



Al-Kut university college
Nursing Department

Course Description



COURSE DESCRIPTION FORM

Course Name:

Fundamentals of Nursing-I

Course Code:

NUR101

Semester / Year:

First Year/ Semester -I

Description Preparation Date:

24-12-2023

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 (6) hour per day a total of (90) 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

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.

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 = 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
Week5	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)

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 %

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 FORM

Course Name:
Biochemistry
Course Code:
CHM102
Semester / Year:
First Year/ Semester -I
Description Preparation Date:
13-2-2024
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 45 hours) for Nursing Laboratory (30) hour per day a total of (75) hour.
Course administrator's name (mention all, if more than one name)
Name: Assist Lecturer Shahad Abbass
Email:
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.
Course Objectives
<ul style="list-style-type: none">✓ Understand the clinical distinguish between carbohydrates , lipids, amino ac ,proteins and enzmes Understand the role of hormones and the metabolic reactios in body . Use laboratory methods for monitoring biochemical reaction in biological.✓ 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, procedure application, and displaying an educational video that brings the material closer to the students' minds.

A. 10 بنية المقرر النظري

طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الأسبوع
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Introduction to Biochemistry	*Introduction to Biochemistry Medical Biochemistry Importance of biochemistry to nurses	3	.1
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Carbohydrates	Carbohydrate Chemistry Biological importance Classification of Carbohydrates Isomerism Chemical properties of CHOs Carbohydrate Metabolism	3	.2
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Carbohydrates	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	3	.3
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Exam		3	.4
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Lipids	Lipids Functions and importance of lipids Neutral lipid Identification	3	.5
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Lipids	Characterization of fats an Compound lipids Methods used for separation of lipoproteins Bile acid and Bile salts	3	.6
الامتحانات القصيرة، و الفصلية، و النهائي	محاضرة نظرية باستخدام برنامج power point	Lipids	Metabolism of lipids Pathway of Lipolysis and Lipogenesis B - Oxidation of fatty	3	.7





الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Lipids	Energetics (ATP produce) Ketone bodies Abnormalities in blood lipid	3	.8
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Proteins	Proteins Functions of proteins Amino acid Classification Functions of amino acids	3	.9
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point		Digestion and Absorption of Proteins Dynamic Equilibrium Metabolism of amino acids Blood Proteins	3	.10
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point		Disturbance in protein metabolism Non protein nitrogen compound Kidney functions (Urea, Creatinine, Uric acid, Ammonia	3	.11
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Enzymes	General properties of enzymes Chemical composition of enzymes Classification of Enzymes Classification of Co-enzymes	3	.12
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point		Enzymes specificity Enzymes activity Serum enzyme	3	.13
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Exam		3	.14
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج Power point	Urine and Calculi	Normal characteristic of urine Constituents of normal urine Urine Collection General urine examination	3	.15

. 10B. بنية المقرر العملي		
Lab number	Study unit title	Hours
1	Introduction to Biochemistry	2
2	Colorimetry and spectrophotometr	2
3	Serum blood glucose	2
4	Serum blood cholesterol	2
5	Exam	2
6	. Serum blood protein	2
7	Serum blood urea	2
8	Serum blood creatinine	2
9	Serum blood creatinine clearance	2
10	Exam	2
11	Serum blood uric acid	2
12	Bilirubin	2
13	Urine	2
14	Exam	2

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 %

Course Description Form

Course Name:
Anatomy for Nurse
Course Code:
ANT103
Semester / Year:
First Year/ semester -I
Description Preparation Date:
30-1-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures and practical laboratories
Number of Credit Hours (Total) / Number of Units (Total)
(3) hours per week for the theoretical subject and (2) for the practical subject - 15 weeks (total 75 hours)
Course administrator's name (mention all, if more than one name)
Name: Dr Marwa Jabbar Saiwan Email: Marwa.Saiwan@Alkutcollege.edu.iq
Course Objectives
<ul style="list-style-type: none"> 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.

Teaching and Learning Strategies

- ✚ 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.




Course Structure

Theoretical = 3 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Introduction to the Anatomy Definition of Anatomy ,Histology, The cell and Tissue. Division of the anatomy The main Tissues of the body, Types of Epithelium
Week 2	The Digestive System The general structure of GIT, Describe The Constituents of the GIT, The Structure of the elementary canal (The Oral Cavity , the pharynx, Esophagus). describe Their structure , shape, location and functions. The

	Stomach ,Parts and structure of the stomach and the blood and nerve innervation
Week3	<p>The Small intestine</p> <p>The constituents of Small intestine , Structure ,Innervation , Blood vessels of the small intestine , The constituents (parts) of Large Intestine , The Accessory organs (Salivary glands , Liver , Gall bladder and Pancreas), Describe The structure , shape, location and functions blood and nerve innervation.</p>
Week 4	<p>The Respiratory system</p> <p>Describe The anatomical Structure of the Upper Respiratory tract and the lower Respiratory tract their structure , shape, location, functions and Clinical Disorders Structures of Nasal Cavity , The nose, Paranasal Sinuses , The Structure of the Pharynx, The Larynx or Voice Box , of Larynx, The Trachea, The Bronchi and the Bronchial Tree , The Lungs, The constituents of the Lungs) also describe the blood and nerve innervation</p>
Week5	<p>The skeletal system</p> <p>Describe The Types of bone, classifications of Bones, The component of the skeletal system, and the Division and functions of the Skelton, The constituents of axial Skelton and peripheral skeleton . classified of the skeleton according to their shape . Types of Bone Cells. The joints, their Definition , characteristic features, types and classification of the Joints.</p>
Week 6	<p>The Muscular system</p> <p>(Describe The Characteristic feature of Muscular Tissue, Types Of Muscles , Structural Organization of Skeletal Muscle, Structural Organization of Myofibrils and Myofilaments, Structures of Neuromuscular Junction (Chemical Synapse and Motor End Plate) , Functions Of Skeletal Muscle, Development Of Skeletal Muscle, Cardiac Muscle Fibers, Specific structure of cardiac muscle fiber, Characteristic features of Smooth Muscle Fiber,</p>

	Types of Smooth Muscle , The Differences Between Skeletal Muscle, Cardiac Muscle And Smooth Muscle Tissues.
Week 7	<p>The Nervous system</p> <p>Describe The nervous tissue The Structure of the neuron ,types of neurons The main character features of the nerve cells , Types of neurons according to the shape and size of their processes and functions , classification and Division of the nervous system , The parts of the Central Nervous System, their location and functions , Brain ventricles, Blood brain barrier . The Brain, Parts of the brain, The Spinal Cord, The structure of the spinal cord, Division of the spinal cord.</p>
Week 8	<p>The Peripheral Nervous System</p> <p>Describe The Structure, parts and division of Peripheral nervous system ,their location and functions .The Cranial Nerves. The Spinal Nerves.</p>
Week 9	<p>Endocrine system</p> <p>describe the anatomical structure of the endocrine system The classifications of endocrine glands their structure ,location and functions ,Definitions off the glands and Hormones .</p>
Week 10	<p>The Circulatory system</p> <p>(The Heart , valves and The Blood Vessels)</p> <p>Describe The location of the heart , parts and structure of the heart , Chambers of the Heart, The valves, Their structure , location and function ,the structure of the Cardiac Muscle, Sulci of the Heart , Fibrous skeleton of the Heart, Blood supply to the heart, Nerve Supply to the heart . ,</p> <p>.Describe The type of Blood Vessels structure ,the Pericardium ,the layers of blood vessels, study the differences between types of Blood vessels . The Haemopoitic system ,the structure ,components and functions of the Haemopoitic system.</p>
Week 11	<p>The Lymphatic system</p>

