

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



Al-Kut University College
Department of Nursing
Description of the academic
program

2023-2024

Faculty/Institute: Al-Kut University College

Scientific Department / Department of Nursing

Academic/Professional Program Name: Science in Nursing

Final Certificate Name: Bachelor in Nursing

Academic System Four years/semi-annually (two-semester/year)

Description Preparation Date: / /2024

File Completion Date: / /2024

Head of Department

Signature: 

Dr. Rabea Mohsen Ali

Date: \ \ 2024

Deputy Dean for Scientific Affairs

Signature: 

Dr. Abdul Zahra Hamidi Muhaisen

Date: \ \ 2024

This File has been checked by Quality Assurance and University Performance

Director of Quality Assurance and University Performance Department

Head of Quality Assurance Section

Signature: 

Dr. Ali Saad Alwan

Date: \ \ 2024



Authentication of the Dean

1. Program Vision

A distinguished academic program that provides students with knowledge, skills, practices, and applications of the nursing profession and advanced scientific research in the field of nursing to provide high-quality nursing care for the individual, family, and community, and enhance community health.

2. Program Mission

Graduating nursing staff who are scientifically and practically qualified and ethically prepared to provide high-quality nursing service and compete in the labor market after completing four years of study.

3. Program Objectives

- a. Safety: Commitment to professional nursing standards to provide safe and effective nursing practices and maintain a safe environment.
- b. Professional Behaviors: Demonstrate professional, ethical, and legal behaviors to enhance quality nursing care.
- c. Evidence-based practices to provide high-quality nursing services.
- d. Use critical and clinical thinking in nursing decision making and clinical judgment for safe nursing practice.
- e. Communication: Demonstrate effective therapeutic rapport and effective collaboration with clients, families, communities, and health care team.
- f. Client-centered care: providing nursing care that is individualized and appropriate to the age, gender, and culture of the client.
- g. Conduct advanced nursing research aimed at solving health problems in the country.

4. The Program Accreditation

N/A

5. Other External Influences

College of Nursing / Al Bayan University is a private college affiliated with the university and the Ministry of Higher Education and Scientific.

6. Program Structure

Course Structure	Number of Courses	Credit Units	(%)	Reviews
Institutional Requirements	–	–	–	
College Requirements	–	–	–	
Department Requirements	32	123	84%	
Summer Training	340 hours	–	–	
Others	–	–	–	

7. Program Description:

No	Stage	Course	Subject	Code name	Credit hours			Total Credit Hours
					Theory	Lab.	Clinical	
1	First	First semester	Fundamental of Nursing I	NUR101	4	6	0	7
2	First	First semester	Human Anatomy for Nursing	ANT102	3	2	0	4
3	First	First semester	Biochemistry for Nurses	CHM103	3	2	0	4
4	First	First semester	Code of ethics	ETF104	2	0	0	2
5	First	First semester	English I	ENG105	2	0	0	2
6	First	First semester	Computer science I	COS107	1	0	0	1
7	First	Second semester	Fundamental of Nursing II	NUR107	4	12	0	8
8	First	Second semester	Physiology for nursing	PHY108	3	2	0	4
9	First	Second semester	Medical terminology	TRE109	2	0	0	2
10	First	Second semester	Computer science II	COS110	0	2	0	1
11	First	Second semester	English II	ENG1011	1	2	0	2
1	Second	First semester	Adults Nursing I	NUR 201	4	12	0	8
2	Second	First semester	Pharmacology for Nurses I	PHR 202	2	0	0	2
3	Second	First semester	Health Assessment	HAS 203	2	2	0	3
4	Second	First semester	Microbiology for Nurses I	MBN 204	2	2	0	3
5	Second	First semester	Computer Science III	COS 205	0	2	0	1
6	Second	First semester	Baath Party Crimes	CDB 206	2	0	0	2
7	Second	Second semester	Adults Nursing II	NUR 207	4	12	0	8
8	Second	Second semester	Pathophysiology for Nurses	PAT 208	2	0	0	2
9	Second	Second semester	Microbiology for Nurses II	MBN 209	2	2	0	3
10	Second	Second semester	Pharmacology for Nurses II	PHR 210	2	0	0	2
11	Second	Second semester	Computer science VI	COS 211	0	2	0	1
12	Second	Second semester	Arabic Language for Nursing II	ARB 212	2	0	0	2
1	Third	First semester	Mental and Neonate Nursing	NUR301	3	2	12	8
2	Third	First semester	Research Methods in Nursing	NUR302	2	0	0	2
3	Third	First semester	Health Sociology	NUR303	2	0	0	2
4	Third	First semester	Human Rights	NUR304	2	0	0	2
5	Third	First semester	Nutrition and Diet Therapy	NUR305	2	0	0	2
6	Third	Second semester	Child and Adolescents Nursing	NUR306	3	2	12	8
7	Third	Second semester	Biostatics	BST307	2	0	0	2
8	Third	Second semester	Human Growth and Development	NUR308	3	0	6	5

9	Third	Second semester	Democracy	DEM309	2	0	0	2
1	Fourth	First semester	Family and community health nursing	NUR401	7	12	0	3
2	Fourth	First semester	Nursing leadership and management	NUR402	3	3	0	2
3	Fourth	First semester	Professional Perspectives and Issues in Nurse	NUR403	2	0	0	2
4	Fourth	First semester	Arabic language for Nursing I	ARB404	1	0	0	1
5	Fourth	First semester	Health promotion	HPR405	2	0	0	2
6	Fourth	First semester	Epidemiology	EPD406	2	0	0	2
7	Fourth	First semester	Research Project	NUR107	1	3	0	0
8	Fourth	Second semester	Mental Health and Illness Nursing	NUR308	7	12	0	3
9	Fourth	Second semester	Critical Care Nursing	NUR409	6	12	2	2
10	Fourth	Second semester	Health Psychology for Nurses	HPN410	2	0	0	2
11	Fourth	Second semester	Arabic language for Nursing II	ARB411	1	0	0	1
12	Fourth	Second semester	Research Project	NUR112	1	3	0	0

Total Credit Hours: 140 SCH

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

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

9. Teaching and Learning Strategies

1. Class lectures
2. And use slideshows
3. And illustrative films
4. Class discussions

10. Evaluation Methods

1. Theoretical tests
2. Oral exam
3. Laboratory practical tests.
4. Brain storming
5. Attendance and participation
6. Seminars and reports

11. Faculty member

8. Expected learning outcomes of the program:

Knowledge

1. A1- The student acquires sufficient knowledge of the scientific terminology used in nursing sciences.
2. A2- The student learns the types of nursing basics and general skills along with knowledge of the use of devices, materials, and solutions used in the field of nursing.
3. A3- Enhancing the student's confidence to deal with all types of patients in hospitals to provide them with nursing care and develop the student's ability to deal with different patient cases according to the nursing process.
4. A4- Strengthening the principle of participation by a group of students to discuss a medical condition and the method of treating it, and to provide nursing care and guidance to the individual and society, thus providing the student with complete knowledge that enables him to prepare an integrated nursing plan for the patient.

Skills

1. B1 - Promoting professional ethics and etiquette among students and professional and humane treatment of patients.
2. B2- Students acquire various nursing skills that enable them to provide high-quality service.
3. B3- Promoting the principle of continuous, lifelong learning in order to continue developing the profession and improving students' knowledge and skills.

Values

1. C1- Adherence to the ethical standards of nursing
2. C2- Non-discrimination in providing nursing services between one patient and another according to their culture, religion, color, or living condition.
3. C3- Preserving the patient's rights stipulated in the laws.
4. C4- The skill of making the right decision for the benefit of the patient, based on logical thinking.

Titles	Specialization		Special Requirements/Skills	Numbers	
	General	Special		Staff	Lec
Professor	0	2	Teaching qualification certificate	2	0
Assistant Professor	0	5	Teaching qualification certificate	4	1
Lecturers	0	4	Teaching qualification certificate	4	0
Assistant Lecturers	0	5	Teaching qualification certificate	5	0

Professional development

Professional Development Mentoring New Faculty Members

1. Involving him in the teaching validity course and the teaching methods course.
2. Involve him in a computer proficiency course.
3. Encouraging them to conduct research and publish in reputable journals, and involving them in supervising the students' graduation research.
4. Urging and encouraging people to follow up on everything new in their field of expertise.
5. Obliging him to participate in seminars and workshops.
6. He will be under the supervision of specialized professors to develop his knowledge and skills.

Professional Development for Faculty Members

1. Involving them in specialized courses and scientific workshops.
2. Mandatory annual publication of research in reputable journals
3. Attending local and international conferences
4. Encouraging them to obtain higher degrees (doctorates) in their field of specialization.
5. Encouraging them to obtain academic titles.
6. Exchanging experiences with professors at public and private universities.
7. Encouraging teachers to conduct joint research in prestigious universities.
8. Developing professors' skills by sending them too international universities to learn about everything new in their field of specialization.

12. Acceptance Criteria

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

13. The most important Sources of Information about the Program

1. Iraqi, Arab and international governmental nursing colleges
2. Iraqi Ministry of Health.

14. Program Development Plan

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

Program Skills

Learning Outcomes Required from the Program

Year/Level	Course Code	Course Title	Primary or Optional	Knowledge				Skills				Values			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
1 st /first semester	NUR101	Fundamental of Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ANT102	Human Anatomy for Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	CHM103	Biochemistry for Nurses	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	COS104	Computer science I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ENG105	English I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ETF106	Code of ethics	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
1 st /second semester	NUR107	Fundamental of Nursing II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	PHY108	Physiology for nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	TRE109	Medical terminology	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	COS110	Computer science II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ENG111	English II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	HUN 112	Human Rights & Democracy	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

Program Skills

Learning Outcomes Required from the Program

Year/Level	Course Code	Course Title	Primary or Optional	Knowledge				Skills				Values			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2 nd /first semester	NUR 201	Adults Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	PHR 202	Pharmacology for Nurses I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	HAS 203	Health Assessment	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	MBN 204	Microbiology for Nurses I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	COS 205	Computer Science III	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	CDB 206	Baath Party Crimes	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
2 nd /second semester	NUR 207	Adults Nursing II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	PAT 208	Pathophysiology for Nurses	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	MBN 209	Microbiology for Nurses II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	PHR 210	Pharmacology for Nurses II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	COS 211	Computer science VI	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ARB 212	Arabic Language for Nursing II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

Program Skills

Learning Outcomes Required from the Program

Year/Level	Course Code	Course Title	Primary or Optional	Knowledge				Skills				Values			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
3 rd /first semester	NUR301	Mental and Neonate Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR302	Research Methods in Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR303	Health Sociology	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR304	Human Rights	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR305	Nutrition and Diet Therapy	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
3 rd /second semester	NUR306	Child and Adolescents Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	BST307	Biostatistics	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR308	Human Growth and Development	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	DEM309	Democracy	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

Program Skills

Learning Outcomes Required from the Program

Year/Level	Course Code	Course Title	Primary or Optional	Knowledge				Skills				Values			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
4 th /first semester	NUR401	Family and community health nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR402	Nursing leadership and management	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR403	Professional Perspectives and Issues in Nurse	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR404	Arabic language for Nursing I	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR405	Health promotion	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR406	Epidemiology	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	BST407	Research Project	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
4 th /second semester	NUR408	Mental Health and Illness Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR409	Critical Care Nursing	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	HPN410	Health Psychology for Nurses	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	ARB411	Arabic language for Nursing II	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	NUR412	Research Project	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

Course Description (Fundamentals of Nursing-I)

1. Course Name:

Fundamentals of Nursing-I

2. Course Code:

NUR101

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(4) hours per week for the theoretical subject for a period of 15 weeks
(total 60 hours) for Nursing Laboratory (6) hour per day a total of (90) hour.**

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

Name: A. Professor: Ali Faris Abdul Hussein

Email: Ali.F.Alsaadi@alkutcollege.edu.iq

8. Course Description

This course is designed to provide the nursing student with basic knowledge concerning principles of nursing: - Historical and contemporary nursing practice, the development of nursing profession, nursing education and research, legal aspect of nursing, values, ethics and advocacy, health, wellness and illness, health care Delivery system.

9. Course Objectives

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

- ✓ Understand the history and development of nursing profession.
- ✓ Identify the basis of nursing ethics and values.
- ✓ Realize the personal characteristics & human needs
- ✓ Recognize the concept of health, wellness & illness.

