طريقة المحاضرة	اختبار تحريري
Week 5		الأفعال الخمسة	طريقة المحاضرة	اختبار شفهي
Week 6		جزم الفعل المضارع	طريقة المحاضرة	اختبار تحريري
Week 7		كان وأخواتها	طريقة المحاضرة	اختبار شفهي
Week 8		وما يلحق به جمع المذكر السالم	طريقة المحاضرة	اختبار شفهي
Week 9		وما يلحق به جمع المؤنث السالم	طريقة المحاضرة	اختبار شفهي
Week 10		التاء الطويلة والتاء المربوطة	طريقة المحاضرة	اختبار تحريري

	اختبار تحريري	طريقة المحاضرة	المبتدأ والخبر		Week 11
	اختبار شفهي	طريقة المحاضرة	الفاعل		Week 12
	اختبار تحريري	طريقة المحاضرة	إن، وأخواتها		Week 13
	اختبار تحريدي	طريقة المحاضرة	الأسماء الخمسة		Week 14
	اختبار تحريدي	طريقة المحاضرة	المفعول المطلق		Week 15
	اختبار شفهي	طريقة المحاضرة	اسم الفاعل		Week 16
	اختبار تحريدي	طريقة المحاضرة	صيغة المبالغة		Week 17
	اختبار شفهي	طريقة المحاضرة	الصفة المشبهة		Week 18
	اختبار تحريدي	طريقة المحاضرة	اسم المفعول		Week 19
	اختبار شفهي	طريقة المحاضرة	اسم التفضيل		Week 20
	اختبار شفهي	طريقة المحاضرة	اسم الفاعل		Week 21
	اختبار تحريدي	طريقة المحاضرة	صيغة المبالغة		Week 22
	اختبار شفهي	طريقة المحاضرة	الصفة المشبهة		Week 23
	اختبار شفهي	طريقة المحاضرة	مفهوم الادب وتطوره عبر العصور		Week 24
	اختبار تحريدي	طريقة المحاضرة	الشعر وانواعه في الادب العربي		Week 25
	اختبار شفهي	طريقة المحاضرة	الشعر في العصر الجاهلي والاسلامي		Week 26
	اختبار شفهي	طريقة المحاضرة	الشعر في العصر الاموي والعباسي		Week 27
	اختبار شفهي	طريقة المحاضرة	الشعر العربي الحديث		Week 28
	اختبار تحريدي	طريقة المحاضرة	اغراض الشعر العربي : 1. الهجاء		Week 29
	اختبار شفهي	طريقة المحاضرة	غرض الوصف و غرض الرثاء		Week 30

9. تقييم المقرر

توزيع الدرجة من 100 على وفق المهام المكلف بها الطالب مثل التحضير اليومي والامتحانات اليومية والشهرية .

10. مصادر التعلم والتدريس

تاريخ الأدب العربي ، تأليف : شوقي ضيف .
النحو العربي أحكام ومعان ، تأليف : د.مجد فاضل

الموجز في قواعد اللغة العربية ، تأليف : سعيد الأفغاني

Course Syllabus

Course Code & Title: Microbiology for Nurses II

Department/ College: College of Nursing

Credit Hours: 3

Course Calendar: (:Total (4) hours weekly for (13) weeks:Theory: (2) hours /Practical in the lab: (2) hours)

Lecturer Name: Dr. Anwar Mohammed Lazm

Tel: 07711582139

Email:

Course Prerequisites: -

Course Description: (Microbiology II course provides nursing students with the skills and knowledge about the principles of microorganisms reproduction, morphology, methods of transmission, diagnosis, prevention, control and treatment.Students also learn the most important parasitological and viral infections types in order to manage and prevent infectious diseases.)

Course objectives:

1. The student's knowledge of the different types of microorganisms and their scientific classification.
2. Understanding the physiological and nutritional requirements of these microorganisms in addition to the different environments in which these microorganisms may live.
3. State the sources and modes of transmission of pathogenic and opportunistic organisms including vectors and their role in transmission of diseases.
4. Learn about the life cycle, types of reproduction and transmission of microorganisms (parasites and viruses) and the optimal conditions for their living.