	<p>Definition , Functions, and the Components of the Lymphatic System .The Lymph , Lymphatic Vessels,. Lymph Nodes, Structure of lymph Node, Cells of Lymph Nodes, Functions of Lymph Nodes, Lymphatic Organs,(The Spleen and The thymus gland) their structure and functions . Organs of Immune System, Cells of Immune System, Types and functions of T- Lymphocytes</p>
Week 12	<p>The Urinary system</p> <p>Describe The Structure , location , of the Kidneys , ureter ,urinary bladder and urethra also describe their , shape, and function. also describe the blood and nerve innervation</p>
Week 13	<p>The Reproductive system :(The Male Reproductive system)</p> <p>Describe the anatomical structure ,location and functions of the male reproductive organs ,The Parts of the male reproductive organs and the accessory sex glands also describe the blood and nerve innervation.</p>
Week 14	<p>The Reproductive system :(The Female Reproductive system)</p> <p>Describe the anatomical structure ,location,, shape and functions of the Female Reproductive organs Describe the parts of Female Reproductive organs and the accessory sex glands also describe the blood and nerve innervation.</p>
Week 15	<p>The Special Sense Organs</p> <p>describe the anatomical structure ,location ,functions of the eye and ear . describe the blood and nerve innervation.</p> <p>The Integumentary system : Describe the Skin the structure, layers and cells of the skin.</p>
<i>Practical = 2 H</i>	
Week 1	<p>The compartment of the cell</p> <ul style="list-style-type: none">  plasma membranes  cytoplasm  nucleus <p>The organelles of the cell</p>

Week 2	Types of human body Tissues <ul style="list-style-type: none"> + Epithelial tissue + connective tissue + muscular tissue + nerves tissue
Week 3	Anatomical terminology <ul style="list-style-type: none"> + 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 shoulder girdle and upper limbs Pelvic girdle and lower limbs The joints
Week 6	The Muscular system
Week 7&8	The Digestive system
Week 9	The Respiratory system
Week 10 &11	The Cardiovascular system
Week 12	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

Final exam

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 %

Learning and Teaching Resources

1. [Ian Peate, Muralitharan Nair](#), Anatomy and Physiology for Nurses at a Glance, 2015, Wiley Blackwell, England, UK

2. <http://cnx.org/content/col11496/1.8>

OpenStax book

J. Gordon Betts, Peter Desaix, Eddie Johnson, Jody E. Johnson, Oksana Korol, Dean Kruse, Brandon Poe, James A. Wise, Mark Womble, Kelly A. Young, Anatomy and Physiology, 2017.

3. Frederic H. Martini, William C. Ober, M.D., Claire W. Garrison, R.N.K. Athleen Welch, M.D. and Ralph T. Huchings, Fundamental Anatomy & Physiology ".fifth ed. 2010.

4. Harold Ellis., CBE, MA, DM, MCh, FRCS, FRCP, FRCOG, FACS (Hon) Clinical Anatomist, Guy's, King's and St Thomas' School of Biomedical Sciences; Emeritus Professor of Surgery, Charing Cross and Westminster Medical School, London; Former Examiner in Anatomy, Primary FRCS (Eng) .**Clinical Anatomy Applied anatomy for students and junior doctors.**, Eleventh Edition., 2006.

Course Description Form

Course Name:

English for Nursing

Course Code:

ENG109

Semester / Year:

First Year/ semester -I

Description Preparation Date:

19-5-2024

Available Attendance Forms:

Recording the student's attendance in theoretical lectures and practical laboratories

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)

الاسم : م.م حسنين صباح عبدالهادي يوسف

الايميل: Hasanainsa11@gmail.com

Course Objectives

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

1. Explain the basic structures of the English sentences
2. Identify the parts of speech of the English sentences.
3. Identify classification of Tenses
4. Avoid common grammatical errors for English sentences
5. Practice skills of listening in English language effectively
6. Practice skill of speaking in English language especially nursing related topics
7. Communicate through oral discussions and dialogue in English language regarding nursing related topics efficiently.

8. Write the nursing related topics in English language effectively.

9.Course Structure

Theoretical Content

1. Parts of speech
2. Parts of speech
3. Tenses classification
4. Tenses classification
5. Present continuous tense
6. Present continuous tense
7. The present perfect tense
8. The present perfect tense
9. The present perfect continuous tense
- 10.The simple past tense
- 11.The simple past tense
- 12.The past continuous tense
- 13.The past continuous tense

Laboratory Content

1. Parts of speech.
2. Parts of speech
3. Tenses classification
4. Tenses classification
5. Present continuous tense
6. Present continuous tense

Course Evaluation

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

Course Description Form

Course Name:

Computer for Nurse

Course Code:

COS111

Semester / Year:

First Year/ semester -II

Description Preparation Date:

18-5-2024

Available Attendance Forms:

Recording the student's attendance in theoretical lectures and practical laboratories

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

(1) hours per week for the theoretical subject and (2) for the practical subject - 1 a period of 15 weeks (total 45 hours)

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

Name: Assistant lecturer: Doaa Talib Almosawi

Email: Doaa.almosawi@alkutcollege.edu.iq

Course Objectives

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

1. Excellence in the fields of computer and information technologies for students 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.

Teaching and Learning Strategies

4. Providing a stimulating environment for students of the College of Nursing to use computers and information technology in the fields of scientific research.

5. Developing students' skills and abilities in line with scientific and Technological developments.

10.Course structure

Part I: General Introduction to Computer Fundamentals:

- 1.1. Computer life cycle phases.
- 1.2 .Comparative study between data and information.
- 1.3.Computer components.
- 1.4 .General Purpose Computer.
- 1.5 .Special Purpose Computer.
- 1.6 .Classify computers by size and performance.
- 1.7 .Classification of computers according to the type of data entered.
- 1.8 .Digital Computer and Hybrid Computer.
- 1.9 .Classification of computers based on operating system.
- 1.10 .Input Device,output Device and System Unit
- 1.11 .External and internal components of the system unit.
- 1.12 .Central processing unit (CPU)
- 1.13 .Memory types and programming language.
- 1.14 .Computer safety and Software Licenses.

Part II: Microsoft Word and Power point:

- 2.1.Introduction to Microsoft Word 2010:
- 2.2 .Run Microsoft Word 2010.
- 2.3 .Microsoft Word 2010 interface.
- 2.4 .File tab in.Microsoft Word 2010.
- 2.5 .Home tab in Microsoft Word 2010.
- 2.6 .View tab in Microsoft Word 2010.
- 2.7 .Introduction to Microsoft Power Point 2010.
- 2.8. Run Microsoft Power point 2010.
- 2.9. Microsoft Power point 2010 interface.
- 2.10.File tab in Microsoft Power point 2010.
- 2.11. Home tab in Microsoft Power point 2010.
- 2.12. View tab in Microsoft Power point 2010

Part III: General Options of MS-Excel 2010:

3.1.Introduction to Microsoft Excel 2010.

3.2. Run Microsoft Excel 2010.

3.3. Insert Object in MS- Excel 2010.

3.4. Formulas and Equation in MS-Excel 2010.

3.5.More Options in MS-Excel 2010..

Part IV: Internet:

Practical lab Content

Part I: Operating System Windows 10.

Part II: wallpaper or Background

Part III: Desktop components.

Part IV: Turning on and off the computer.

Part V: Icons and Windows Operations.

Part VI: Copy, Cut, Past. Short Cut Icon

Part VII: Changing the Screen Saver.

Part VIII: Start Menu

Part I: Microsoft Word 2010 Font, Paragraph, Styles, Editing.

Part II: Microsoft Word 2010 Page layout Tab.