- ✓ Identify factors affecting health status beliefs & practices.
- ✓ Describe the health care delivery system.
- ✓ Distinguish between legal and illegal situations in nursing practice.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A- Theoretical = 4 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Part I: 1.1: Asepsis and infection 1.1. Type of microorganism causing infection 1.2. Types of infection 1.3. Chain of infection 1.4. Body defense against infection quality care
Week 2	Part II: Safety and activity 2.1. Body mechanics 2.2. Maintaining good posture 2.3. Protective devices 2.4. Nursing implication 2.5. Therapeutic exercise
Week 3	Part III: Vital signs 3.1. Temperature 3.2. Pulse 3.3. Respiration 3.4. Blood Pressure
Week 4	Exam (1)

Week 5	Part V: Wound care and healing process
Week 6	Part VI: Medication administration 6.1. Drug standard 6.2. Legal asepsis of drug administration 6.3. Effect and action of drugs
Week 7	Part VII: 7.1. Routes of administration 7.2. System of measurement 7.3. Medication orders
Week 8	Exam (2)
Week 9	Part IX: Oral medication
Week 10	Part X: Injection of medication
Week 11	Part XI: Intravenous infusion 11.1: Blood transfusion
Week 12	Part XII: Nursing process
Week 13	Part XIII: Hot and cold applications
Week 14	Part XIII: Diagnostic testing
Week 15	Exam (3)

12. Course Structure (1st Semester)

B- Nursing Laboratory= 6 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Part I: 1.1: Hand washing 1.2: Isolation techniques (personal protective equipment) 2.1. Sterile Field and Handling sterile equipment
Week 2	Part II: Body mechanics 2.1: movement 2.2: posture
Week3	Exam (1)

Week 4	Part III: Vital signs 3.1: Body temperature 3.2: Pulse 3.3: Respiration
Week 5	Part IV: Blood Pressure
Week 6	Part V: Wound care and healing process
Week 7	Exam (2)
Week 8	Part VI: Gastric intubation (gavage and lavage) And Thoracentesis
Week 9	Part VII: Administration of Medication 10.1: Oral medication
Week 10	Part VIII: Injection of medication
Week 11	Part X: Intravenous infusion 12.1: Blood transfusion
Week 12	Part XII: Nursing process
Week 13	Part XIII: Hot and cold applications
Week 14	Part XII: Enema and Catheterization
Week 15	Exam (3)

13.Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Nursing Laboratory Evaluations	20%
Final Nursing Laboratory Exam	20%
Final Theory Exam	60%
Total	100 %

14.Learning and Teaching Resources

- ✓ Hughes, S. J. (2016). Kozier and Erb's Fundamentals of Nursing: Concepts, Process and Practice. Nurse Education in Practice, 12(2), p. e12. doi: 10.1016/j.nepr.2011.09.002

Course Description (Biochemistry)

1. Course Name:

Biochemistry

2. Course Code:

CHM102

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(3) hours per week for the theoretical subject for a period of 15 weeks
(total 45 hours) for Nursing Laboratory (2) hour per day a total of (75) hour.**

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

Name:

Email:

8. Course Description

The course is designed to introduce students to the fundamental concepts compound of Biochemistry the student at both structure and role of abnormal carbohydrates, lipids, amino acids, proteins and enzymes.

9. Course Objectives

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

- ✓ Understand the clinical distinguish between carbohydrates, lipids, amino acids, proteins and enzymes Understand the role of hormones and the metabolic reactions in the body. Use laboratory methods for monitoring biochemical reaction in biological.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 3 h Nursing Laboratory = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to Biochemistry Medical Biochemistry Importance of biochemistry to nurses
Week 2	Carbohydrate Chemistry Biological importance Classification of Carbohydrates Isomerism Chemical properties of CHOs Carbohydrate Metabolism
Week 3	Digestion and absorption Metabolism of glucose in liver Energy production Regulation (homeostasis) of blood glucose level Abnormalities in blood glucose level Disorders in carbohydrates metabolism
Week 4	Exam (1)
Week 5	Lipids Functions and importance of lipids Neutral lipid Identification
Week 6	Characterization of fats a Compound lipids Methods used for separation of lipoproteins Bile acid and Bile salts
Week 7	Metabolism of lipids Pathway of Lipolysis and Lipogenesis B - Oxidation of fatty

Week 8	Energetics (ATP produce) Ketone bodies Abnormalities in blood lipid
Week 9	Proteins Functions of proteins Amino acid Classification Functions of amino acids
Week 10	Digestion and Absorption of Proteins Dynamic Equilibrium Metabolism of amino acids Blood Proteins
Week 11	Disturbance in protein metabolism Non protein nitrogen compound Kidney functions (Urea, Creatinine, Uric acid, Ammonia).
Week 12	General properties of enzymes Chemical composition of enzymes Classification of Enzymes Classification of Co- enzymes
Week 13	Enzymes specificity Enzymes activity Serum enzyme
Week 14	Exam (2)
Week 15	Normal characteristic of urine Constituents of normal urine Urine Collection General urine examination

12.Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Laboratory exam	20%
Final Laboratory exam	20%
Final Theory Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ - Ferrier, Denise R. Lippincott's illustrated reviews. USA: Lippincott Williams & Wilkins, (2014).

- ✓ Murray, K., Victor Rodwell, David Bender, Kathleen M. Botham, P. Anthony Weil, and Peter J. Kennelly. "Harper's illustrated biochemistry. 28." Citeseer, New York, United States (2009).

Course Description (Anatomy for Nurse)

1. Course Name:

Anatomy for Nurse

2. Course Code:

ANT103

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(3) hours per week for the theoretical subject for a period of 15 weeks
(total 45 hours) for Nursing Laboratory (2) hour per day a total of (75) hour.**

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

Name: Dr Marwa Jabbar Saiwan

Email: Marwa.Saiwan@Alkutcollege.edu.iq

8. Course Description

- ✓ To have extensive knowledge of the structure of the human body and the systems and organs that make it up.
- ✓ Explaining the anatomical and histological structures of each system in the human body and its constituent organs, leading to the precise composition of these tissues (the cell and its components).
- ✓ Identify the cell, its components, shapes, and the precise structures within it, with the help of illustrations and films.
- ✓ Learn how to use the microscope initially and display histological slides related to the structure of certain organs in the human body.

- ✓ Displaying plastic models of human body structures and identifying the parts and components of these structures for the purpose of clarifying the picture to students.
- ✓ Displaying preserved models of the skeleton and identifying the types, shapes, and structures of each bone.
- ✓ Identify the types of joints found in the human body and the type of joint movement, using plastic models for each joint.

9. Course Objectives

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

- ✓ Method of delivering the lecture using PowerPoint and illustrative films related to the human body and the plastic devices and organs that make it up (laboratory doll models).
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational means, such as the smart board, data shows, films, and scientific pictures that bring the subject closer to the students' minds.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A- Theoretical = 3 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction, Anatomy, Types of Anatomy, Types of human tissues
Week 2	Anatomy of Digestive System
Week3	Anatomy of Respiratory System
Week 4	Anatomy of Muscular System

Week 5	Anatomy of Nervous System
Week 6	Exam (1)
Week 7	Anatomy of Peripheral Nervous System
Week 8	Anatomy of Endocrine system
Week 9	Anatomy of The Circulatory system
Week 10	Anatomy of Lymphatic system
Week 11	The Urinary system
Week 12	Anatomy of Reproductive system :(The Male Reproductive system)
Week 13	Anatomy of The Reproductive system :(The Female Reproductive system)
Week 14	Anatomy of Special Sense Organs
Week 15	Exam (2)

B- Nursing Laboratory= 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	The compartment of the cell <ul style="list-style-type: none"> ✓ plasma membranes ✓ cytoplasm ✓ nucleus ✓ The organelles of the cell
Week 2	Types of human body Tissues <ul style="list-style-type: none"> ✓ Epithelial tissue ✓ connective tissue ✓ muscular tissue ✓ nerves tissue
Week3	Anatomical terminology anatomical terms are used for precise anatomical description of mutual relationship of the various structures of the body
Week 4	The skeleton

	<ul style="list-style-type: none"> ✓ Classification of bones ✓ Division of the skeletal system ✓ Appendicular skeleton ✓ Axial skeleton
Week 5	Anatomy of skeletal system <ul style="list-style-type: none"> ✓ shoulder girdle and upper limbs ✓ Pelvic girdle and lower limbs ✓ The joints
Week 6	The Muscular system
Week 7	The Digestive system
Week 8	The Respiratory system
Week 9	The Cardiovascular system
Week 10	The Urinary system
Week 11	The Reproductive system :(The Female Reproductive system)
Week 12	The Reproductive system :(The male Reproductive system)
Week 13	The Lymphatic system
Week 14	Endocrinal system
Week 15	<i>Final exam</i>

12.Course Evaluation

First midterm theory exam	10 %
Second midterm theory exam	10%
Quiz	5%
Practical exam	15 %
Final practical exam	20%
Final Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Snell, Richard S. (2012). Clinical anatomy by regions (9th). Baltimore, MD: Wolters Kluwer/Lippincott Williams & Wilkins.
- ✓ Kadhim A. Muhsin Al-zaidy, Human anatomy and medical terminology, Al-Bayan University , 2018.

Course Description (Nursing Code of Ethics)

1. Course Name:

Nursing Code of Ethics

2. Course Code:

ETH 104

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) per semester**

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

Name:

Email:

8. Course Description

This course will provide students with basic knowledge regarding the basic principles of legal issues and ethical systems of the nursing profession. It deepens their understanding of the principles of professional conduct that nurses should follow in their professional lives.

9. Course Objectives

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

- ✓ Learn about the history of the nursing profession and its development through the ages.
- ✓ Professional ethics and professional conduct.
- ✓ Principles of nursing ethics (concepts and values).

- ✓ Personal qualities and professional values in the sciences of the profession with attention to the basic principles of law and rights of registered nurses.
- ✓ Application of legal issues in nursing practice
- ✓ Learn about strategies to prevent accidents during nursing practice
- ✓ Work on application of ethical and legal principles when caring for the patient and his family.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A-Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	A Brief History of Ancient Medicine and Nursing Care The development of the nursing profession: 1. Introduction 2. History. Ancient Medicine & Health Care
Week 2	Ancient civilizations: 1. Ancient Greek civilization. 2. Roman Empire
Week 3	Middle Ages: -Religious influences in nursing-nursing in the early Christianity -Nursing in the Christian era. -Nursing among Arabs and peace
Week 4	Modern Nursing History: -Renaissance - Age of the Industrial Revolution - Florence Nightingale
Week 5	Nursing in some Arab countries: - Egypt – Iraq

Week 6	<p>Nursing Ethics:</p> <ul style="list-style-type: none"> - Definition of the ethics of the nursing profession - Professional ethics and professional behavior - Indicators to measure the merit of any craft to become a profession
Week 7	<p>Nursing Ethics:</p> <ul style="list-style-type: none"> - Concepts of nursing ethics. - Values in the ethics of the profession. - Personal qualities, and professional values in the sciences of the profession
Week 8	<p>Nursing Ethics:</p> <ul style="list-style-type: none"> - Professional nurse roles nursing education programs - Patients' rights - A Patient's of Bill Rights -Responsibility borne by the patient
Week 9	<p>Nursing Ethics:</p> <p>Basic principles of registered nurses' law and rights</p>
Week 10	<p>Common theory in ethics:</p> <ul style="list-style-type: none"> -Deontology -Teleology -Intuitionism -The ethic of Caring
Week 11	<p>Unions and Associations:</p> <ul style="list-style-type: none"> -Introduction - Responsibilities of the Association
Week 12	<p>Code of Professional Conduct:</p> <ul style="list-style-type: none"> - Ethics of Code - or rules of professional conduct - Definition: - Key Purposes of Code of Conduct - An example of one of the international constitutions followed in America for the year 2014
Week 13	<p>Legal Issues in Nursing:</p> <ul style="list-style-type: none"> - Definition - Sources of law - Types of law
Week 14	<p>Tort Law:</p> <ul style="list-style-type: none"> - Professional negligence or misconduct. - Intentional damage.
Week 15	<p>Strategies to prevent accidents during nursing practice.</p>

12.Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Exam	70%
Total	100 %

13.Learning and Teaching Resources

- ✓ Code of Ethics for the Nursing and Midwifery Profession in Iraq 2009

Course Description (English for Nursing-I)

1. Course Name:

English for Nursing-I

2. Course Code:

ENG105

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) per semester

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

Name:

Email:

8. Course Description

This course will provide students with basic knowledge regarding the basic structures of English sentences. It deepens their understanding of the parts of speech of English sentences in order to write, speak and listen in English, especially topics related to nursing, and keep pace with the scientific and professional development of the nursing profession.