Class / Laboratory Schedule (Theory: (2) hours /Practical in the lab: (2) hours)

Course Content & Outlines:

Week No.	Lecture No.	Chapter / Lecture Topic
Week 1	1	Introduction to Parasitology Some terms of parasitology Types of parasites Routes and modes of infection

		Types of hosts Relationships between parasite and host Some epidemiological terms
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Week 2	2	<p>Classification of Protozoa General characters of protozoa Entamoeba histolytica, Entamoeba coli (Stages, life cycle, symptoms, pathology, diagnosis, prevention and control, and treatment) Balantidium coli (Life cycle, symptoms, diagnosis, prevention and control, and treatment)</p>
Week 3	3	<p>Intestinal flagellates / Giardia lamblia (Life cycle, symptoms, pathology, methods of diagnosis, prevention and control, and treatment) Luminal and atrial flagellates Trichomonas spp (T. hominis, T. tenax) Trichomonas vaginalis (Life cycle, symptoms, pathology, diagnosis, and treatment)</p>
Week 4	4	<p>Blood and tissue flagellates (Leishmania spp. and Trypanosoma spp.) Tissue flagellates: Leishmania donovani and Leishmania tropica (Stages, life cycle, symptoms, pathology, diagnosis, and treatment) Blood flagellates: African trypanosomiasis American trypanosomiasis (Stages, life cycle, symptoms, diagnosis, method of transmission)</p>
Week 5	5	<p>Apicomplexa general characters Plasmodium (four species) and diseases caused by each one (Life cycle and stages, symptoms, pathology, diagnosis, global malaria prevention and control, and treatment) Toxoplasma gondii (Life cycle and stages, symptoms, diagnosis, control and treatment)</p>
Week 6	6	Helminthes (metazoan) general structure

<p>Week 7 7</p>		<p>Phylum: Platyhelminthes (Flatworms)</p> <p><i>Class I: Cestoda (Tapeworms)</i> General structure Taenia saginata Taenia solium Hymenolepis nana Echinococcus granulosus (Life cycle, stages, symptoms, diagnosis, control and treatment)</p> <p><i>Class II: Trematoda (Flukes)</i> General structure Fasciola hepatica Schistosoma haematobium Schistosoma mansoni Schistosoma japonicum (Life cycle, stages, symptoms, diagnosis, control and treatment)</p>
<p>Week 8 8</p>		<p>Phylum: Nematelminthes (Nematodes) General structure Ascaris lumbricoides Ancylostoma duodenale Enterobius vermicularis Trichuris trichiura (Life cycle, stages, symptoms, diagnosis, control and treatment)</p>
<p>Week 9 9</p>		<p>Virology General properties of viruses (virus components) Virus-like particles (VLPs) Subviral particles (viroids and prions) Classification types Viral replication Effects of viruses on cells Persistent viral infections Common routes of viral infection in humans</p>

Week 10	10	Measles virus AIDS (HIV) Influenza virus (General structure, symptoms, methods of transmission and prevention)
Week 11	11	<ul style="list-style-type: none"> • Hepatitis A, B, C, D, E (General structure, methods of transmission and prevention) • Coronavirus <ul style="list-style-type: none"> • General structure • Types of human coronavirus causing severe symptoms • Coronavirus disease 2019 (COVID-19) • Prevention and treatment • Mode of transmission • Diagnosis •
Week 12		Exam

Text Books

1. Louise Hawley, Richard J. Ziegler & Benjamin L. Clarke (2014): *Microbiology and Immunology*, 6th edition.
2. Patrick R. Murray (2018): *Basic Medical Microbiology*, Elsevier.

Useful References

1. Essentials of Medical Microbiology, Apurba et al., second edition (2019)

Grading Policy

Assignments	2
Quizzes	(2 quizzes × 5% each = 10)
Midterm Exam	(3 exams × 10% each = 30)
Final Exam	(50% theoretical + 10% practical)

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: physiology

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: Total (32) credits

Theory (2) credits

Clinical (2) credits

Course Calendar: total (2×4) hrs., weekly of 6weeks: theory (2) hrs., clinical (2) hrs.for group A

: Total (2×4) hrs., weekly of 6weeks: theory (2) hrs., clinical (2) hrs.for group B

Lecturer Name: Anwar Sabah Hussien

Tel:07748972082

Email: Anwar. sabah@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description: (Describe the importance of the course in two or three sentences)

Physiology is an important course because it helps students understand how the human body and its organs function normally. It provides the scientific foundation needed for studying medicine, nursing, pharmacy, and other health sciences, and helps in understanding diseases and their treatment.