Part III: Microsoft Word 2010 themes and page setup.

Part III: Microsoft Word 2010 page background, arrange and view.

Part IV: Microsoft Word 2010 table tools, illustration.

Part V: Microsoft Word 2010 table of contents.

Part VI: Microsoft Word 2010 illustration, Header and Footer.

Part VII: Microsoft Word 2010 Text and Symbols.

Part VIII: Microsoft Word 2010 Comments.

Part I: Microsoft Power Point 2010.

Part II: Microsoft Power Point 2010 File Tab, new presentation and Save.

Part III: Microsoft Power Point 2010 Print the slide, View,

Home, Clipboard and slides.

Part III: Microsoft Power Point 2010 Font, Paragraph, Editing, Design Tab.

Part IV: Microsoft Power point 2010 View Tab, presentation Views , slide show tab.

Part V: Microsoft Power point 2010 page setup, Themes, Background, show and direction.

Part.I: Internet.

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 %

COURSE DESCRIPTION FORM

Course Name:

Fundamentals of Nursing-II

Course Code:

NUR107

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

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.

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

	<p>3.2: Fluid volume assessment</p> <p>3.3: Factors affecting body fluid, electrolytes and acid-base balance</p> <p>3.4: Common fluid imbalance</p>
Week 4	<p>Part IV: Oxygenation</p> <p>4.1: Overview of anatomical and physiological of breathing</p> <p>4.2: Assessing oxygenation 4.3: Oxygen therapy</p> <p>4.4: Alteration in respiratory function</p>
Week5	Part V: Midterm-Exam (1)
Week 6	<p>Part VI: Urinary elimination</p> <p>6.1: Overview of urinary elimination</p> <p>6.2: Characteristics of urine</p> <p>6.3: Abnormal urinary elimination patterns</p> <p>6.4: Assisting clients with urinary elimination</p>
Week 7	<p>Part VII: Bowel elimination</p> <p>7.1: Physiology of defecation</p> <p>7.2: Assessment of bowel elimination</p> <p>7.3: Common alterations in bowel</p> <p>7.4: Measures of promote bowel elimination</p> <p>7.5: Ostomy care</p>
Week 8	<p>Part VIII: Pain management</p> <p>8.1: The process of pain</p> <p>8.2: Pain theories</p> <p>8.3: Types of pain</p> <p>8.4: Pain assessment</p> <p>8.5: Pain management</p>
Week 9	Part IX: Midterm-Exam (2)
Week 10	<p>Part X: Pre-operative nursing care</p> <p>10.1: Type of surgery</p> <p>10.2. Preoperative phases</p>
Week 11	<p>Part XI:</p> <p>11.1: Intraoperative phases</p>

	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 Form

Course Name:
Physiology for Nurse
Course Code:
PHY108
Semester / Year:
First Year/ semester -II
Description Preparation Date:
19-5-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures and practical laboratories
Number of Credit Hours (Total) / Number of Units (Total)
(3) hours per week for the theoretical subject and (2) for the practical subject - 15 weeks (total 75 hours)
Course administrator's name (mention all, if more than one name)
Name: Dr Marwa Jabbar Saiwan Email: Marwa.Saiwan@Alkutcollege.edu.iq
Course Objectives
<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 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 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.

Teaching and Learning Strategies

- ✚ 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 A. بنية المقرر النظري

طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الأسبوع
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	<ul style="list-style-type: none"> • Introduction to Physiology • Physiology of Body fluids(water) and electrolyte 	Introduction to the body fluids, Definitions, Composition of body fluids, types of body fluids, Electrolytes of the body fluids Movement of, body fluids 1) Hydrostatic pressure 2) osmotic pressure, Regulation of Water Output Disorders of water imbalance	3	16
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of Digestive System	Composition and Functions of Salivary Secretion Swallowing, Gastric Secretion, Digestion and their Regulation Secretion, Digestion and Absorption in Small Intestine, Secretion, Digestion and Absorption in Large Intestinal, Function of Liver, Pancreas and Gallbladder , Movement of Digestive Material Control of Digestive Functions	3	17
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of Muscular System	Study the general function of the Muscles ,their types and functions of different parts of these organs, contraction of skeletal muscles, sliding theory and its steps, action potential and ions fluxes , muscular performance, muscle tone ,source of energy stored in muscles, hormones and muscle	3	18
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of Respiratory System	Pulmonary Ventilation , Respiratory Performance and Lung Volume , Gas Exchange at Respiratory Membrane , Blood Gases , Gases Transport Control of Respiration	3	19
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of Nervous System- Part I The Central Nervous System (CNS) The Peripheral Nervous System (PNS)	Introduction, General Properties of Excitable Tissues, Functional Features of Sensory End Organs, Synaptic Transmission in the Central Nervous System, Synaptic Potentials, Development of the Brain, The Somatosensory System, Central Control of	3	20

			Locomotion, Neural Control of Visceral Functions and Behavior ,Higher Functions of the Brain.(Action Potential, Reflexes, utonomic Nervous System support and Protection of the Brain)		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The Cardiovascular System Part I	Study the functional properties of the heart ,action potential of the cardiac muscle, conductivity and conducting system, rhythmicity, cardiac pacemaker, heart rate, factor effecting heart rate, cardiac cycle, heart sound, electrocardiogram	3	21
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The Cardiovascular System Part II	Study the General function of the Blood Vessels, heamodynamic, factor effecting of blood flow types of blood flow, types of blood pressure, regulation of blood pressure, Regulation of blood pressure. 1. Neuronal 2-Hormonal	3	22
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The Urinary System	Study the general function of the urinary system, the blood and nerve supply of the kidney, the function of the kidney, urine formation, glomerular filtration, tubular reabsorption and secretion, the hormones that influence selective reabsorption, control of blood pressure. micturition	3	23
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Blood physiology	,Blood composition, Plasma makeup, Red Blood Cells Functions, White Blood Cells Functions, Platelets, Hemostasis (Coagulation or Clotting), ABO Group System, .Surface Antigens, .Inheritance, Compatibility in Blood/Plasma Transfusions, Hemolytic Disease of the Newborn	3	8 and 9
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The lymphatic system	Lymph flow in the lymphatic vessels, lymph flow in the lymph nodes, function of lymph nodes, function of spleen and thymus, Specific and nonspecific	3	10 and 11

			mechanisms Cellular immunity and humeral immunity		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of Endocrine System	The hormones of the pituitary glands function, Control of pituitary secretion by the hypothalamus, thyroid glands function, Control of thyroid hormone secretion mechanisms of hormones transportation, actions of hormones, Hormones and Stress	3	12 and 13
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The Female Reproductive System	reproductive system , Ovaries , Uterine tube , uterus , Vagina and mammary glands	3	1 4
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Physiology of The Male Reproductive System	Study the general function and I of male reproductive organs the testis, Epididymis, spermatic cord , urethra , Penis and accessory sex glands	3	1 5

. 10B. بنية المقرر العملي		
Lab number	Study unit title	Hours
1	<ul style="list-style-type: none"> • Introduction to Physiology • Physiology of Body fluids(water) and electrolyte 	3
2	Physiology of Digestive System	3
3	Physiology of Muscular System	3
4	Physiology of Respiratory System	3
5	Physiology of Nervous System- Part I The Central Nervous System (CNS)	3
6	The Peripheral Nervous System (PNS)	3
7	Physiology of The Cardiovascular System Part I	3
8	Physiology of The Cardiovascular System Part II	3
9	Blood physiology (part I)	3
10	Blood physiology (part II)	3
11	Physiology of Endocrine System (part I)	3
12	Physiology of Endocrine System (part II)	3
13	Physiology of The Female Reproductive System	3
14	Physiology of The Male Reproductive System	3
15	Exam	3

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 %

Course Description Form

Course Name:

Medical terminology

Course Code:

MU0811203

Semester / Year:

second course 2023-2024

Description Preparation Date:

20/5/2024

Available Attendance Forms:

in class

Number of Credit Hours (2) /

Number of Units (2)

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

Name: lecturer Burhan Hadi

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

Course Objectives

Course Objectives

- Define the parts which used to build medical terms.
- Define common medical prefixes.