9. Course Objectives

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

- ✓ Explain the basic structures of the English sentences
- ✓ Identify the parts of speech of the English sentences.
- ✓ Identify classification of Tenses
- ✓ Avoid common grammatical errors for English sentences

- ✓ Practice skills of listening in English language effectively
- ✓ Practice skill of speaking in English language especially nursing related topics.
- ✓ Communicate through oral discussions and dialogue in English language regarding nursing related topics efficiently.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A-Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Parts of speech
Week 2	Parts of speech
Week 3	Tenses classification
Week 4	Tenses classification
Week 5	Present continuous tense
Week 6	Present continuous tense
Week 7	The present perfect tense
Week 8	Exam (1)
Week 9	The present perfect tense
Week 10	The present perfect continuous tense
Week 11	The simple past tense
Week 12	The simple past tense

Week 13	The past continuous tense
Week 14	The past continuous tense
Week 15	Exam (2)

12.Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	10%
Quiz	5%
Practical exam	%
Final practical exam	%
Final Exam	70%
Total	100 %

13.Learning and Teaching Resources

- ✓ Alexander, L G. Developing Skills: Student's Book (New Concept English)
- ✓ Beginners New Headway Plus By: John Soars & Liz Soars

Course Description (Computer for Nursing-I)

1. Course Name:

Computer for Nursing-I

2. Course Code:

COS106

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

hours per week for the theoretical subject for a period of 15 weeks (total 15 hours)

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

Name: Assistant lecturer:

Email:

8. Course Description

This course will provide students with the knowledge to create and develop academic programs in the field of computer science, deepen their understanding of modern developments, and meet the needs of nursing tics and society.

9. Course Objectives

Upon completion of the practical and theoretical training for this course, the student should be able to:

- ✓ Excellence in the fields of computer and information technologies for students of the College of Nursing, both research and educational, up to high quality.
- ✓ Creating and developing academic programs in the field of computer science
- ✓ to keep pace with recent developments with the needs of nursing special tics
- ✓ and society.

- ✓ Developing students' qualitative, cognitive and practical skills.
- ✓ Communicate through oral discussions and dialogue in English language regarding nursing related topics efficiently.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A-Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to computers
Week 2	History of computing, computer characteristics
Week 3	Generations of computing
Week 4	Input devices
Week 5	Output devices
Week 6	Storage devices
Week 7	Software
Week 8	Hardware
Week 9	HCI
Week 10	Introduction to Operating system
Week 11	Operating systems and internet
Week 12	Internet and Intranet

Week 13	Computer security
Week 14	Viruses
Week 15	Uses of computers in the medical field

12.Course Evaluation

First midterm theory exam	10 %
Second midterm theory exam	10%
Quiz	5%
Practical exam	15 %
Final practical exam	20%
Final Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Fundamental Concepts of Computer Science
- ✓ Basic Computer Science
- ✓ Computer basics and office applications

Course Description (Democracy and human rights)

1. Course Name:

Democracy and human rights

2. Course Code:

COS107

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

24-12-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

hours per week for the theoretical subject for a period of 15 weeks (total 15 hours)

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

Name: Assistant lecturer:

Email:

8. Course Description

9. Course Objectives

Upon completion of the practical and theoretical training for this course, the student should be able to:

- ✓ To be able to contribute to the development of legal rules in light of the developments taking place
- ✓ Feeling equal and not biased towards the opponents while considering the case
- ✓ Feeling the importance of spreading the law and legal culture in society
- ✓ To learn how to confront society and spread the legal culture in it. To qualify the student intellectually and consolidate the idea of realizing the right under the law.

- ✓ To become familiar with the most important legal principles such as fairness and justice
- ✓ Enabling the student to know the provisions of the law
- ✓ The ability to distinguish between truth and falsehood
- ✓ Feeling the importance of applying justice in society Communicate through oral discussions and dialogue in English language regarding nursing related topics efficiently.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

A-Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	The concept of democracy
Week 2	The historical morality of democracy
Week3	Forms and types of democracy
Week 4	Advantages of the democratic system
Week 5	Disadvantages of the democratic system
Week 6	Democracy in ancient times
Week 7	Democracy and the Constitution
Week 8	Components of democracy
Week 9	Democracy and human rights

Week 10	Human rights in international agreement
Week 11	The two international covenants on human rights
Week 12	Individual and collective human rights
Week 13	Human Rights Generations
Week 14	Human rights in the Middle Ages
Week 15	The two international covenants on human rights

12.Course Evaluation

First midterm theory exam	15 %
Second midterm theory exam	15%
Final Exam	70%
Total	100 %

13.Learning and Teaching Resources

- ✓ Democracy - Dr. Wajih Qanso
- ✓ Human Rights - Dr. Hamid Hanoun Khaled

Course Description (Fundamentals of Nursing-II)

Course Name:
Fundamentals of Nursing-II
Course Code:
NUR108
Semester / Year:
First Year/ Semester -II
Description Preparation Date:
14-4-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures
Number of Credit Hours (Total) / Number of Units (Total)
(4) hours per week for the theoretical subject for a period of 15 weeks (total 60 hours) for Nursing Laboratory (12) hour per day a total of (180) hour.
Course administrator's name (mention all, if more than one name)
Name: A. Professor: Ali Faris Abdul Hussein
Email: Ali.F.Alsaadi@alkutcollege.edu.iq
Course Description
This course is designed to provide the nursing student with basic knowledge concerning principles of nursing: - Historical and contemporary nursing practice, the development of nursing profession, nursing education and research, legal aspect of nursing, values, ethics and advocacy, health, wellness and illness, health care Delivery system.
Course Objectives
<i>At the end of the course the student will be able to:</i>
<ul style="list-style-type: none">✓ Understand the history and development of nursing profession.✓ Identify the basis of nursing ethics and values.

- ✓ Realize the personal characteristics & human needs
- ✓ Recognize the concept of health, wellness & illness.
- ✓ Identify factors affecting health status beliefs & practices.
- ✓ Describe the health care delivery system.
- ✓ Distinguish between legal and illegal situations in nursing practice.

Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

Course Structure

Theoretical = 4 h Nursing Laboratory= 12 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Part I: Patient's needs Rest and sleep 1.1: Physiology of sleep 1.2: Functions of sleep, sleep phases, sleep cycles 1.3: Factors affecting sleep 1.4: Sleep assessment 1.5: Common sleep disorders
Week 2	Part II: Nutrition 2.1: Human nutritional needs 2.2: Nutritional standards 2.3: Nutritional status assessment 2.4: Factors affecting nutrition 2.5: Management of problems interfering with nutrition 2.6: Common hospital diets
Week 3	Part III: Fluid and chemical balance 3.1: Body fluid, electrolytes and acid-base balance 3.2: Fluid volume assessment

	3.3: Factors affecting body fluid, electrolytes and acid-base balance 3.4: Common fluid imbalance
Week 4	Part IV: Oxygenation 4.1: Overview of anatomical and physiological of breathing 4.2: Assessing oxygenation 4.3: Oxygen therapy 4.4: Alteration in respiratory function
Week5	Part V: Midterm-Exam (1)
Week 6	Part VI: Urinary elimination 6.1: Overview of urinary elimination 6.2: Characteristics of urine 6.3: Abnormal urinary elimination patterns 6.4: Assisting clients with urinary elimination
Week 7	Part VII: Bowel elimination 7.1: Physiology of defecation 7.2: Assessment of bowel elimination 7.3: Common alterations in bowel 7.4: Measures of promote bowel elimination 7.5: Ostomy care
Week 8	Part VIII: Pain management 8.1: The process of pain 8.2: Pain theories 8.3: Types of pain 8.4: Pain assessment 8.5: Pain management
Week 9	Part IX: Midterm-Exam (2)
Week 10	Part X: Pre-operative nursing care 10.1: Type of surgery 10.2. Preoperative phases
Week 11	Part XI: 11.1: Intraoperative phases 11.2: Post-operative phases

Week 12	Part XII: Death and dying 12.1: Terminal illness and care 12.2: Stage of dying 12.3: Promoting acceptance 12.4: Grieving
Week 13	Part XIII: Hot and cold applications
Week 14	Part XIV: Nursing Documentation and Reporting
Week 15	Part XV: Midterm-Exam (3)

Course Evaluation	
First midterm theory exam	10%
Second midterm theory exam	10%
Nursing Laboratory Evaluations	20%
Final Nursing Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %
Learning and Teaching Resources	
Hughes, S. J. (2016). Kozier and Erb's Fundamentals of Nursing: Concepts, Process and Practice. Nurse Education in Practice, 12(2), p. e12. doi: 10.1016/j.nepr.2011.09.002	

Course Description (Physiology for Nurse)

1. Course Name:
Physiology for Nurse
2. Course Code:
PHY109
3. Semester / Year:
First Year/ Semester -I
4. Description Preparation Date:
24-12-2023
5. Available Attendance Forms:
Recording the student's attendance in theoretical lectures
6. Number of Credit Hours (Total) / Number of Units (Total)
(3) hours per week for the theoretical subject and (2) for the practical subject - for period of 15 weeks (total 75 hours)
7. Course administrator's name (mention all, if more than one name)
Name: Dr Marwa Jabbar Saiwan
Email: Marwa.Saiwan@Alkutcollege.edu.iq
8. Course Description
9. Course Objectives
<i>At the end of the course the student will be able to:</i> <ul style="list-style-type: none">✓ To have extensive knowledge of the structure of the human body, function and the systems and organs that make it up.✓ Explaining the anatomical, function and histological structures of each system in human body and its constituent organs, leading to the precise composition of these tissues (the cell and its components).✓ Identify the cell, its components, shapes, and the precise structures within it, with help of illustrations and films.

- ✓ Learn how to use the microscope initially and display histological slides related to the structure of certain organs in the human body.
- ✓ Displaying plastic models of human body structures and identifying the parts and components of these structures for the purpose of clarifying the picture to students.
- ✓ Displaying preserved models of the skeleton and identifying the types, shapes, and structures of each bone.
- ✓ Identify the types of joints found in the human body and the type of joint movement, using plastic models for each joint.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 3 h Nursing Laboratory = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Part I: Introduction to Human Physiology: 1.1. Introduction of Physiology 1.2. Physiology of Body fluids(water) and electrolyte 1.2.1. Definitions, Composition of body fluids 1.2.2. Types of body fluids, 1.2.3. Electrolytes of the body fluids Movement of, body fluids 1) Hydrostatic pressure 2) osmotic pressure, 1.2.5 Regulation of Water Output Disorders of water imbalance.