Course objectives:

- 1- To Understand the Basic Functions of The Human Body and Its Organ Systems.
- 2- To Explain How Different Body Systems Work Together to Maintain Normal Body Functions.
- 3- To Develop Knowledge of Physiological Processes Such as Circulation, Respiration, Digestion, And Nervous Control.
- 4- To Apply Physiological Concepts to Health, Disease, And Clinical Practice

Class / Laboratory Schedule (nursing clinical in the teaching hospitals).

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	1	Introduction to Physiology Definition and scope of physiology Levels of body organization Homeostasis and body functions
2	2	Cell Physiology Structure and function of cells Cell membrane and transport mechanisms
3	3	Nervous System Physiology Neurons and nerve impulses Central and peripheral nervous systems
4	4	Muscle Physiology Types of muscles Mechanism of muscle contraction
5	5	Cardiovascular Physiology Structure and function of the heart Blood circulation and blood pressure
6	6	First month exam
7	7	Respiratory Physiology Mechanism of breathing Gas exchange and transport
8	8	Digestive Physiology Functions of the digestive system Digestion and absorption
9	9	Renal Physiology Kidney functions Formation of urine and fluid balance
10	10	Endocrine Physiology Hormones and endocrine glands Regulation of body functions
11	11	Reproductive Physiology Male and female reproductive systems Reproductive hormones
12	12	Practical Applications and Clinical Physiology

Text Books

Berne & Levy Physiology – Provides detailed coverage of human physiology with clinical applications.

Useful References

. Ganong's Review of Medical Physiology – A concise and clinically oriented physiology reference.

Berne & Levy Physiology – Covers detailed physiological mechanisms and clinical applications.

MedlinePlus – Physiology and Human Body Resources – Educational health and physiology information for students.

Grading Policy

Assignments	(list number of assignments and the grade per each) %
Quizzes	5 %
Midterm Exam	15 theory, 40% clinical evaluation
Final Exam	20% theory final, 20% final clinical examine

Course Syllabus

Course Code & Title: medical terminology

Department/ College: Al-Farabi University /College of Nursing

Credit Hours: Total (24) credits

Theory (2) credits

Clinical (-) credits

Course Calendar: total (2×6) hrs., weekly of 6weeks: theory (2) hrs., clinical (-) hrs.for group A

: Total (2×6) hrs., weekly of 6weeks: theory (2) hrs., clinical (-) hrs.for group B

Lecturer Name: Anwar Sabah Hussien

Tel:07748972082

Email: Anwar. sabah@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description:

This course the students will be able to Identify risk factors and nursing interventions in promoting and maintaining health in a selected client population.

This course is important because it helps learners understand and use specialized terms accurately in their field of study or profession. It improves communication, translation, and comprehension skills by building a strong foundation in terminology and its correct application.

Course objectives

To introduce students to the concept and principles of terminology.

To develop the ability to understand and use specialized terms accurately in different fields.

To improve communication, translation, and research skills through the correct application of terminology.

Class / Laboratory Schedule (nursing clinical in the teaching hospitals).

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	1	Introduction to Terminology Definition of terminology Importance of terminology in different fields
2	2	2. Basic Concepts Term, concept, and definition Difference between general vocabulary and specialized terminology
3	3	. Types of Terminology Scientific terminology Medical terminology Technical and legal terminology
4	4	Applications of Terminology Translation and interpretation Research and academic writing.
5	5	Urinary
6	6	First month exam
7	7	Respiratory
8	8	Skeletal
9	9	Digestive
10	10	Cardiac

Text Books

Medical Terminology for Health Professions (by Ann Ehrlich & Carol L. Schroeder):

Useful References

MedlinePlus Medical Dictionary: A comprehensive dictionary of diseases, tests, symptoms, and injuries.

MedlinePlus Understanding Medical Words: A guide for breaking down words into prefixes, roots, and suffixes.

GlobalRPH Medical Terminology List: An A-Z guide focusing on medical roots, prefixes, and suffixes.