Teaching and Learning Strategies

Strategy	Translating English medical terms into Arabic and exploring the frequency of occurrence. Text-based research also includes parallel texts between English and Arabic and includes audio-visual material in English.
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Course Structure					
Week	Hours	Unit or subject name	Required Learning Outcomes	Learning method	Evaluation method
1	2	Learn about the principles of medical terminology	introduction	Discussion group	Written exam
2	2	Define how building medical terms	Define common medical combining form	Discussion groups	Written exam With interview
3	2	Learn additional and original words	Define Common medical prefixes and suffix.	Discussion group	Written exam With interview

4	2	Student known all medical terms Related to blood circulation	Terms of cBlood circulation system	Discussion group	Written exam With Interview to auscultation
5	2	Urinary system	The student gets know All terms related to the urinary system	Discussion group	Written exam With Interview to auscultation
6		Digestive system	The student gets know All terms related to the digestive system	Discussion group	Written exam With Interview to auscultation
7		Immunity system	The student gets know All terms related to the immunity system	Discussion group	Written exam With Interview to auscultation
8		Mid exam			
9		Respiratory system	The student gets know	Discussion group	Written exam With

			All terms related to the respiratory system		Interview to auscultation
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10		Nervous system	The student gets know All terms related to the nervous system	Discussion group	Written exam With Interview to auscultation
11		Skin and mucous membranes	The student gets know All terms related to the Skin and mucous membranes	Discussion group	Written exam With Interview to auscultation
12		Reproductive system	The student gets know All terms related to the respiratory system	Discussion group	Written exam With Interview to auscultation
13		Musculoskeletal system	The student gets know All terms related to the musculoskeletal system	Discussion group	Written exam With Interview to auscultation
14		Cancer disease	The student gets know All terms related to the cancer disease	Discussion group	Written exam With Interview to auscultation

15		Chronic disease	The student gets know All terms related to the chronic disease	Discussion group	Written exam With Interview to auscultation

Course Evaluation

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

Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	BASIC MEDICAL TERMINOLOGY
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	NURSING LAB.COM

مقرر الديمقراطية وحقوق الانسان

اسم المقرر
مبادئ الديمقراطية
الفصل/السنة
المرحلة الاولى
تاريخ اعداد هذا الوصف
2024-2-5
اشكال الحضور المتاحة
تسجيل حضور الطلبة من خلال اعطاء المحاضرة
عدد الساعات (الكلي) عدد الوحدات (الكلي)
(2) ساعه خلال (15) اسبوع .
اسم مسؤول المقرر الدراسي
م.م منتظر هلال حميدي اللامي
وصف المقرر
في هذا المقرر يتعرف الطالب على مبادئ الاساسية لمبادئ الديمقراطية واشكالها ونظم الحكم والتعريف بالدولة واركائها وماهي المواطنة وسلطات الحكم وانواعها مبادئ حقوق الانسان ومعرفة الحريات المتعلقة بالآخرين ومعرفة ضمانات كفالة الحقوق والحريات .
اهداف المقرر
التعرف على اسس ومبادئ الديمقراطية التعرف على حقوق الانسان التعريف بالدولة واركائها التعريف بالسلطات واحكامها ضمان الحقوق والحريات التعريف بالاعلان العالمي لحقوق الانسان التعريف بعصبة الامم المتحدة ومنظمة الامم المتحدة
استراتيجيات التعليم والتعلم

لقاء المحاضرة باستعمال برنامج PowerPoint

المناقشة المستمرة من خلال طرح الأسئلة والأجوبة في القاعة وتحفيز الطالب على التفكير الذاتي وبالتالي التعلم الذاتي.

استخدام وسائل تعليمية مبتكرة مثل السبورة الذكية وعروض البيانات التي تقرب المادة إلى ذهن الطالب.

بنية المقرر

الاسبوع	المادة النظرية
1	التعريف الديمقراطي
2	التمييز بين الديمقراطي من جهة و الشورى من جهة اخرى
3	العلاقة بين الحقوق والحريات العامة
4	مفهوم الانتخاب وشروطه
5	سلطات الدولة
6	الدولة واركائها
7	امتحان
8	التعريف بحقوق الانسان واهميتها وخصائصها
9	حقوق الانسان في التاريخ المعاصر
10	الضمانات الكفيله بحماية حقوق الانسان
11	الاعلان العالمي لحقوق الانسان
12	حقوق الانسان في دستور العراق سنة 2005
13	المصادر الدولية لحقوق الانسان
14	المنظمات الغير الحكومية المعنية بحقوق الانسان
15	امتحان

تقييم المقرر

الامتحان النظري النصفى الأول %15

الامتحان النظري النصفى الثاني %15

%70

الامتحان النهائي

100

المجموع

مصادر التعلم والتدريس

الديمقراطية – د. وجيه قانصو

حقوق الانسان – د. حميد حنون خالد

Course Description Form

1. Course Name:

Adult Nursing

2. Course Code:

NUR201

3. Semester / Year:

Second Year/ semester -I +II

4. Description Preparation Date:

30-1-2024

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 clinical area (12) hour per day a total of (180) hour.

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

Name: Lecturer Dr. Hussein Aadi Ubaid

Email: Hussein.Ubaid@Alkutcollege.edu.iq

Lec. Asst. Haider Mansor Kadhum

Email: : Haider.daham@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

- 1- Identify risk factors and nursing interventions in promoting and Maintaining health in a selected client population.
- 2- Relate the pathophysiology 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 means, such as the smart board, data shows and scientific pictures that bring the subject closer to the students' minds.

11. Course Structure

Theoretical = 4 h Clinical 12 h

	<u>First Semester Contents</u>
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. - Prevention of complications and deformities.
Week 3	Care of patients with cancer - Definitions. - Types. - Sign and symptoms. - Method of diagnosis. - 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.
Week 5	-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.
Week 9	Nursing Management for patient with Digestive System Disease. -Sign and symptoms, and diagnostic measures. -Nursing care for the patient with the followings: -Hernia. -Ulcerative colitis.

Week 10	-Peptic Ulcer. -Acute Abdomen. -Irritable bowel syndrome
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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. - Fractures. - Amputation.
Week 14	Second med exam

Date of Class	<u>Second Semester Contents</u>
Week 1	<p>Nursing management of patients with Cardiovascular disorders.</p> <p>Assessment, signs and symptoms, and diagnostic test</p> <p>Mitral disease (stenosis and regurgitation)</p>
Week 2	<p>Congenital heart disease (ASD, VSD and Tetralogy of Fallot)</p> <p>Cardiac catheterization</p> <p>Coronary artery bypass graft (CABG)</p>
Week 3	Nursing management of patients with ophthalmic disorders.

	Assessment and diagnostic test Cataract Glucoma
Week 4	Nursing management of patients with, Nose and Throat (ENT) Sinusitis Tonsillitis
Week 5	Otitis media Ca larynx
Week 6	First Med Exam
Week 7	Valvular Disorder (Aortic stenosis and regurgitation)
Week 8	Caring of patient with Brest Cancer. Sign and symptoms. Method of diagnosis. Nursing care and rehabilitation
Week 9	Nursing management of patients with Integumentary disorders. Anatomy and physiology
Week 10	Assessment of integumentary system. Dermatitis. Autoimmune disease.
Week 11	Blood Disease.
Week 12	Endocrine.
Week 13	Second med exam.