Week 2	<p>Part II: Physiology of Digestive System:</p> <p>2.1. Composition and Functions of Salivary Secretion</p> <p>2.2. Swallowing</p> <p>2.3. Gastric Secretion.</p> <p>2.4. Digestion and Regulate the Secretion.</p> <p>2.5. Digestion and Absorption in Small Intestine Secretion.</p> <p>2.6. Digestion and Absorption in Large Intestinal.</p> <p>2.7. Function of Liver, Pancreas and Gallbladder.</p> <p>2.8. Movement of Digestive Material.</p> <p>2.9. Control of Digestive Functions.</p>
Week3	<p>Part III: Physiology of Muscular System:</p> <p>3.1. Study the general function of the Muscles.</p> <p>3.2. Types and functions of different parts of these organs.</p> <p>3.3. Contraction of skeletal muscles.</p> <p>3.4. Sliding theory and its steps.</p> <p>3.5. Action potential and ions fluxes.</p> <p>3.6. muscular performance.</p> <p>3.7. Muscle tone.</p> <p>3.8. Source of energy stored in muscles.</p> <p>3.9. Hormones and muscle.</p>
Week 4	<p>Part IV: Physiology of Nervous System:</p> <p>4.1. Membrane potential.</p> <p>4.2. Types of membrane channels.</p> <p>4.3. Action potential.</p> <p>4.4. Synapses and Conduction of Nerve Impulses –action potentials.</p> <p>4.4.1. Types of synapses.</p> <p>4.4.2. Synapses activity.</p> <p>4.5. Reflexes.</p> <p>4.5.1. Component of Neural Reflexes.</p> <p>4.5.2. Type of Reflexes.</p> <p>4.5.3. Example of Reflexes.</p>
Week 5	<p>Part V: Physiology of The Cardiovascular System</p> <p>5.1. Study the functional properties of the heart.</p> <p>5.2. Action potential of the cardiac muscle.</p> <p>5.3. Conductivity and conducting system.</p> <p>5.4. Rhythmicity.</p>

	<p>5.5. Cardiac pacemaker.</p> <p>5.6. Heart rate, factor effecting heart rate.</p> <p>5.7. Cardiac cycle.</p> <p>5.8. Heart sound.</p> <p>5.9. Electrocardiogram.</p>
Week 6	<p>Part VI: Physiology of respiratory system</p> <p>II:6.1. Study the General function of the Blood Vessels</p> <p>6.2. Hemodynamic</p> <p>6.3. Factor effecting of blood flow</p> <p>6.4. Types of blood flow</p> <p>6.5. Types of blood pressure</p> <p>6.6. Regulation of blood pressure</p> <p>6.6.1. Neuronal</p> <p>6.6.2. Hormonal</p>
Week 7	<p>Part VII: Physiology of The Urinary System:</p> <p>7.1. Study the general function of the urinary system</p> <p>7.2. The blood and nerve supply of the kidney</p> <p>7.3. The function of the kidney</p> <p>7.4. Urine formation</p> <p>7.4.1. Glomerular filtration</p> <p>7.4.2. Tubular reabsorption and secretion.</p> <p>7.5. The hormones that influence selective reabsorption.</p> <p>7.6. Control of blood pressure.</p> <p>7.7. Micturition</p>
Week 8	<p>Part VIII: Blood physiology:</p> <p>8.1. Overview of Blood</p> <p>8.2. Gaseous Exchange</p> <p>8.3. Blood composition</p> <p>8.3.1. Plasma</p> <p>8.3.2. Red Blood Cells</p> <p>8.3.3. White Blood Cells</p> <p>8.3.4. Platelets</p> <p>8.4. Hemostasis (Coagulation or Clotting)</p> <p>8.5.ABO Group System</p> <p>8.6. Surface Antigens, Inheritance, Compatibility in Blood/Plasma Transfusions</p> <p>8.7. Hemolytic Disease of the Newborn</p>
Week 9	Exam

Week 10	<p>Part IX: Physiology of the lymphatic system:</p> <p>9.1. Lymph flow</p> <p>9.1.1. Lymph flow in the lymphatic vessels</p> <p>9.1.2. Lymph flow in the lymph nodes,</p> <p>9.2. Function of lymph nodes</p> <p>9.3. Function of spleen and thymus</p> <p>9.4. The Defense Mechanisms and Immunity</p> <p>9.4.1. Non-Specific Defense Mechanisms (Innate Immunity =Native Immunity)</p> <p>9.4.1.1. First line</p> <p>9.4.1.2. Second line</p> <p>9.5. Specific Defense Mechanisms (Acquired immunity = Adaptive immunity)</p> <p>9.6. Humeral Immunity (Antibody Mediated Immunity).</p>
Week 11	<p>Part XI: Physiology of The Endocrine System:</p> <p>10.1. Types of Glands</p> <p>10.2. Function of endocrine system</p> <p>10.3. Hormones:</p> <p>10.3.1 Characteristics of Hormones</p> <p>10.3.2. Functions of hormones</p> <p>10.3.3. Classification of hormones</p> <p>10.4. Mechanism of Hormone Action</p> <p>10.4.1. Internal receptors</p> <p>10.4.2. External receptors</p> <p>10.5. Endocrine Glands & functions (Hypothalamus, Pituitary Gland, Thyroid Gland, pancreas, Adrenal Glands, Parathyroid Glands, Pineal glands, Gonads Male gonads are known as the testes, and ovaries in case of females. Testes, The placenta.</p>
Week 12	<p>Part XI: Physiology of female reproductive System</p> <p>11.1. The functions of the female reproductive system</p> <p>11.2. Oogenesis</p> <p>11.3. Hormonal control of ♀ secondary sex characteristic</p> <p>11.4. Ovarian cycle</p> <p>11.5. Uterine Cycle (Menstrual Cycle) and Menstruation</p> <p>11.6. Fertilization</p> <p>11.7. Pregnancy</p> <p>11.8. labor process</p> <p>11.9. lactation</p>

Week 13	Part XII: Physiology of Male Reproductive System 12.1. Testicular Function 12.1.1. Spermatogenesis Formation of sperm 12.1.2. Hormonal factors that stimulate Spermatogenesis 12.2. Maturation of sperm in the epididymis 12.3. Storage of sperms 12.4. Secretion and function of Male glands 12.4 .1. Function of the seminal vesicles 12.4.2. Function of the prostate gland 12.5. Semen – the fluid & sperm from the vas deferens. 12.6. Capacitation of the spermatozoa 12.7. Testosterone and other male sex hormones
Week 14	Part XIII: Physiology of Respiratory system 13.1. Types of respiration 13.3 Factors Control Gases Pressure 13.4. Respiratory Muscles 13.5. Volume of pulmonary air space 13.6. Calculation of pulmonary ventilation in health and disease 13.7. Gases transport 13.8. Factors Affecting the Affinity of Hemoglobin to Oxygen. 13.9. control of respiration.
Week 15	Final Exam

12.Course Evaluation

First midterm theory exam	10 %
Second midterm theory exam	10%
Quiz	5%
Practical exam	15 %
Final practical exam	20%
Final Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Hughes, S. J. (2016). Kozier and Erb's Fundamentals of Nursing: Concepts, Process and Practice. Nurse Education in Practice, 12(2), p. e12. doi: 10.1016/j.nepr.2011.09.002

Course Description (Medical terminology)

1. Course Name:

Medical terminology

2. Course Code:

TER 110

3. Semester / Year:

Second Year/ Semester II

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks

(total 30 hours) per semester

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

Name: lecturer Burhan Hadi

Email: Burhan.H.Drub@alkutcollege.edu.iq

8. Course Description

The student should have extensive knowledge of medicines, their types, and the mechanisms of their action. Understanding of physiological and biochemical principles related to drug action. Know how to use medicines and the effect of drugs on the different of body system. Principles and methods of drug administration. Knowing the different types of medicines and their methods. Identify the side effects of drugs and their pharmacokinetics. Knowing the toxicity of drugs and methods of evaluating the safety of drugs and their intersection with other drugs or foods.

9. Course Objectives

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

- ✓ The student's knowledge of the different types of drugs, the scientific classification followed for these drugs, and the study of their chemical composition.
- ✓ The student's knowledge of the course of these drugs, starting from absorption, diffusion, metabolism and excretion outside the body
- ✓ Knowing the methods of evaluating drugs.
- ✓ The student's knowledge of injuries and diseases that can be treated with special types of medicines
- ✓ Identify the ways in which drugs affect enzymes and receptors
- ✓ The student will be able to choose the appropriate treatment for diseases.
- ✓ The student can avoid side effects and toxicity.
- ✓ The student will be able to calculate the appropriate dose of medication B4- The student will be able to evaluate the treatment and its safety and risk.
- ✓ The student will be able to know the precautions for the use of medicines and methods of treating misuse and overdose.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	- Introduction to Medical Terminology - Word parts

Week 2	- Prefixes, Combining forms, Suffixes
Week 3	- Determining word meaning - Structure of the human body - Major body cavities - Body planes - Body directions
Week 4	- Integumentary system - Structures of integumentary system - Pathology of Integumentary system - Procedures of integumentary system
Week 5	Skeletal system - Structure of skeletal system - Pathology of Skeletal system - Procedures of Skeletal system
Week 6	Muscular system - Structure of muscle - Pathology of Muscular system - Procedures of Muscular system
Week 7	Cardiovascular system - Structure of cardiovascular system - Pulmonary and systemic circulation - Pathology of Cardiovascular system - Procedures of cardiovascular system
Week 8	Respiratory system - Structure of respiratory system - Pathology of respiratory system - Diagnostic procedure of respiratory system
Week 9	Urinary system - Structure of urinary system - Pathology of urinary system - Diagnostic procedure
Week 10	Lymphatic and human systems - Lymphatic system - Pathology of lymphatic system - Diagnostic procedures
Week 11	Endocrine system -Structure of endocrine system -Pathology of endocrine system -Diagnostic procedures
Week 12	Reproductive system (male) -Structure of Reproductive system -Pathology of Reproductive system

	-Diagnostic procedures
Week 13	Reproductive system (female) -Structure of Reproductive system -Pathology of Reproductive system -Diagnostic procedures
Week 14	Nervous System - Structure of Nervous system
Week 15	Pathology of Nervous system -Diagnostic procedure

12.Course Evaluation

Midterm Theory examination	25%
Report, Attendance and Quizzes	5%
The total of 30% before the final exam.	
The Final exam	70%
Total	100%

13.Learning and Teaching Resources

- ✓ **Steiner, S S: Quick Medical Terminology A Self-Teaching Guide4th Edition, John Wiley & Son, s, Inc, 2003**
- ✓ **Ehrlich A and Schroeder CL, Medical Terminology for Health Professions, Seventh Edition, 2013 Delmar, Cengage Learning**

Course Description (Human Right & Democracy)

1. Course Name:

Human Right & Democracy

2. Course Code:

HUM 104

3. Semester / Year:

Second Year/ Semester -I

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours)**

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

Name: Assist. Lec. Montazer Hilal Hamidi Al-Lami

Email: Mntzrhla18@gmail.com

8. Course Description

In this course, the student learns about the basic principles, principles of democracy and its forms, systems of government, definition of the state and its pillars, what is light, government powers and their types, principles of human rights, knowledge of freedoms related to others, and knowledge of guarantees for ensuring rights and freedoms.

9. Course Objectives

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

- ✓ Learn about the foundations and principles of democracy
- ✓ Learn about human rights
- ✓ Introducing the state and its pillars
- ✓ Introducing the authorities and their provisions

- ✓ Guaranteeing rights and freedoms
- ✓ Introduction to the Universal Declaration of Human Rights
- ✓ Introduction to the League of Nations and the United Nations

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Definition of democracy
Week 2	Distinction between democracy on the one hand and Shura, on the other hand
Week 3	The relationship between public rights and freedoms
Week 4	The concept of election and its conditions
Week 5	State authorities
Week 6	The state and its pillars
Week 7	Exam
Week 8	Introducing human rights, their importance and characteristics
Week 9	Human rights in contemporary history
Week 10	Guarantees to protect human rights
Week 11	Universal Declaration of Human Rights
Week 12	Human rights in the Iraqi Constitution in 2005

Week 13	International human rights sources
Week 14	Non-governmental organizations concerned with human rights
Week 15	Exam

11. Course Evaluation	
First midterm theory exam	15%
Second midterm theory exam	15%
Final Theory Exam	70%
Total	100 %

12. Learning and Teaching Resources
✓ A course for public and private universities

Course Description (Adult Nursing -I)

1. Course Name:

Adult Nursing -I

2. Course Code:

NUR201

3. Semester / Year:

First Year/ Semester -II

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(4) hours per week for the theoretical subject for a period of 15 weeks
(total 60 hours) for Nursing Laboratory (12) hour per day a total of (240) hour.**

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

Name: Dr. Hussein Aadi Ubaid

Email: Hussein.Ubaid@Alkutcollege.edu.iq

8. Course Description

This course provides the student with the knowledge, skills and attitudes that are essential for effective and comprehensive nursing care for adults in the uncritical medical and surgical illness. The related concepts of path physiology, fundamentals of nursing and pharmacology are integrated.

9. Course Objectives

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

1. Identify risk factors and nursing interventions in promoting and Maintaining health in a selected client population.
2. Relate the path physiology of selected medical/ surgical alterations. To the health – illness continuum.

3. Discuss scientifically based rational for performing selected Diagnostic procedure, outcomes and nursing responsibilities.
- 4- Describe drug therapies and their related outcomes for clients Undergoing medical/ surgical interventions.
- 5.Explain nutritional needs of patients with selected medical/ Surgical alterations.
- 6.Discuss principles of teaching- learning processes as they related to The adult/ older adult patient.
- 7.Apply the theoretical concepts, scientific principles in planning Care of patients.
- 8.Demonstrate competence in implementing nursing interventions to Meet client-oriented goals.
- 9.Demonstrate safe administration of drug and parenteral therapy.
- 10-Participate in teaching patients
- 11.Demonstrate effective communication with patients, instructor and Health members.
- 12.Describe pre- operative nursing measures of avoiding the risk of Infection and the excepted post- operative complications.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 4 h Nursing Laboratory= 12 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to adults nursing. -Nursing process; definition, objectives and steps.