Grading Policy

Assignments	(list number of assignments and the grade per each) %
Quizzes	5 %
Midterm Exam	15 theory, 40% clinical evaluation
Final Exam	20% theory final, 20% final clinical examine

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: computer

Department/ College: Nursing

Credit Hours: 4

Course Calendar: (Total number of hours per week, no. of weeks in the semester, theory hrs, lab hrs)

Lecturer Name: Dr. Qassim Hadi

Tel: 07718806001

Email: qassimhadi1984@gmail.com

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description: (Describe the importance of the course in two or three sentences)

This course is considered one of the core subjects that contribute to developing students' knowledge and skills in their field of specialization. It provides them with essential scientific concepts and practical applications. It also enhances analytical thinking and problem-solving skills, enabling them to keep up with labor market requirements and modern developments in the field

Course objectives: (max. 3-4 objectives)

1. To develop students' understanding of fundamental concepts in their field of specialization.
2. To enhance practical skills through applied learning and problem-solving activities
3. To strengthen analytical thinking and the ability to evaluate and interpret information
4. To prepare students to meet the demands of the labor market and adapt to modern developments

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	1	Introduction and introductions the computer
2	2	A brief historical overview of computer
3	3	computer components and computer hardware components
4	4	software Entity and platform
5	5	digital ethics and egal violation in the digital world
6	6	Risks in the digital world and protection in the digital world

Text Books

1. Computer Fundamentals
2. Introduction to Computers

Useful References

1. Introduction to Computers
2. Computer Fundamentals
- 3.

Grading Policy

Assignments	(list number of assignments and the grade per each) %
Quizzes	(list number of quizzes and the grade of each) %
Midterm Exam	% 92
Final Exam	% 87

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: **NUR-404 Epidemiology**

Department/ College: Nursing

College of Nursing / Al-Farabi University

Credit Hours:3 Hours

Course Calendar: (Total number of hours per week, no. of weeks in the semester, theory hrs, lab hrs)

2 Theory Hours per week / 15 Weeks.

Lecturer Name: Dr. Zaid Jaber Hamid

Tel:07701270795

Email: zaid.jaber@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Fundamentals of Community Health Nursing

Course Description: (Describe the importance of the course in two or three sentences)
This course introduces epidemiological concepts and their applications in nursing and public health practice. It focuses on disease distribution, determinants of diseases, epidemiological measurements, outbreak investigation, and prevention strategies.

Course objectives: (max. 3-4 objectives)

1. Define epidemiological concepts and terminology.
2. Explain measures of disease occurrence.
3. Apply epidemiological principles in community health nursing.
4. Analyze public health problems using epidemiological methods.

Class / Laboratory Schedule (number of sessions each week and duration of each session)

One lecture weekly / 2 hours

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
1	1	Introduction to Epidemiology
2	2	History and Scope of Epidemiology
3	3	Measures of Disease Frequency
4	4	Incidence and Prevalence
5	5	Morbidity and Mortality Rates
6	6	Epidemiological Study Designs
7	7	Communicable Diseases
8	8	Non-Communicable Diseases
9	9	Outbreak Investigation
10	10	Screening and Surveillance

Text Books

1. Gordis L. Epidemiology.
2. Park K. Preventive and Social Medicine.

Useful References

1. WHO Epidemiology Manual.
2. CDC Principles of Epidemiology.
3. Community Health Nursing Textbooks.
4. Edelman, C. L., & Kudzma, E. C. (2018). Health promotion throughout the life span (9th ed.). St. Louis, Missouri, USA: Elsevier, Inc.
- 5 -Health Promotion in Nursing Practice.
6. Pender, N. J., Murdaugh, C. L., & Parsons, M. A. (2014). Health promotion in nursing practice (6th .ed.). Harlow, UK: Pearson Education Limited

Grading Policy

Assignments 10%

Quizzes 10%

Midterm Exam 30%

Final Exam 50%

Assignments	(list number of assignments and the grade per each) %
Quizzes	(list number of quizzes and the grade of each) %
Midterm Exam	%
Final Exam	%

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: Community Health Nursing

Department/ College: College of Nursing/ Family & Community Health Nursing

Credit Hours: 7

Course Calendar: Total (12) hrs Theory (3) hrs Lab. (-) hrs.

Lecturer Name: Mohammed Hamzah Mahdi

Tel: 07827605060

Email: mohamed.hamza@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description: (Describe the importance of the course in two or three sentences)

The course is designed to be a synthesis of community based and family focused for the goal of promoting and preserving their health. Developing the ability to assess the community needs and problems, prevent illness, maintain wellness, and promoting health through organized health efforts. The course focuses on the study of the family, its health and health care services as being presented to its members. The course deals with home visits and home health care as major areas of interest through which the family can benefit. Students will apply knowledge and skills to expand their understanding of caring for individuals, families, groups and the community as a whole in variety of community settings, such as primary health care center, school, family, workplace, and the environment.