12. Course Evaluation

First midterm theory exam	15%
Second midterm theory exam	15%
Quiz	5%
Attendance	5%
Final Exam	60%
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 FORM

Course Name:

Pharmacology For Nurses

Course Code:

PHR202

Semester / Year:

Second Year/ Semester -I + II

Description Preparation Date:

3-10-2023

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) per semester**

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

Name: Assist. Prof Dr. Sarhan Rashid Sarhan

Email: srashid@uowasit.edu.iq

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.

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.

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 (Semester I)

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

Week3	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)

Course Structure (Semester II)

Course Code: PHR210

Theoretical = 2 h

Date of Class	Unit to be Covered and/or Activity
Week 1	Antihyperlipidemic
Week 2	Blood drugs
Week3	Endocrines
Week 4	Hormonal therapy
Week 5	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)

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%

Learning and Teaching Resources

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

COURSE DESCRIPTION FORM

Course Name:
Microbiology
Course Code:
MBN 204 + MBN209
Semester / Year:
Second Year/ Semester – I +II
Description Preparation Date:
3-10-2023
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) for Health Assessment (2) hour per day a total of (30) hour.
Course administrator's name (mention all, if more than one name)
الاسم: م.د ايات علي محمود عبد الشهيد الجبوري الايميل: ayat.ali@alkutcollege.edu.iq
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.
Course Objectives
<i>At the end of the course the student will be able to:</i> <ul style="list-style-type: none">✓ Describe the components of the health history✓ Apply interviewing skills and techniques to conduct a successful interview.

- ✓ Evaluate the persons' general health status.
- ✓ Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records 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.

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.

-1 A. بنية المقرر النظري

طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الأسبوع
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Introduction and the historical development of microbiology.	- Introduction to microbiology - Know general aspect of microbiology - Know the important scientists contributed in development of microbiology	2	1
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	The classification of microorganisms Nutritional requirements of bacteria	- How to classifying bacteria - Know the general structure of bacteria - Know the physiology of bacteria	2	2
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Microbial control Sterilization and Disinfection	- Know the different types of microbial control - How to use the sterilization techniques for medical equipments	2	3
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Gram positive bacteria (cocci bacteria) Genus: Staphylococcus Genus: Streptococcus	- Know the principles of Gram staining - Know the general properties of Staph. And Streptococcus bacteria - The main diseases caused by it	2	4
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Gram negative bacteria (cocci bacteria) Genus: <i>Nesseria meningitidis</i> Genus: <i>Nesseria gonorheae</i>	- Know the general properties of genus: Neisseria - How to distinguish between species of Neisseria. - The main diseases caused by it	2	5
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Gram positive bacteria (bacilli bacteria) Genus: Bacillus Genus: Clostridium	- Know the general properties of genus: Bacillus & Clostridium - How to distinguish between species of two bacteria - The main diseases caused by it	2	6
		Mid-term Exam.		2	7
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Irregular gram positive bacteria Genus: Corynebacterium Genus: Listeria	- Know the general properties of genus: Corynebacterium & Listeria - How to distinguish between species of the two bacteria - The main diseases caused by it	2	8
- Making quizzes	محاضرة نظرية باستخدام برنامج	Acid Fast Bacilli (AFB) Mycobacterium	- Know the general properties of genus: Mycobacterium		9

- Discussion	power point		<ul style="list-style-type: none"> - How to evaluate the TB disease - Know how treated and prevent of TB disease 		
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Gram negative bacilli (Enterobacteriaceae)	<ul style="list-style-type: none"> - Know the general properties of bacterial family "enterobacteriaceae" - The main diseases caused by it - How to distinguish between members of this family. - The main diseases caused by it 	2	10
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Other gram negative bacteria (Helicobacter and Vibrio)	<ul style="list-style-type: none"> - Know the general properties of genus: Helicobacter and Vibrio - How to distinguish between species of the two bacteria - The main diseases caused by it 	2	11
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Immunity and immune system	<ul style="list-style-type: none"> - Know the structures of immune system - Know the primary and secondary organs - The functions of immune system 	2	12
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Immune response	<ul style="list-style-type: none"> - Know how the initiation of the immune response - Know the cells contributing in this response. 	2	13
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Hypersensitivity reactions	<ul style="list-style-type: none"> - Know how and when the hypersensitivity reactions occur. - Know the classes of hypersensitivity 	2	14
- Making quizzes - Discussion	محاضرة نظرية باستخدام برنامج power point	Antigens and Antibodies reactions	<ul style="list-style-type: none"> - Know the differences between the Ag & Ab. - The main structures of Ag & Ab. - Know the main types of Ag & Ab. 	2	15

. 10B.**بنية المقرر العملي**

Lab number	Study unit title	Hours
1	Lab Safety	2
2	Sterilization and disinfectant	2
3	Types of culture media (According to the functions and Structure) and cultural characteristics of Bacteria	2
4	Isolation techniques	2
5	Staining technique (Simple Staining , Gram staining and Zeihl-Neelsen Technique	2
6	Antibiotic Sensitivity test	2
7	Staphylococcus spp. and nasal swab (Laboratory diagnosis)	2
8	Streptococcus spp (Laboratory diagnosis)	2
9	E .coli, Klebsiella and Proteus (Laboratory diagnosis)	2
10	Pseudomonas and other non lactose fomenter bacteria (Laboratory diagnosis)	2
11	Neisseria spp. and Vibrio spp. (Laboratory diagnosis)	2
12	Mycobacterium spp. and Corynebacterioum spp. (Laboratory diagnosis)	2
13	Salmonella spp. and Shigella spp. (Laboratory diagnosis)	2
14	Throat Swab and Culture	2
15	Exam	

1- A. بنية المقرر النظري

الأسبوع	الساعات	مخرجات التعلم المطلوبة	اسم الوحدة / أو الموضوع	طريقة التعليم	طريقة التقييم
1	2	*Introduction to Parasitology Protozoa and flagellates *Classification of human parasites <i>E. histolytica</i> and <i>E. coli/ Small amoebiasis</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
2	2	*Entamoeba histolytica, Entamoeba coli *	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
3	2	ciliophoraBalantidium coli Atrial flagellates <i>Trichomonas vaginalis</i> and <i>Trichomonas spp</i> * Intestinal Flagellates/ <i>Giardia lamblia</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
4	2	*Tissue flagellates/ Leishmania spp. Blood and tissue flagallates (<i>Leishmania spp.</i> and <i>Trepanosoma spp.</i>)	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
5	2	*apicomplexa :include 1- <i>Plasmodium Spps</i> 2- <i>Toxoplasmas gondii</i> *Class sporozoa Malaria parasites (<i>Plasmodium spp.</i>) <i>Toxoplasma gondii</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
6	2	*Helminthes Cestoda 1-Helminthes- class cestoda <i>Taenia solium, T. Saginata, Echinococcus granulosis, Hymenoleps nana</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
7	2	2-Trematoda <i>Fasciola hepatica,, Schistosoma haematobium, Schistosoma mansoni, Shistosoma japonicum</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
8	2	3- Nematoda <i>Ascaris lumbreciod, Anchylostoma duodenale, Enerobius vermicularis, Trichuris trchiura</i>	Microbiology-2	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
9	2	* <u>Virology</u> General properties of viruses	Microbiology-2	محاضرة نظرية باستخدام برنامج	الامتحانات القصيرة, و

الفصلية, و النهائي	power point		<u>Persistent Viral Infections</u> <u>Common routes of viral infection in human</u>		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	*Measles Mumps, Rubella viruses.	2	.10
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	* <u>AIDS</u> , Rotaviruses, Human Cancer Viruses.	2	.11
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	*Hepatitis A, B, C, D, E and cov-19	2	.12
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	* Hospital acquired infection Introduction to Hospital acquired infection (nosocomial infection)	2	.13
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	Microorganisms cause hospital acquired infection problems.	2	.14
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Microbiology-2	*Mycology Fungal Infections	2	.15

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 %

Gillies R.R. & Dodds, 1984: Bacteriology illustrated, 5th edition. Long man group limited. USA. (Text book).