Week 2	Rehabilitation in Nursing Basic principle in rehabilitation nursing Rehabilitation team 3. Prevention of complications and deformities.
Week 3	Care of patients with cancer 1.Definitions. 2.Types. 3.Sign and symptoms. 4.Method of diagnosis. 5.Treatment and nursing management of patients with cancer
Week 4	Nursing management for patients with renal disorders. - Assessment and diagnostic test. - Cardinal signs and symptoms. Urinary tract Infection Renal stone.
Week5	Benign Prostatic Hyperplasia (BPH). -Renal Failure. -Acute Renal Failure. -chronic Renal Failure.
Week 6	First Med Exam
Week 7	- Renal Nutrition - Dialysis.
Week 8	Nervous System. -Intracranial pressure. scales
Week 9	The patient with breast cancer -Sign and symptoms. -Method of diagnosis. -Nursing care and rehabilitation.
Week 10	-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: -Hernia. -Ulcerative colitis. -Peptic Ulcer. -Acute Abdomen. -Irritable bowel syndrome
Week 11	<ul style="list-style-type: none"> -Epilepsy. Head injury. Meningitis.
Week 12	<ul style="list-style-type: none"> - 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
Week 13	<p>Musculoskeletal disorders.</p> <ul style="list-style-type: none"> Osteomyelitis. Osteoporosis.

12.Course Evaluation	
First midterm theory exam	10%
Second midterm theory exam	10%
Nursing Laboratory Evaluations	20%
Final Nursing Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Brunner & Suddarth's Textbook of Medical-Surgical Nursing (Brunner and Suddarth's Textbook of Medical-Surgical) 2018.
- ✓ Understanding Medical Surgical Nursing Fifth Edition 2015.

Course Description (Pharmacology For Nurses -I)

14.Course Name:

Pharmacology For Nurses

15.Course Code:

PHR202

16.Semester / Year:

Second Year/ Semester -I + II

17.Description Preparation Date:

3-10-2023

18.Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) per semester

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

Name: Assist. Prof Dr. Sarhan Rashid Sarhan

Email: srashid@uowasit.edu.iq

21.Course Description

The student should have extensive knowledge of medicines, their types, and the mechanisms of their action. Understanding of physiological and biochemical principles related to drug action. Know how to use medicines and the effect of drugs on the different of body system. Principles and methods of drug administration. Knowing the different types of medicines and their methods. Identify the side effects of drugs and their pharmacokinetics. Knowing the toxicity of drugs and methods of evaluating the safety of drugs and their intersection with other drugs or foods.

22. Course Objectives

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

- ✓ The student's knowledge of the different types of drugs, the scientific classification followed for these drugs, and the study of their chemical composition.
- ✓ The student's knowledge of the course of these drugs, starting from absorption, diffusion, metabolism and excretion outside the body
- ✓ Knowing the methods of evaluating drugs.
- ✓ The student's knowledge of injuries and diseases that can be treated with special types of medicines
- ✓ Identify the ways in which drugs affect enzymes and receptors
- ✓ The student will be able to choose the appropriate treatment for diseases.
- ✓ The student can avoid side effects and toxicity.
- ✓ The student will be able to calculate the appropriate dose of medication B4- The student will be able to evaluate the treatment and its safety and risk.
- ✓ The student will be able to know the precautions for the use of medicines and methods of treating misuse and overdose.

23. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

24. Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Principles of pharmacology, Drugs names, OTC Drugs
Week 2	pharmacokinetic

Week 3	Absorption and distribution
Week 4	Metabolism and excretion
Week 5	Pharmacodynamics
Week 6	Drugs acting on autonomic and somatic nervous system
Week 7	Cholinergic drugs
Week 8	Adrenergic drugs
Week 9	Examination (1)
Week 10	Drugs acting on central nervous system
Week 11	Drug affecting gastrointestinal function
Week 12	Autacoids
Week 13	anti-inflammatory
Week 14	Cardiovascular system drugs
Week 15	Examination (2)

25. Course Evaluation

Midterm Theory examination	25%
Report, Attendance and Quizzes	5%
The total of 30% before the final exam.	
The Final exam	70%
Total	100%

26. Learning and Teaching Resources

- ✓ **Lippincott Illustrated Reviews: Pharmacology**
- ✓ **Pharmacology for nurses.**
- ✓ **Basic pharmacology for nurses**

Course Description (Health Assessment)

1. Course Name:

Health Assessment

2. Course Code:

HAS203

3. Semester / Year:

First Year/ Semester -I

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) for Health Assessment (2) hour per day a total of (60) hour.**

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

Name: A. Professor: Ali Faris Abdul Hussein

Email: Ali.F.Alsaadi@alkutcollege.edu.iq

8. Course Description

This course is designed to assist the students to focus on the client's holistic assessment that emphasize on physical status as well as psychosocial and cultural aspects. In addition, the course provides the theoretical basis for assessing human level of wellness, personal strengths and physiological alteration through using interview data, nursing observation, results of diagnostic studies and physical examination data.

9. Course Objectives

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

- ✓ Describe the components of the health history
- ✓ Apply interviewing skills and techniques to conduct a successful interview.

- ✓ Evaluate the persons' general health status.
- ✓ Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records and reviewing results of diagnostic test.
- ✓ Explain the sequence of systematic approach of physical examination of body system.
- ✓ Demonstrate the basic techniques of physical examination.
- ✓ Describe the physical examination techniques of inspection, palpation, percussion, and auscultation
- ✓ Identify common instruments used during physical examination.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 2 h Health Assessment Laboratory= 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction of Physical Examination
Week 2	Physical Examination\ Head.
Week3	Physical Examination\ Ear, Nose, Mouth and Throat
Week 4	Neck & Cervical Assessment
Week 5	Integumentary System
Week 6	Exam (1)
Week 7	Lung & Thorax Assessment\part II

Week 8	Abdominal Assessment
Week 9	Peripheral Vascular System & Lymphatic System Assessment
Week 10	Exam (1)
Week 11	Neurological Assessment
Week 12	Eye Assessment
Week 13	Cardiovascular System
Week 14	Musculoskeletal System
Week 15	Exam (3)

12. Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Health Assessment Laboratory Evaluations	20%
Final Health Assessment Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13. Learning and Teaching Resources

- ✓ Smeltzer, S. C., et.al, Textbook of Medical Surgical Nursing, 10th ed, Philadelphia, Lippincott William and William and Wilkins, 2017.
- ✓ Weber Jnet and Jane Kelley, Health Assessment in Nursing, 8nd ed., Philadelphia, Lippincott William & Wilkins, 2014.

Course Description (Microbiology for Nursing-I)

1. Course Name:

Microbiology for Nursing-I

2. Course Code:

MBN 204

3. Semester / Year:

Second Year/ Semester – I +II

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) Microbiology for Nursing (2) hour per day a total of (30) hour.**

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

Name: Dr. Ayat Ali Mahmoud

Email: ayat.ali@alkutcollege.edu.iq

8. Course Description

This course is designed to assist the students to focus on the client's holistic assessment that emphasize on physical status as well as psychosocial and cultural aspects. In addition, the course provides the theoretical basis for assessing human level of wellness, personal strengths and physiological alteration through using interview data, nursing observation, results of diagnostic studies and physical examination data.

9. Course Objectives

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

- ✓ Describe the components of the health history
- ✓ Apply interviewing skills and techniques to conduct a successful interview.
- ✓ Evaluate the persons' general health status.

- ✓ Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records and reviewing results of diagnostic test.
- ✓ Explain the sequence of systematic approach of physical examination of body system.
- ✓ Demonstrate the basic techniques of physical examination.
- ✓ Describe the physical examination techniques of inspection, palpation, percussion, and auscultation
- ✓ Identify common instruments used during physical examination.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Theoretical = 2 h

Laboratory = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction and the historical development of microbiology.
Week 2	The classification of microorganisms
Week 3	Nutritional requirements of bacteria
Week 4	Microbial control
Week 5	Sterilization and Disinfection
Week 6	Gram positive bacteria (cocci bacteria)

Week 7	Genus: Staphylococcus
Week 8	Genus: Streptococcus
Week 9	Exam (1)
Week 10	Gram negative bacilli (Enterobacteriaceae)
Week 11	Other gram-negative bacteria (Helicobacter and Vibrio)
Week 12	Immunity and immune system
Week 13	Immune response
Week 14	Hypersensitivity reactions
Week 15	Antigens and Antibodies reactions

12. Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Health Assessment Laboratory Evaluations	20%
Final Health Assessment Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13. Learning and Teaching Resources

- ✓ Katherine N. Ward, A. Christine McCartney & Bishan Thakker 2009: Notes on Medical Microbiology, 2nd edition. Churchill Livingstone Elsevier. UK.
- ✓ Morello, Mizer & Granato 2006: Laboratory manual and Workbook in Microbiology "Application to patient care", Eighth edition. The McGraw-Hill Companies Inc., USA.
- ✓ Whitman, William B; Rainey, Fred; Kämpfer, Peter; Trujillo, Martha; Chun, Jonsik; Devos, Paul; Hedlund, Brian; Dedysh, Svetlana (eds.) (2015). Bergey's Manual of Systematics of Archaea and Bacteria. John Wiley and Sons.
- ✓ Richard A. Harvey, Cynthia Nau Cornelissen and Bruce D. Fisher. Microbiology. (Lippincott's Illustrated Reviews) 3rd edition. 2014

Course Description (Computer sciences-III)

1. Course Name:

Computer sciences-III

2. Course Code:

COS 205

3. Semester / Year:

Second Year/ Semester – I

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the practical subject for a period of 15 weeks (total 30hours)

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

Name: Assistant lecturer: Doaa Talib Almosawi

Email: Doaa.almosawi@alkutcollege.edu.iq

8. Course Description

This course is designed to help students understand the basics of the computer, learn the word processing program, the spreadsheet program, the progressive presentation program, how to deal with the computer and harness it in the field of nursing, and develop the students' awareness and expand their horizons in the field of modern technology.

9. Course Objectives

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

1. Excellence in the fields of computer and information technologies for students of the College of Nursing, both research and educational, up to high quality.
2. Creating and developing academic programs in the field of computer science to keep pace with recent developments with the needs of nursing special tics and society.

3. Developing students' qualitative, cognitive and practical skills.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (1st Semester)

Laboratory= 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Identification of Microsoft Excel Main User Interface (MUI)
Week 2	Explaining Home tab from MUI with Its tools
Week 3	Explaining Insert tab from MUI with Its tools
Week 4	Explaining Insert tab from MUI with Its tools
Week 5	Explaining the Function Formulas
Week 6	Explaining the Function Formulas
Week 7	Identification of Microsoft Power point Main User Interface (MUI)
Week 8	Identification of Microsoft Power point Main User Interface (MUI)
Week 9	Explaining Home tab from MUI with Its tools
Week 10	Explaining Home tab from MUI with Its tools
Week 11	Exam (1)
Week 12	Explaining Animations in Slide viewing
Week 13	Explaining Animations in Slide viewing
Week 14	A comprehensive review of the program

Week 15	Exam (1)
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12.Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Health Assessment Laboratory Evaluations	20%
Final Health Assessment Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Fundamental Concepts of Computer Science
- ✓ Basic Computer Science

Course Description (Baath Party Crimes)

13.Course Name:

Baath Party Crimes

14.Course Code:

CDB 206

15.Semester / Year:

Second Year/ Semester -I

16.Description Preparation Date:

3-10-2023

17.Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours)**

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

Name: Assist. Lec. Montazer Hilal Hamidi Al-Lami

Email: Mntzrhla18@gmail.com

20.Course Description

In this course, the student learns about what crime is, its types, and the most important crimes committed by the Baathist regime, including psychological, social, environmental, and mass grave crimes.