Course objectives:

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

1. Describe the nature, philosophy and scope of community health nursing CHN
2. Discuss the definitions, functions, roles and trends of community health nursing.
3. Apply concepts of family, family health, community, community health, community health nursing practice.
4. Explore factors influencing families' health and describe nursing interventions to promote their health in different life stages .
5. Utilize the application of the nursing process to families, groups, aggregates and communities in a variety of settings.
6. Identify the primary health care concepts and apply them to families, groups, aggregates and communities.
7. Compare the various roles, functions, and settings of community health nursing (public health nursing, school nursing, home health nursing, and occupational health nursing).

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
Week One	1	Introduction to community health Nursing
Week Two	2	Dimensions of Community Health Nursing
Week Three	3	Community Assessment
Week Four	4	Approaches to Community Health
Week Five	5	Primary Health Care (PHC)
Week Six	6	Family Health Services
Week Seven	7	Health Care of Aggregates
Week Eight	8	Mid Term Exam
Week Nine	9	Maternal and Child Health Care Services (MCH)
Week Ten	10	School Health Care Nursing
Week Eleven	11	Nutrition Health Services
Week Twelve	12	Occupational Health Care Nursing
Week Thirteen	13	Home Visits
Week Fourteen	14	Home Health Care Nursing
Week Fifteen	15	Environmental Health and Safety Services

Text Books

1. Public health
2. Clarke

Useful References

1. Health care
2. adolescence health care

Grading Policy

Assignments	(list number of assignments and the grade per each) %5
Quizzes	(list number of quizzes and the grade of each) %5
Midterm Exam	%40
Final Exam	% 60

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.

Course Syllabus

Course Code & Title: الإحصاء الحياتي

Department/ College: College of Nursing/ Biostatistics

Credit Hours: 2

Course Calendar: Total (-) hrs Theory (2) hrs Lab. (-) hrs.

Lecturer Name: Mohammed hamzah Mahdi

Tel: 07827605060

Email: mohamed.hamza@alfarabiuc.edu.iq

Course Prerequisites: (if there is a requirement for taking a course before this course, please mention the course code)

Course Description:

(Describe the importance of the course in two or three sentences)

The course is designed to be a synthesis of biostatistics based and focused for the goal of how to be good statistical and calculate the basic and primary method of the statistical and Developing the ability to assess and solving problem of the sample, type of statistical how to calculate the stander devotion, mood, variation.

Course objectives:

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

- 1 • **Data Synthesis and Management:** Collecting, cleaning, organizing, and summarizing biological and health data (e.g., in tables, graphs, or numerical summaries) to extract meaningful information.
 - Designing Research Studies:** Developing robust protocols for clinical trials, observational studies, and epidemiological research to minimize bias and ensure validity.
 - Inference and Estimation:** Making accurate predictions or drawing conclusions about a large population based on smaller, representative samples.
 - Hypothesis Testing:** Evaluating scientific hypotheses, establishing relationships between variables, and assessing the statistical significance of results.
 - Evaluating Health Interventions:** Assessing the safety and efficacy of new drugs, treatments, and medical technologies.
 - Public Health Monitoring:** Tracking the prevalence of diseases or health conditions in populations to inform public health policy.
 - Quantifying Uncertainty:** Managing variability in medical and biological data to determine the reliability of research findings

Class / Laboratory Schedule (number of sessions each week and duration of each session)

Course Content & Outlines: (Write the chapters and lectures that are intended to be taught depending on the number of the weeks- as needed).

Week No.	Lecture No.	Chapter / Lecture Topic
Week One	1	مقدمة في الاحصاء الحيوي
Week Two	2	العينات
Week Three	3	انواع العينات
Week Four	4	تبويب و عرض البيانات
Week Five	5	تبويب و عرض البيانات الثانية
Week Six	6	عرض البيانات الثالثة (المستطيل البياني)
Week Seven	7	مقاييس النزعة المركزية (1)
Week Eight	8	مقاييس النزعة المركزية (2)
Week Nine	9	مقاييس التشتت
Week Ten	10	الارتباط و الانحدار الخطي البسيط

Text Books

1. (Clinical Trial
2. Medical Records

Useful References

1. Vital Statistics
2. Epidemiological Studies

Grading Policy

Assignments	(list number of assignments and the grade per each) %3
Quizzes	(list number of quizzes and the grade of each) %3
Midterm Exam	%30
Final Exam	% 70

Academic Policy

Please refer to Al-Farabi policy information on attendance, missed Tests, missed lab experiments and ethical behavior policy.