1-الكتب المقررة المطلوبة

1- Katherine N. Ward, A. Christine McCartney & Bishan Thakker 2009: Notes On Medical Microbiology, 2nd edition. Churchill Livingstone Elsevier. UK.

2- Morello, Mizer & Granato 2006: Laboratory manual and Workbook in Microbiology “Application to patient care”, Eighth edition. The McGraw-Hill Companies Inc., USA.

3- 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.

2-المراجع الرئيسية (المصادر)

4- [Richard A. Harvey](#), [Cynthia Nau Cornelissen](#) and [Bruce D. Fisher](#). Microbiology. (Lippincott's Illustrated Reviews) 3rd edition. 2014

5- Bailey and Scott's.(2014). Diagnostic microbiology.Elseiver,2014.

<p>6-- Brock TD.Madigan M. Martinko J. et al.editors: Biology of microbiology. Upper Saddle River, NJ.2009. Prentice Hall</p>	
<p>المجلات العلمية والدوريات والبحوث في الأختصاص</p>	<p>3-الكتب والمراجع التي يوصى بها (المجلات العلمية، التقارير،.....)</p>
<p>Web sites of Microbiology</p>	<p>4-المراجع الالكترونية،مواقع الانترنت،.....</p>

COURSE DESCRIPTION FORM

Course Name:
Health Assessment
Course Code:
HAS203
Semester / Year:
First Year/ Semester -I
Description Preparation Date:
3-10-2023
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) for Health Assessment (2) hour per day a total of (30) 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 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.
Course Objectives
<i>At the end of the course the student will be able to:</i> <ul style="list-style-type: none">✓ Describe the components of the health history✓ Apply interviewing skills and techniques to conduct a successful interview.

- ✓ Evaluate the persons' general health status.
- ✓ Utilize various tools and techniques to measure and collect information (interview, observing, listening, physical examination, reviewing records 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.

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 = 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 (2)
Week 11	Neurological Assessment
Week 12	Eye Assessment
Week 13	Cardiovascular System
Week 14	Musculoskeletal System
Week 15	Exam (3)

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 %
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 Form

Course Name:
Pathophysiology for Nurses
Course Code:
PAT208
Semester / Year:
Second Year/ semester -I
Description Preparation Date:
18-5-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures and practical laboratories
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)
الاسم : م.م سجاد صادق سلمان الايمل : Sajjad.faza@alkutcollege.ed.iq
Course Objectives
A-Cognitive goals 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.

B - Skills objectives of the program

1 - Enable the student to differentiate between pathological conditions.

2 - Enable the student to understand the complications associated with sick conditions.

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1- A. بنية المقرر النظري

الأسبوع	الساعات	مخرجات التعلم المطلوبة	اسم الوحدة / أو الموضوع	طريقة التعليم	طريقة التقييم
.1	2	* Definition, diseases, causes of diseases, pathogenesis, clinical manifestations, diagnostic methods and treatment.	Introduction to Pathophysiology	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
.2	2	* Cell, Cellular adaptation, injury, reversible and irreversible cell injury, cell death, types of cell death, necrosis (types causes and sequel of necrosis).	:Changes at cellular level	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي
.3	2	Component and function of gene, mutation, chromosome, genetic and chromosomal disorders (single gene	Genes and genetic diseases :	محاضرة نظرية باستخدام برنامج power point	الامتحانات القصيرة, و الفصلية, و النهائي

			disorders and alteration in autosomal and sex chromosomes), causes, diagnosis.		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Inflammation	Definition, causes, acute inflammation, signs, hematological and cellular responses, beneficial and harmful effects and outcome of acute inflammation, chronic inflammation, characteristic features. Repair and tissue healing.	2	.4
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Neoplasia	Definition, types, nomenclature, characteristics of each type , carcinogenesis and causes of cancer,	2	.5

			diagnosis and treatment.		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Alteration in immune responses :	Defense mechanisms in the body, component of immune system , immune responses, hypersensitivity, types of hypersensitivity ,)mechanism of development of each type), transplantation immunopathology. Autoimmune diseases, immunodeficiency diseases , AIDS.	2	.6
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Disorders in white blood cells and lymphoid tissue :	Origin of blood cells, neutropnea, infectious mononucleosis, leukemia , Hodgkin's lymphoma(HL), NHL, Burkitt's	2	.7

			lymphoma, and multiple myeloma.		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Alterations in RBC and oxygen transport :	Red cell metabolism, hemoglobin oxidation, anemia, causes , haemolytic anemia classification, hereditary Spherocytosis , thalassemia, glucose-6-phosphate Dehydrogenase deficiency (G6PD), other types of anemia megaloblastic anemia , Pancythemia.	2	.8
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج	Disturbances in blood flow	Structure of blood vessels, alteration in arterial blood flow ;	2	.9

	power point		<p>atherosclerosis, mechanism of atherosclerosis development, aneurysm ,</p> <p>dissecting aneurysm, hypertension, orthostatic hypotension, assessment of arterial flow.</p> <p>Alteration in venous flow; varicose, venous thrombosis.</p>		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Alteration in cardiac function :	Disorder in the epicardium, coronary heart disease, ischemic heart disease (angina). Myocardial infarction, myocardial disease, infective myocarditis,	2	.10

			rheumatic heart disease, mitral valve disorders, stenosis , congenital heart defects, heart failure and circulatory shock.		
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Alteration in kidney :	Congenital anomalies, polycystic kidney, nephritis, acute proliferative glomerulonephritis, nephrosis, diabetic nephropathy , hypertensive glomerular disease, tubular disorders, pyelonephritis , renal failure.	2	.11
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	GIT Disorders	Diseases of oral cavity, esophagus, stomach, intestine	2	.12
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج	Disorders in the Accessory organs of the GIT	Disorders in the salivary glands, liver and pancreas	2	.13

	power point				
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Disorders in the Respiratory System	Disorders in the nasal cavity, trachea, larynx, pneumonia, pluritis	2	.14
الامتحانات القصيرة, و الفصلية, و النهائي	محاضرة نظرية باستخدام برنامج power point	Disorders in the Nervous System	Overview about main disorders of central nervous system and peripheral nervous system	2	.15

Course Evaluation

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

البنية التحتية	
2 .C Simon Herrington: Muir's Textbook of Pathology 15th ed 2014	1-الكتب المقررة المطلوبة
1. Kumar, Abbas and Aster: Robbins Basic Pathology 10th ed 2018 2. C Simon Herrington: Muir's Textbook of Pathology 15th ed 2014 3. Porth: Pathophysiology of altered health	2-المراجع الرئيسية (المصادر)
المجلات العلمية والبحوث العلمية	3-الكتب والمراجع التي يوصى بها (المجلات العلمية، التقارير،.....)
www.pubmed.gov	4-المراجع الالكترونية، مواقع الانترنت'