21.Course Objectives

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

- ✓ Identify the nature of crime and its types
- ✓ Identify psychological and social crimes
- ✓ Introducing environmental crimes
- ✓ Identifying crimes in mass graves

22. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	What are crimes linguistically and terminologically?
Week 2	Crime departments
Week 3	Decisions issued by the Supreme Criminal Court
Week 4	Psychological crimes and their effects
Week 5	Social crimes and their effects
Week 6	The Baath regime's position on religion
Week 7	Exam
Week 8	Environmental crimes
Week 9	Destruction of cities and villages
Week 10	Drying the marshes
Week 11	Dredging orchards
Week 12	Social graveyard crimes
Week 13	Genocide cemeteries events
Week 14	Chronological classification of genocide graves
Week 15	Exam

23.Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Theory Exam	70%
Total	100 %

24.Learning and Teaching Resources

✓ A course for public and private universities

Description (Adult Nursing -II)

1. Course Name:

Adult Nursing -II

2. Course Code:

NUR207

3. Semester / Year:

First Year/ Semester -II

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(4) hours per week for the theoretical subject for a period of 15 weeks
(total 60 hours) for Nursing Laboratory (12) hour per day a total of (240) hour.**

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

Name: Dr. Hussein Aadi Ubaid

Email: Hussein.Ubaid@Alkutcollege.edu.iq

8. Course Description

This course provides the student with the knowledge, skills and attitudes that are essential for effective and comprehensive nursing care for adults in the uncritical medical and surgical illness. The related concepts of path physiology, fundamentals of nursing and pharmacology are integrated.

9. Course Objectives

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

1. Identify risk factors and nursing interventions in promoting and Maintaining health in a selected client population.
2. Relate the path physiology of selected medical/ surgical alterations. To the health – illness continuum.

3. Discuss scientifically based rational for performing selected Diagnostic procedure, outcomes and nursing responsibilities.
- 4- Describe drug therapies and their related outcomes for clients Undergoing medical/ surgical interventions.
- 5.Explain nutritional needs of patients with selected medical/ Surgical alterations.
- 6.Discuss principles of teaching- learning processes as they related to The adult/ older adult patient.
- 7.Apply the theoretical concepts, scientific principles in planning Care of patients.
- 8.Demonstrate competence in implementing nursing interventions to Meet client-oriented goals.
- 9.Demonstrate safe administration of drug and parenteral therapy.
- 10-Participate in teaching patients
- 11.Demonstrate effective communication with patients, instructor and Health members.
- 12.Describe pre- operative nursing measures of avoiding the risk of Infection and the excepted post- operative complications.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure

Theoretical = 4 h Nursing Laboratory= 12 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to adults nursing. - Nursing management of patients with nervous system disorder Assessment and diagnostic test

Week 2	Intracranial pressure Head injury Brain tumor Meningitis Brain abscess. Epilepsy.
Week 3	Rehabilitation in Nursing Nursing management of patients with Renal disorders.
Week 4	Assessment and diagnostic test Cardinal signs and symptoms Urinary tract infection Prostatic hyperplasia End stage of renal failure Renal stone..
Week5	Nursing management of patients with Musculoskeletal disorders. Introduction Fracture Osteomyelitis Rheumatoid arthritis RA Amputation
Week 6	First Med Exam
Week 7	Nursing management of patients with Cardiovascular disorders. Assessment, signs and symptoms, and diagnostic test Mitral disease (stenosis and regurgitation)
Week 8	Congenital heart disease (ASD,VSD and tetralogy of fallot) Cardiac catheterization Coronary artery bypass graft (CABG)

Week 9	
Week 10	Nursing management of patients with ophthalmic disorders. Assessment and diagnostic test Cataract Glucoma.
Week 11	Nursing management of patients with, Nose and Throat (ENT) Sinusitis Tonsillitis Otitis media Ca larynx
Week 12	Nursing management of patients with Integumentary disorders. Anatomy and physiology Assessment OF integumentary system Dermatitis Autoimmune disease
Week 13	Second- Med Exam

12.Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Nursing Laboratory Evaluations	20%
Final Nursing Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Brunner & Suddarth's Textbook of Medical-Surgical Nursing (Brunner and Suddarth's Textbook of Medical-Surgical) 2018.
- ✓ Understanding Medical Surgical Nursing Fifth Edition 2015.

Course Description (Pathophysiology for Nurses)

1. Course Name:
Pathophysiology for Nurses
2. Course Code:
CDB 208
3. Semester / Year:
Second Year/ Semester -I
4. Description Preparation Date:
4-2-2024
5. Available Attendance Forms:
Recording the student's attendance in theoretical lectures
6. Number of Credit Hours (Total) / Number of Units (Total)
(2) hours per week for the theoretical subject for a period of 15 weeks (total 30 hours)
7. Course administrator's name (mention all, if more than one name)
Name: Assist. Lec. Sajjad Sadiq Salman Email: saj2019jas@gmail.com
8. Course Description
This course is designed to provide the nursing student with basic knowledge related to the principles of diseases: This course provides the student with knowledge and understanding of the causes of diseases, the way they occur, and the changes that accompany them at the level of the cell, tissue, organ, and body, in addition to structure and function.
9. Course Objectives
<i>At the end of the course the student will be able to:</i>

1. Enable students to obtain knowledge and understanding of the causes of diseases, their mode of occurrence and the accompanying changes at the level of the cell, tissue, organ and body, in addition to structure and function.
2. He has a skill that enables him to differentiate between different diseases in terms of their effects on the body.
3. Enable the student to analyze the impact of the disease on the body and its complications.
4. Enable the student to distinguish the necessary examinations for pathological conditions, such as laboratory, radiological and other examinations..
5. Analyze the reason for choosing a treatment over another.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (2nd Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to Pathophysiology
Week 2	Changes at cellular level
Week 3	Genes and genetic diseases
Week 4	Inflammation
Week 5	Neoplasia
Week 6	Alteration in immune responses
Week 7	Disorders in white blood cells and lymphoid tissue

Week 8	Alterations in RBC and oxygen transport
Week 9	Disturbances in blood flow
Week 10	Alteration in cardiac function
Week 11	Alteration in kidney
Week 12	GIT Disorders
Week 13	Disorders in the Accessory organs of the GIT
Week 14	Disorders in the Respiratory System
Week 15	Disorders in the Nervous System

12.Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Theory Exam	70%
Total	100 %

13.Learning and Teaching Resources

- ✓ Kumar, Abbas and Aster: Robbins Basic Pathology 10th ed 2018
- ✓ C Simon Herrington: Muir's Textbook of Pathology 15th ed 2014
- ✓ Porth: Pathophysiology of altered health

Course Description (Microbiology for Nursing-II)

1. Course Name:

Microbiology for Nursing-II

2. Course Code:

MBN 209

3. Semester / Year:

Second Year/ Semester –II

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) for Microbiology for Nursing (2) hour per day a total of (30) hour.**

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

Name: Dr. Ayat Ali Mahmoud

Email: ayat.ali@alkutcollege.edu.iq

8. Course Description

This course is designed to assist the students to focus on the client's holistic assessment that emphasize on physical status as well as psychosocial and cultural aspects. In addition, the course provides the theoretical basis for assessing human level of wellness, personal strengths and physiological alteration through using interview data, nursing observation, results of diagnostic studies and physical examination data.

9. Course Objectives

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

- ✓ Describe the components of the health history
- ✓ Apply interviewing skills and techniques to conduct a successful interview.
- ✓ Evaluate the persons' general health status.

- ✓ Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records and reviewing results of diagnostic test.
- ✓ Explain the sequence of systematic approach of physical examination of body system.
- ✓ Demonstrate the basic techniques of physical examination.
- ✓ Describe the physical examination techniques of inspection, palpation, percussion, and auscultation
- ✓ Identify common instruments used during physical examination.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (2nd Semester)

Theoretical = 2 h

Laboratory = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to Parasitology Protozoa and flagellates Classification of human parasites E. histolytica and E. coli/ Small amoebiasis
Week 2	Entamoeba histolytica, Entamoeba coli
Week 3	ciliophora Balantidium coli Atrial flagellates Trichomonas vaginalis and Trichomonas spp Intestinal Flagellates/ Giardia lamblia

Week 4	Tissue flagellates/ Leishmania spp. Blood and tissue flagallates (Leishmania spp. and Trepanosoma spp.)
Week 5	*apicomplexa :include 1-Plasmodium Spps 2-Toxoplasmas gondii *Class sporozoa Malaria parasites (Plasmodium spp.) Toxoplasma gondii
Week 6	*Helminthes Cestoda 1-Helminthes- class cestoda Taenia solium, T. Saginata, Echinococcus granulosus,Hymenoleps nana
Week 7	2-Trematoda Fasciola hepatica,, Schistosoma haematobium, Schistosoma mansoni, Shistosoma japonicum
Week 8	3- Nematoda Ascaris lumbreciod, Anchylostoma duodenale, Enerobius vermicularis, Trichuris trchiura
Week 9	* Virology General properties of viruses Persistent Viral Infections Common routes of viral infection in human
Week 10	*Measles Mumps, Rubella viruses.
Week 11	*AIDS, Rotaviruses, Human Cancer Viruses.
Week 12	*Hepatitis A, B, C, D, E and cov-19
Week 13	* Hospital acquired infection Introduction to Hospital acquired infection (nosocomial infection)
Week 14	Microorganisms cause hospital acquired infection problems.
Week 15	*Mycology, Fungal Infections

12. Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Health Assessment Laboratory Evaluations	20%
Final Health Assessment Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13. Learning and Teaching Resources

- ✓ Katherine N. Ward, A. Christine McCartney & Bishan Thakker 2009: Notes on Medical Microbiology, 2nd edition. Churchill Livingstone Elsevier. UK.
- ✓ Morello, Mizer & Granato 2006: Laboratory manual and Workbook in Microbiology “Application to patient care”, Eighth edition. The McGraw-Hill Companies Inc., USA.
- ✓ Whitman, William B; Rainey, Fred; Kämpfer, Peter; Trujillo, Martha; Chun, Jonsik; Devos, Paul; Hedlund, Brian; Dedysh, Svetlana (eds.) (2015). Bergey's Manual of Systematics of Archaea and Bacteria. John Wiley and Sons.
- ✓ Richard A. Harvey, Cynthia Nau Cornelissen and Bruce D. Fisher. Microbiology. (Lippincott's Illustrated Reviews) 3rd edition. 2014

Course Description (Pharmacology for Nurses -II)

1. Course Name:

Pharmacology For Nurses -II

2. Course Code:

PHR210

3. Semester / Year:

Second Year/ Semester - II

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours) per semester

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

Name: Assist. Prof Dr. Sarhan Rashid Sarhan

Email: srashid@uowasit.edu.iq

8. Course Description

The student should have extensive knowledge of medicines, their types, and the mechanisms of their action. Understanding of physiological and biochemical principles related to drug action. Know how to use medicines and the effect of drugs on the different of body system. Principles and methods of drug administration. Knowing the different types of medicines and their methods. Identify the side effects of drugs and their pharmacokinetics. Knowing the toxicity of drugs and methods of evaluating the safety of drugs and their intersection with other drugs or foods.

9. Course Objectives

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

- ✓ The student's knowledge of the different types of drugs, the scientific classification followed for these drugs, and the study of their chemical composition.
- ✓ The student's knowledge of the course of these drugs, starting from absorption, diffusion, metabolism and excretion outside the body
- ✓ Knowing the methods of evaluating drugs.
- ✓ The student's knowledge of injuries and diseases that can be treated with special types of medicines
- ✓ Identify the ways in which drugs affect enzymes and receptors
- ✓ The student will be able to choose the appropriate treatment for diseases.
- ✓ The student can avoid side effects and toxicity.
- ✓ The student will be able to calculate the appropriate dose of medication B4- The student will be able to evaluate the treatment and its safety and risk.
- ✓ The student will be able to know the precautions for the use of medicines and methods of treating misuse and overdose.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (2nd Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Antihyperlipidemic
Week 2	Blood drugs
Week 3	Endocrines

Week 4	Hormonal therapy
Week5	Chemotherapy of microbial diseases
Week 6	Antibacterial drugs
Week 7	Antifungal drugs
Week 8	Antiviral drugs
Week 9	Examination (1)
Week 10	Antifungal drugs
Week 11	Antiviral drugs
Week 12	Drugs acting on renal function and fluid-electrolytes therapy
Week 13	Drugs acting on respiratory system
Week 14	Drug interaction
Week 15	Examination (2)

12.Course Evaluation

Midterm Theory examination	25%
Report, Attendance and Quizzes	5%
The total of 30% before the final exam.	
The Final exam	70%
Total	100%

13.Learning and Teaching Resources

- ✓ Lippincott Illustrated Reviews: Pharmacology
- ✓ Pharmacology for nurses.
- ✓ Basic pharmacology for nurses

Course Description (Computer sciences-IV)

1. Course Name:

Computer sciences-IV

2. Course Code:

COS 211

3. Semester / Year:

Second Year/ Semester – II

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks (total 30 hours)

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

Name: Assistant lecturer: Doaa Talib Almosawi

Email: Doaa.almosawi@alkutcollege.edu.iq

8. Course Description

This course is designed to help students understand the basics of the computer, learn the word processing program, the spreadsheet program, the progressive presentation program, how to deal with the computer and harness it in the field of nursing, and develop the students' awareness and expand their horizons in the field of modern technology.