نموذج وصف مقرر

1 . اسم المقرر	
جرائم حزب البعث	
2. الفصل/السنة	
المرحلة الثانية	
3. تاريخ اعداد هذا الوصف	
2024-2-5	
4 . اشكال الحضور المتاحة	
تسجيل حضور الطلبة من خلال اعطاء المحاضرة	
5. عدد الساعات (الكلي) عدد الوحدات (الكلي)	
(2) ساعه خلال (15) اسبوع .	
6. اسم مسؤول المقرر الدراسي	
م.م منتظر هلال حميدي اللامي	
7. وصف المقرر	
في هذا المقرر يتعرف الطالب على ماهي الجريمة واقسامها واهم الجرائم التي ارتكبتها النظام البعثي منها النفسي والاجتماعية والبيئية وجرائم المقابر الجماعية .	
8. اهداف المقرر	
<ul style="list-style-type: none">التعرف على ماهية الجريمة واقسامهاالتعرف على الجرائم النفسيه والاجتماعيةالتعريف بالجرائم البيئيةالتعرف على جرائم المقابر الجماعية	
9 . استراتيجيات التعليم والتعلم	
<ul style="list-style-type: none">القاء المحاضرة باستعمال برنامج PowerPointالمناقشة المستمرة من خلال طرح الأسئلة والأجوبة في القاعة وتحفيز الطالب على التفكير الذاتي وبالتالي التعلم الذاتي.استخدام وسائل تعليمية مبتكرة مثل السبورة الذكية وعروض البيانات التي تقرب المادة إلى ذهن الطالب.	
10 . بنية المقرر	
الاسبوع	المادة النظرية
1	ماهي الجرائم لغة واصطلاحا
2	اقسام الجرائم
3	القرارات الصادرة من المحكمة الجنائية العليا
4	الجرائم النفسية واثارها
5	الجرائم الاجتماعية واثارها
6	موقف نظام البعث من الدين
7	امتحان
8	الجرائم البيئية

تدمير المدن والقرى	9
تجفيف الالهوار	10
تجريف البساتين	11
جرائم المقابر الاجتماعية	12
احداث مقابر الابادة الجماعية	13
التصنيف الزمني لمقابر الابادة الجماعية	14
امتحان	15

11 . تقييم المقرر

• الامتحان النظري النصفى الأول	15%
• الامتحان النظري النصفى الثاني	15%
• الامتحان النهائي	70%
• المجموع	100

مصادر التعلم والتدريس

- مقرر دراسي للجامعات الحكومية والاهلية

Course Description Form

Course Name:

Computer for Nurse

Course Code:

COS205

Semester / Year:

Second Year/ semester -I

Description Preparation Date:

18-5-2024

Available Attendance Forms:

Recording the student's attendance in theoretical lectures and practical laboratories

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

(1) hours per week for the theoretical subject and (2) for the practical subject - 1 a period of 15 weeks (total 45 hours)

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

Name: Assistant lecturer: Doaa Talib Almosawi

Email: Doaa.almosawi@alkutcollege.edu.iq

Course Objectives

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

1. Excellence in the fields of computer and information technologies for students 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.

Teaching and Learning Strategies

4. Providing a stimulating environment for students of the College of Nursing to use computers and information technology in the fields of scientific research.
5. Developing students' skills and abilities in line with scientific and Technological developments.

10.Course structure

Wee k	Hrs.	Topics covered	Notes
1	(2) hrs.	<ul style="list-style-type: none">- Introduction to Computer Skills- Functionalities of a computer- Computer Components- Hardware- Software.	
2	(2) hrs.	<ul style="list-style-type: none">- Computer Units- Input Unit- Central Processing Unit- Primary Memory Unit- Secondary storage Unit- Output Unit	
3	(2) hrs.	<ul style="list-style-type: none">- Input Devices- Central Processing Unit- CPU Components	
4	(2) hrs.	<ul style="list-style-type: none">- CPU Components- ALU- Control Unit (CU)- Registers	
5	(2) hrs.	<ul style="list-style-type: none">- Primary Memory- RAM- ROM	
6	(2) hrs.	<ul style="list-style-type: none">- Secondary Memory- Hard Disk- Optical Disk- Flash memory	
7		First Month Exam	

8	(2) hrs.	<ul style="list-style-type: none">- Output Unit- A monitor- Printer <p>Printer types:</p> <ul style="list-style-type: none">-Laser Printer-Ink Jet Printer- Dot Matrix Printer	
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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 %

Course Description Form

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 : Email: Prof.dr.Rabea.M.Ali@alkutcollege.edu.iq Lecturer assist. Lyla Aoun
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 menstr 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 obstetric & 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: Normal pregnancy -Development & physiology of fetus. - Physiological & Psychological changes of pregnancy
Week3	-Pre-natal care

Week 4	Nursing care during complications of pregnancy <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	Normal Labor & delivery <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	Complication of labor <ul style="list-style-type: none"> -Nursing management during complicated labor & delivery.
Week 10	-Obstetrical operation: Nursing care during obstetrical operation <ul style="list-style-type: none"> -Episiotomy, forceps, - C/S - induction & Augmentation of labor).
Week 11	Puerperium: <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: <ul style="list-style-type: none"> -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: <ul style="list-style-type: none"> -Physiological changes & adaptation to extra uterine environment.

	<ul style="list-style-type: none"> -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	<ul style="list-style-type: none"> -Nursing assessment & management for high risk neonate. -Regulation of birth & death certificate for newborn & its importance
Week 15	<p>Gynecological disorders:</p> <ul style="list-style-type: none"> -Nursing care for common gynecological disorders -Prolapsed of genital tract, benign & malignancy of genital tract & menstrual disorders), & Infertility




1. 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 Form

Course Name:
Research Methods in Nursing
Course Code:
BST307
Semester / Year:
Third Year/ semester – I+ II
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
 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 <ul style="list-style-type: none"> + Basic concept. + Purpose of scientific research. + Characteristic of scientific research & research hypothesis
Week 2	Variable <ul style="list-style-type: none"> + Dependent & independent variable.
Week 3	Major steps in research process
Week 4	Research problem & Research Question
Week 5	Literature Review <ul style="list-style-type: none"> + Definition of Literature Review.

	<ul style="list-style-type: none"> + Purpose of Literature Review. + Type of information. + Writing review of literature.
Week 6	Sample & Sampling <ul style="list-style-type: none"> + Population. + Sample. + Type of sample.
Week 7	Research Design <ul style="list-style-type: none"> + Experimental design. + Quasi Experimental design. + Non-Experimental design. + Survey.
Week 8	Measurement & data collection <ul style="list-style-type: none"> + Observational method. + Type of questionnaire and interviews. + scales
Week 9	Tabulation and analysis of data.
Week 10	Discussion the finding of the study.
Week 11	Method of writing research report or study.

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 Form

Course Name:
Health Sociology
Course Code:
HOS303
Semester / Year:
Third Year/ semester – I + II
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 13 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
 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 to medical Sociology <ul style="list-style-type: none">✚ 1.1. Foundation medical Sociology (History and Development)✚ 1.2. Definitions of medical Sociology✚ 1.3. Purpose of medical Sociology✚ 1.4. Uses of medical Sociology
Week 2	. Social interaction and health <ul style="list-style-type: none">✚ 2.1. Health✚ 2.2. Social Health✚ 2.3. Social interaction✚ 2.4. Social epidemiology✚ 2.5. Social condition causes of diseases.
Week3	Illness and disease
Week 4	Illness behaviors
Week5	Effects of Social illness <ul style="list-style-type: none">5.1. Lifestyle changes.5.2. Body Image changes