9. Course Objectives

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

1. Excellence in the fields of computer and information technologies for students of the College of Nursing, both research and educational, up to high quality.
2. Creating and developing academic programs in the field of computer science to keep pace with recent developments with the needs of nursing special tics and society.

3. Developing students' qualitative, cognitive and practical skills.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure

Laboratory= 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	<ul style="list-style-type: none"> - Introduction to Computer Skills - Functionalities of a computer - Computer Components - Hardware - Software.
Week 2	<ul style="list-style-type: none"> - Computer Units - Input Unit - Central Processing Unit - Primary Memory Unit - Secondary storage Unit - Output Unit
Week 3	<ul style="list-style-type: none"> - Input Devices - Central Processing Unit - CPU Components
Week 4	<ul style="list-style-type: none"> - CPU Components - ALU

	- Control Unit (CU) - Registers
Week5	- Primary Memory - RAM - ROM
Week 6	- Secondary Memory - Hard Disk - Optical Disk - Flash memory
Week 7	First Month Exam
Week 8	- Output Unit - A monitor - Printer types: -Laser Printer -Ink Jet Printer -Dot Matrix Printer

12.Course Evaluation

First midterm theory exam	10%
Second midterm theory exam	10%
Health Assessment Laboratory Evaluations	20%
Final Health Assessment Laboratory Exam	20%
Final Theory Exam	40%
Total	100 %

13.Learning and Teaching Resources

- ✓ Fundamental Concepts of Computer Science
- ✓ Basic Computer Science

Course Description (Arabic Language for Nursing II)

1. Course Name:

Arabic Language for Nursing II

2. Course Code:

PHR212

3. Semester / Year:

Second Year/ Semester - II

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours).

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

Name: Assistant lecturer :Noor Al-Huda Karim Taban

Email: noor.kareem@alkutcollege.edu.iq

8. Course Description

In this course, the student learns about the origins and rules of the Arabic language, which leads to raising the student's ability to the level of understanding in the field of language using eloquent linguistic methods.

9. Course Objectives

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

- ✓ The program aims to raise the student's ability to the level of understanding in the field of language.
- ✓ Introduction to the origins of speech and sentences.
- ✓ Identifying poetry and its types, prose and its types
- ✓ Able to use eloquent linguistic methods.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure (2nd Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Punctuation marks
Week 2	How to write hamza
Week 3	Sections of speech
Week 4	Original and subsidiary grammatical signs
Week 5	Free poetry
Week 6	The inflected and inflected form of verbs
Week 7	The built and the Arabized are nouns
Week 8	The letter (Dhaad and Dhaa)
Week 9	Sections of the nominal and verbal sentence
Week 10	Healthy and unhealthy actions
Week 11	Passive verb
Week 12	Active verb
Week 13	Modern poetic schools
Week 14	Nazik al-Malaika
Week 15	Jeweler

12.Course Evaluation

First Midterm Theory examination	15%
First Midterm Theory examination	15%
The Final exam	70%
Total	100%

13.Learning and Teaching Resources

- ✓ وصف الكتاب. التحفة السنوية بشرح المقدمة الأجرومية - محمد محي الدين عبد الحميد مطبعة محمد علي صبيح وأولاده - مصر الطبعة التاسعة عشرة 1392هـ - 1972م

Course Description (Maternal & Neonatal Health Nursing)

Course Name:

Maternal & Neonatal Health Nursing

Course Code:

NUR301

Semester / Year:

Third Year/ semester 1 &2

Description Preparation Date:

10-2-2024

Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(8) Credit hours (3) hours per week for theoretical subject (2) hours for lab. (12) hours for clinical training for a period of 15 weeks

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

Name: Prof. Dr. Rabea Mohsen Ali \ Lecturer assist. Lyla Aoun

Email: Prof.dr.Rabea.M.Ali@alkutcollege.edu.iq

Course Description

This course is designed to assist the students:

To provide maternity nursing care for women and their newborn babies during normal and complicated pregnancy, labor, delivery, Postnatal, and for women who experienced gynecological problems, and those who have surgeries.

Course Objectives

Course Learning Objectives (Theory and Clinical):

By the completion of this course the student will be able to:

1-To enable the student to describe the structure & function of female & male reproductive organs.

2-To enable the student to state the hormonal& uterine changes that occur during menstrual cycle, pregnancy & puerperium.

3-To enable the student to provide adequate nursing care for women during normal & complicated pregnancy.

4- To enable the student to provide adequate nursing care for pregnant women during normal & complicated conditions of labor & delivery.

5- To enable the student to assist women during normal delivery conditions.

6- To enable the student to provide adequate nursing care for pregnant women during normal & complicated puerperal period.

7- To enable the student to provide adequate nursing care for women who having obstetrical & gynecological problems & surgeries.

Teaching and Learning Strategies

✓ Lecture, Small groups work, Discussion, lab. Role play, demonstrations & clinical Training, & students self- learning

Learning Resources

✓ Whiteboard, data show & handout, films, CDs, midwifery lab., primary health care centers and maternity teaching hospitals, E-learning, flip chart, pamphlets & posters.

Course Structure

Theoretical = 3 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Human Reproductive system: Anatomy & Physiology -Puberty -Reproductive system (Anatomy & Physiology of male& female). -Menstrual Cycle.
Week 2	Pregnancy:

	<ul style="list-style-type: none"> -Normal pregnancy -Development & physiology of fetus. -Physiological & Psychological changes of pregnancy
Week3	-Pre-natal care
Week 4	<p>Nursing care during complications of pregnancy</p> <ul style="list-style-type: none"> - Nursing care during Ant partum Hemorrhage, - Nursing care during Pregnancy Induced Hypertension,
Week5	<ul style="list-style-type: none"> - Nursing care during Gestational Diabetic, - Nursing care during Urinary Tract Infection, - Nursing care during anemia).
Week 6	<p>Normal Labor & delivery</p> <ul style="list-style-type: none"> -Theories of labor onset. -Signs of labor. -Components of labor.
Week 7	<ul style="list-style-type: none"> -Stages of labor. -Nursing management of each stage of labor
Week 8	-Using of partograph in labor
Week 9	<p>Complication of labor</p> <ul style="list-style-type: none"> -Nursing management during complicated labor & delivery.
Week 10	<p>-Obstetrical operation:</p> <p>Nursing care during obstetrical operation</p> <ul style="list-style-type: none"> -Episiotomy, forceps, - C/S - induction & Augmentation of labor).
Week 11	<p>Puerperium:</p> <ul style="list-style-type: none"> -Physiologic & physiological changes during Puerperium. -Nursing management during normal Puerperium.

	Nursing management during complicated Puerperium (PPH),
Week 12	Family planning: -Objectives of family planning in Iraq. -Contraceptive methods in Iraq including emergency contraceptive. -Advantages & disadvantages of each method. -Role of Nurse in family planning in primary health care centers & hospitals including health education & counseling.
Week 13	Neonatal nursing care: -Physiological changes & adaptation to extra uterine environment. -Nursing assessment & management of neonate. - Immediate & daily neonatal care. -Nursing assessment & management for high-risk neonate. -Regulation of birth & death certificate for newborn & its importance
Week 14	-Nursing assessment & management for high risk neonate. -Regulation of birth & death certificate for newborn & its importance
Week 15	Gynecological disorders: -Nursing care for common gynecological disorders -Prolapsed of genital tract, benign & malignancy of genital tract & menstrual disorders) & Infertility

14.Course Evaluation	
2 midterm theory exam	15%
Clinical evaluation	15%
Quizzes	5%
Report	5%
Final theoretical Exam	40%
Final clinical Exam	20%
Total	100 %

Learning and Teaching Resources

- 1-Maternity Nursing, Reeder J, Martin.L ,19th ed., Lippincott, Philadelphia, New York, 2003.
- 2-Maternal & child health nursing, Pillitteri ,4rd ed., Lippincott ,2003
- 3-Obestetric & Gynecology ,Magwan. B, 2nd ed.,Churchill Livingstone,,2000
- 4-Maternity & women health , Lowdermilk, D. ,Perry.S.,Bobak.I.,7th ed.,Mosby, 2004
- 5-Essentials of obstetrics & gynecology ,3rd ed., W.B Saunders company ,1998
- 6-Maternal newborn nursing , Olds .S., London .M., Davidson .M.,7th ed ., Pearson education ,2004

Course Description (Research Methods in Nursing)

Course Name:

Research Methods in Nursing

Course Code:

BST 302

Semester / Year:

Third Year/ semester 1 &2

Description Preparation Date:

30-1-2024

Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours)**

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

Name: Lecturer Dr. Marwa Jabbar Saiwan

Email: Marwa.Saiwan@Alkutcollege.edu.iq

Course Description

The course is designed to provide the nursing students with knowledge related to basic concept & principle of scientific research process. It is contributed to increase their knowledge, awareness, understanding & recognition on areas of priorities for nursing research.

Course Objectives

By the completion of this course the student will be able to:

- ✓ Identify research concept, purpose, and characteristics of scientific research.
- ✓ Search for nursing problem statement.
- ✓ List sources of nursing research problem.
- ✓ Discuss initial & secondary sources in nursing research.

- ✓ Describe types of variables used in nursing research.
- ✓ Discuss type of research design.
- ✓ Define the population, sampling & sample
- ✓ Discuss type of sampling techniques.
- ✓ Identify the various methods used in data collection.

Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational means, such as the smart board, data shows and scientific pictures that bring the subject closer to the students' minds.

Course Structure

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction of Scientific Research Basic concept. Purpose of scientific research. Characteristic of scientific research & research hypothesis
Week 2	Major steps in research process
Week 3	Research problem & Research Question\1
Week 4	Research problem & Research Question\2
Week 5	Objectives & Hypothesis
Week 6	Literature review & references (APA)\1
Week 7	Literature review & references (APA)\2
Week 8	Sample & Sampling: Population.

	Sample. Type of sample.
Week 9	Sample size calculation\1
Week 10	Sample size calculation\2
Week 11	Research Design: Experimental design. Quasi Experimental design. Non-Experimental design. Survey.
Week 12	Measurement & data collection (Questionnaires & study tools)
Week 13	Tabulation & analysis of data
Week 14	Discussion of the results
Week 15	Guidelines for writing Graduation project report

Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Exam	70%
Total	100 %

Learning and Teaching Resources

 **Foundations in Nursing Research (6th Edition) (Nieswiadomy, Foundations of Nursing Research)**

Course Description (Health Sociology)

Course Name:
Health Sociology
Course Code:
HOS 303
Semester / Year:
Third Year/ semester 1 &2
Description Preparation Date:
30-1-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures
Number of Credit Hours (Total) / Number of Units (Total)
(2) hours per week for the theoretical subject for a period of 15 weeks (total 30 hours)
Course administrator's name (mention all, if more than one name)
Name: Lecturer Dr. Hashim Hamid Shabeeb
Email: hashim.shabeeb@alkutcollege.edu.iq
Course Description
This course is designed to present knowledge base of issues from sociological point of view. So, medical orientation towards promoting and preserving health of population is increased.
Course Objectives
<i>At the end of the course the student will be able to:</i>
<ul style="list-style-type: none">✓ To demonstrate the effect of social and economic factors on health, healing and illness on the community behaviors and lifestyle.✓ To apply the knowledge base of medical sociology and related sciences such social epidemiology.

Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational means, such as the smart board, data shows and scientific pictures that bring the subject closer to the students' minds.

Course Structure

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction of sociology:
Week 2	Social interaction and health
Week3	Social interaction and health
Week 4	Illness and disease
Week 5	Illness behavior
Week 6	Effects of Social Illness\1
Week 7	Effects of Social illness\2
Week 8	Effects of Social illness\3
Week 9	Impact of Social illness on the family\1
Week 10	Impact of Social illness on the family\2
Week 11	Lifestyle
Week 12	Quality of life\1
Week 13	Quality of life\2
Week 14	Stress
Week 15	Social relationship

Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Exam	70%
Total	100 %

Learning and Teaching Resources

 **Cooke,H.philipin,S.(2008).Sociology in Nursing and health care Elsevier Limited**

Course Description (Human Right)

1. Course Name:

Human Right

2. Course Code:

HUM 304

3. Semester / Year:

Second Year/ Semester 1&2

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours)**

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

Name: Assist. Lec. Montazer Hilal Hamidi Al-Lami

Email: Mntzrhla8@gmail.com

8. Course Description

In this course, the student learns about the principles of human rights, knowledge of freedoms related to others, and knowledge of guarantees for ensuring rights and freedoms.

9. Course Objectives

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

- ✓ Helping the student obtain general information about human rights
- ✓ The student's knowledge of his rights and freedoms stipulated in the constitution, international and regional charters and declarations
- ✓ Introducing the Universal Declaration of Human Rights
- ✓ Introduction to the League of Nations and the United Nations Organization.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introducing human rights, their importance and characteristics
Week 2	The historical basis of human rights
Week 3	Human rights in contemporary history
Week 4	International human rights sources
Week 5	Non-governmental organizations concerned with human rights
Week 6	Human rights in national constitutions
Week 7	Exam
Week 8	Guarantees to protect human rights
Week 9	Because the world is for human rights
Week 10	The main components or elements of democracy
Week 11	Human rights in the Iraqi Constitution in 2005
Week 12	Civil and political rights
Week 13	Cultural rights
Week 14	General examples
Week 15	Exam

11.Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Theory Exam	70%
Total	100 %

12.Learning and Teaching Resources

✓ د. حميد حنون خالد، حقوق الانسان، مكتبة السنهوري, 2015.

Description (Diet & Nutrition)

1. Course Name:

Diet & Nutrition

2. Course Code:

HUM 305

3. Semester / Year:

Second Year/ Semester 1&2

4. Description Preparation Date:

3-10-2023

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) hours per week for the theoretical subject for a period of 15 weeks
(total 30 hours)**

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

Name: lecturer Burhan Hadi

Email: Burhan.H.Drub@alkutcollege.edu.iq

8. Course Description

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

9. Course Objectives

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

- ✓ Know the fundamental principles of human nutrition.
- ✓ Identify the relationship between nutrition and body energy.
- ✓ Recognize the specification and functions of different nutritional elements.

- ✓ Understand the importance of applied nutrition (curative) as an essential part of the nursing care.
- ✓ Assess types of nutrition according to the category of clients.
- ✓ Assist in helping client adopt and enjoy eating the prescribed food.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

Course Structure (1st Semester)

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Fundamentals of Nutrition.
Week 2	Assessment of Nutritional Status
Week 3	Dietary references and diet - planning
Week 4	Metabolism and Nutrition
Week 5	Carbohydrates\1
Week 6	Carbohydrates\2
Week 7	Lipids
Week 8	Amino Acids and Protein\1
Week 9	Amino Acids and Protein\2
Week 10	Vitamins & Minerals
Week 11	The Healthiest Diet
Week 12	Nutrition during pregnancy & lactation\1

Week 13	Nutrition during pregnancy & lactation\2
Week 14	Child & Adolescent Nutrition\1
Week 15	Child & Adolescent Nutrition\2

11. Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Final Theory Exam	70%
Total	100 %

12. Learning and Teaching Resources

- ✓ Grodner, Anders on. De young, Foundations and Clinical Application of Nutrition A Nursing Approach, second Edition, Mosby, 2000.
- ✓ Grodner, Michele et.al, Foundations and Clinical Applications of Nutrition A Nursing Approach, St. Lweis, Mosby Inc,2004
- ✓ Williams, Sue Rodwel and Eleanor D. Schlenker, Essentials of Nutrition and Diet Therapy, 8th ed., London, Mosby Inc., 2003.

Course Description (Child and Adolescents Nursing)

1. Course Name:

Child and Adolescents Nursing

2. Course Code:

NUR 306

3. Semester / Year:

Third Grade/First or second semester

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(8) Credit hours (3) hours per week for theoretical subject (2) hours for lab. (12) hours for clinical training for a period of 15 weeks

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

Name: Asst. Lec. Nawfel Fadhil Hamza

Email: Nawfel.F @Alkutcollege.edu.iq

8. Course Description

This course designed to develop the knowledge that necessary for nursing student to provide basic nursing care of children through the life span from infant to adolescent in health and sickness, including the role of the family in child care. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family center approached in the provision of empowered care. Applying nursing process to achieve successful integration of theoretical understanding in relation to clinical application during child care.

9. Course Objectives

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

1. Define the role of the pediatric nurse in the care of the pediatric patients from

Infancy to adolescence.

2. Identify health care needs of children.
3. Establish nursing diagnosis for the child in the acute care arena as well as in the community.
4. Identify the nursing process in caring for the child utilizing evidence-based practice.
5. Discuss nursing care according to the child's age and developmental stage.
6. Identify teaching strategies for the child's family about the care required for his disease process.
7. Describe the importance of the child's and the families' culture when planning and implementing care.
8. Discuss ethical and legal principles when caring for the child

Clinical objectives

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

1. Identify the role of the nurse in the pediatric care setting.
2. Perform a head-to-toe assessment of the pediatric patient.
3. Develop a plan of care in collaboration with ill child, family, as well as their Ter disciplinary health care team, using the nursing process for a pediatric patient with health care needs.
4. Deliver appropriate nursing care to the pediatric patient based on diagnosis, age and developmental stage.
5. Consider the culture of the pediatric patient and the family when planning care.
6. Utilize appropriate teaching strategies when instructing the pediatric patient and family.
7. Apply ethical and legal principles when caring for the pediatric patient and family.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure

Theoretical= 3h

Laboratory= 2 h

Clinical =12

Date of Class	Unit to be Covered and/or Activity
Week 1	Part 1. Introduction Pediatric Nursing: <ul style="list-style-type: none">- Perspectives of Pediatric Nursing- Communication with children- Immunization & immunity- Health assessment of the child
Week 2	Part 2. Newborn Care: <ul style="list-style-type: none">- Immediate newborn care- High risk neonate according to (gestational age, birth weight)- Birth injuries (cerebral palsy, facial paralysis, cephalohematoma, brachial plexus, and caput succedaneum)
Week 3	Part 3. Child with Respiratory dysfunctions: <ul style="list-style-type: none">- Upper Airway Infections (common cold, tonsillitis, otitis media)- Lower Airway Infections (pneumonia, asthma, bronchitis, bronchiolitis)
Week 4	Part 4. Child with Genitourinary dysfunction: <ul style="list-style-type: none">- Urinary tract infection- Nephritic syndrome- Glomerulonephritis

	- Undescended testis
Week 5	Mid-term Exam
Week 6	Part 5. Child with Gastrointestinal dysfunction: <ul style="list-style-type: none"> - Gastroenteritis - Cleft lip and palate - pyloric stenosis - Hirschsprung disease - Imperforated anus - Intussusception - Celiac disease
Week 7	Part 6. Child with Blood dysfunction: <ul style="list-style-type: none"> - Iron deficiency anemia - Thalassemia - Hemophilia - Sickle cell anemia - Glucose 6 phosphate dehydrogenase.
Week 8	Part 7. Child with cardiovascular dysfunction: <ul style="list-style-type: none"> - Cyanotic heart diseases - A cyanotic heart diseases
Week 9	Part 8. Child with neurological dysfunction <ul style="list-style-type: none"> - Spina bifida - Hydrocephalus - Meningitis
Week 10	Part 9. Child with Endocrine dysfunction: <ul style="list-style-type: none"> - Diabetes mellitus - Growth hormone deficiency - Hypothyroidism
Week 11	Final Exam

Week 12	
Week 13	
Week 14	
Week 15	

12.Course Evaluation	
2 midterm theory exam	15%
Clinical evaluation	15%
Quizzes	5%
Report	5%
Final theoretical Exam	40%
Final clinical Exam	20%
Total	100 %

13.Learning and Teaching Resources
✓

Course Description (Biostatistics)

1. Course Name:

Biostatistics

2. Course Code:

NUR 307

3. Semester / Year:

Third Grade/First or second semester

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

**(2) Credit hours (2) hours per week for theoretical subject
for a period of 15 weeks**

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

Assistant Lecturer: Haider Mansour Kadhem

Email: haider.daham@alkutcollege.edu.iq

8. Course Description

This course designed to develop the knowledge that necessary for nursing student to provide basic nursing care of children through the life span from infant to adolescent in health and sickness, including the role of the family in child care. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family center approached in the provision of empowered care. Applying nursing process to achieve successful integration of theoretical understanding in relation to clinical application during child care.

9. Course Objectives

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

1. Learn about the foundations of statistics

2. Identify statistical equations
3. Apply knowledge in analyzing research results
4. Use optimal statistics in data analysis
5. The ability to analyze research results.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure

Theoretical= 2h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to Statistics
Week 2	Data Collection & Variables types
Week 3	Data Presentation
Week 4	Frequency Dispersion and Central Limit Measurements\1
Week 5	Frequency Dispersion and Central Limit Measurements\2
Week 6	Estimation & Hypothesis Test\1
Week 7	Estimation & Hypothesis Test\2
Week 8	Sample Size Calculation
Week 9	Part\1- Statistical software
Week 10	Part\2- Statistical software
Week 11	Analysis of Variance\ 1 (T Test & Paired t test)

Week 12	Analysis of Variance\ 2 (T Test & Paired t test)
Week 13	Chi-Square Test
Week 14	Vital Statistics 1 (Morbidity & Mortality)
Week 15	Vital Statistics 2 (Morbidity & Mortality)

12.Course Evaluation

The first midterm theoretical exam:	15%
The second midterm theoretical exam:	15%
Final exam	70%
Total	100 %

13.Learning and Teaching Resources

- ✓ Utts.J. & Heckard R. Mind on Statistics, Australia, Duxbury Thomson Learning, 2002.
- ✓ د. عبد الرحمن بن محمد واخرون، الإحصاء التطبيقي، الرياض، مطابع جامعة الملك سعود، 1995.

Description (Human Growth & Development)

1. Course Name:

Human Growth & Development

2. Course Code:

NUR 308

3. Semester / Year:

Third Grade/First or second semester

4. Description Preparation Date:

4-2-2024

5. Available Attendance Forms:

Recording the student's attendance in theoretical lectures

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

(8) Credit hours (3) hours per week for theoretical subject, (3) hours per week for lab. subject, (6) hours for clinical training for a period of 15 weeks

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

Name: Asst. Lec. Nawfel Fadhil Hamza

Email: Nawfel.F @Alkutcollege.edu.iq

8. Course Description

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

9. Course Objectives

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

- 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 to show the understanding of the principles.
- 5- Describe the physical, social, emotional, spiritual and mental development that take place during different stages of the human being's life.
- 6- Measure and records a particular weight, height, head circumference on a growth chart, In addition to use of Denver development screening test.
- 7- Explain the stages of growth and development throughout the human being life cycle.
- 8- Identify developmental problems the Individual face during different stages of growth and development.
- 9- Discuss the role of the peer group, play, school and friends on the socialization of early and middle childhood and adolescence periods.

10. Teaching and Learning Strategies

- ✓ Method of delivering the lecture using PowerPoint
- ✓ Continuous discussion by asking questions and answers in the hall and motivating the student to self-think and thus to self-learning.
- ✓ Using innovative educational methods, such as scientific instructional pictures, the procedure application, and displaying an educational video that brings the material closer to the students' minds.

11. Course Structure

Theoretical= 3h

Clinical =6h

Date of Class	Unit to be Covered and/or Activity
Week 1	Foundations of growth and development\1
Week 2	Foundations of growth and development\2
Week 3	Growth and development measurement
Week 4	Developmental theories
Week5	Development implications: fetal growth and development

Week 6	Growth & development in infancy period\1
Week 7	Growth & development in infancy period\2
Week 8	Early childhood Period\1
Week 9	Early childhood Period\2
Week 10	Middle childhood and latency period (the school age) \1
Week 11	Middle childhood and latency period (the school age)\2
Week 12	Adolescence period\part-1
Week 13	Adolescence period\ part-2
Week 14	Adulthood period\part-1
Week 15	Adulthood period\part-2

12.Course Evaluation

2 midterm theory exam	15%
Clinical evaluation	15%
Quizzes	5%
Report	5%
Final theoretical Exam	40%
Final clinical Exam	20%
Total	100 %

13.Learning and Teaching Resources

- ✓ Hockenberry, M. J., & Wilson, D. (2019). Wong's nursing care of infants and children-E-book. Elsevier Health Sciences.