	<p>5.3. Self-concept changes</p> <p>5.4. Loss of autonomy</p>
Week 6	<p>. Impact of Social illness on the family</p> <ul style="list-style-type: none"> + 6.1. Kind of effect and its extent depends Sample. + 6.2. changes that can occur in the family include
Week 7	<p>Lifestyle</p> <ul style="list-style-type: none"> + 7.1. The Lifestyle Types + 7.2. Mean the term lifestyle + 7.3. Social life in sociology + 7.4. Person's lifestyle + 7.5. Healthy lifestyle + 7.6. Elements of social structure
Week 8	<p>Quality of life</p> <ul style="list-style-type: none"> + 8.1. Physical Quality of life + 8.2. Mental Quality of life + 8.3. Spiritual Quality of life + 8.3. Humans needs + 8.5. Roles the nurse in Humans need + 9. Stress:
Week 9	What Is Stress?
Week 10	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**

وصف مقرر حقوق الانسان

اسم المقرر
حقوق الانسان
الفصل/السنة
المرحلة الثالثة
تاريخ اعداد هذا الوصف
2024-2-5
اشكال الحضور المتاحة
تسجيل حضور الطلبة من خلال اعطاء المحاضرة
عدد الساعات (الكلي) عدد الوحدات (الكلي)
(2) ساعه كل اسبوع خلال (15) اسبوع .
اسم مسؤول المقرر الدراسي
م.م منتظر هلال حميدي اللامي
وصف المقرر
في هذا المقرر يتعرف الطالب على مبادئ حقوق الانسان ومعرفة الحريات المتعلقة بالآخرين ومعرفة ضمانات كفالة الحقوق والحريات
اهداف المقرر
<ul style="list-style-type: none">• مساعده الطالب في الحصول على معلومات عامة عن حقوق الانسان• معرفة الطالب على حقوقه وحرياته المنصوص عليها في الدستور والمواثيق والاعلانات العالمية والاقليمية• التعريف بالاعلان العالمي لحقوق الانسان• التعريف بعصبة الامم المتحدة ومنظمة الامم المتحدة
استراتيجيات التعليم والتعلم
<ul style="list-style-type: none">• القاء المحاضرة باستعمال برنامج PowerPoint• المناقشة المستمرة من خلال طرح الأسئلة والأجوبة في القاعة وتحفيز الطالب على التفكير الذاتي وبالتالي التعلم الذاتي.

- استخدام وسائل تعليمية مبتكرة مثل السبورة الذكية وعروض البيانات التي تقرب المادة إلى ذهن الطالب.

بنية المقرر

المادة النظرية	الاسبوع
التعريف بحقوق الانسان واهميتها وخصائصها	1
الاساس التاريخي لحقوق الانسان	2
حقوق الانسان في التاريخ المعاصر	3
المصادر الدولية لحقوق الانسان	4
المنظمات الغير الحكومية المعنية بحقوق الانسان	5
حقوق الانسان في الدساتير الوطنية	6
امتحان	7
الضمانات الكفيله بحماية حقوق الانسان	8
الاعلان العالمي لحقوق الانسان	9
مكونات او عناصر الديمقراطية الرئيسية	10
حقوق الانسان في دستور العراق سنة 2005	11
الحقوق المدنية والسياسية	12
الحقوق الاجتماعية والثقافية والاقتصادية	13
امثلة عامة	14
امتحان	15

تقييم المقرر







- الامتحان النظري النصفى الأول %15
- الامتحان النظري النصفى الثاني %15
- الامتحان النهائي %70
- المجموع 100

مصادر التعلم والتدريس

- حقوق الانسان – د.حميد حنون خالد



Course Description Form

Course Name:
Nutrition
Course Code:
NUT305
Semester / Year:
Third Year/ semester -I
Description Preparation Date:
30-1-2024
Available Attendance Forms:
Recording the student's attendance in theoretical lectures and practical laboratories
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 Burhan Hadi Email: Burhan.H.Drub@alkutcollege.edu.iq
Course Objectives
<ul style="list-style-type: none"> 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.

9. Course Outline:

Unit 1: Overview of nutrition, Assessment of nutritional Status: (2) hrs.

- Meaning of nutrition & nutrients.
- Classes of nutrient.
- Factors that influence the food intake.
- The role of diet in healthy status.

Unit 2: Dietary references and diet- planning Guides: (2) hrs.

- The basis for recommended dietary allowances (R.D.A).
- The Food table (Food Consumption pattern).

Unit 3: Metabolism of nutrients and energy balance: (2) hrs.

- How the body deals with energy in take above on below requirements.
- Food energy value (metabolisms).
- The body energy expenditure and energy balance.
- Type of measures related below and their strength and weakness.
 - Body mass index (BMI).
 - Body Circumference measurement.

Unit 4: Carbohydrate (Sugar, starch, and Fiber): (2) hrs.

- The chemistry of carbohydrate and fiber.
- Digestion of the Carbohydrate.
- Function of carbohydrate and fiber.
- Requirements of Carbohydrate and fiber.
- Sources of Carbohydrate and fiber.
- Various health effect of dietary fiber.

Unit 5: Lipids, Fats, Oil, Phospholipids, and Sterols: (2) hrs.

- Mono, di and tri glyceride Phospholipids and Sterols.
- The Families of essential fatty aids.
- The function of lipids and essential Fatty acids.
- Major sources of different types of dietary lipids.
- Requirement of lipids.

Unit 6: Protein and Amine Acids: (2) hrs.

- Definition of protein and amino acids.
- The function of protein.

- Requirements of protein.
- The protein quality.
- Nitrogen balance and the suitable situation to be positive or negative.

Unit 7: Vitamins: (2) hrs.

- Water Soluble Vitamins.
- Fat Soluble Vitamins.
- The difference between water and Fat Soluble Vitamins.
- The function of vitamins.
- The function, deficiency, symptoms. Toxic effect, Sources and stability for each vitamins.

Unit 8: Water and Minerals: (2) hrs.

- The role of water in the body and the body daily water requirements.
- The function of water in the body.
- The function of trace elements.

Unit 9: The healthiest diet: (2) hrs.

- The health advantages and potential problems of a vegetarian diet.
- The relation of fat, Fruit, vegetable grain, Sugar and salt to disease.

Unit 10: Nutrition during pregnancy and lactation: (3) hrs.

- Requirement of nutrition during pregnancy.
- Requirement of nutrition during lactation.

Unit 11: Infant nutrition: (3) hrs.

- Breast Feeding.
- Bottle Feeding.
- Weaning time.

Unit 12: Nutrition during Aging: (2) hrs.

Unit 13: The Concept of Western diseases: (4) hrs.

- Cardio Vascular disease.
- Diabetes mellitus.
- Obesity.
- Cancer.

- The role of diets in the Causation and Control diabetes mainly type -2- .
- The relationship between dietary Fat, blood cholesterol and the risk CHD.
- The role of dietary fiber, Fruit vegetable, Grams, alcohol in CHD.
- The role of fat, Sugar, fiber and Exercise in the causation and prevention of obesity.
- The possible role of fat in the Colon and breast cancer, and the role of dietary fiber in cancer of colon.

Unit 14: Malnutrition:

(2) hrs.

- Concept of Malnutrition.
- The role of protein (essential amino acid) in prevention of malnutrition.
- Methods used to prevent Malnutrition.

10. Learning Resources:

The board, overhead projector, handouts.

11. Teaching/ Learning Strategies:

Lecture, group discussion, writing reports.

12. Students Evaluation:

1 st theory Exam.	10%
2 nd theory Exam.	15%
Report	5%
Final theory Exam	70%

Total	100%

13. References:

- 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 Form

Course Name:

Pediatric Nursing

Course Code:

NUR 306

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: Asst. Lec. Nawfel Fadhil Hamza

Email: Nawfel.F@Alkutcollege.edu.iq

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.

Course Objectives

Course Learning Objectives (Theory and Clinical):

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

✚ At the end of this 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 interdisciplinary 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. Theoretical content:

Part 1. Introduction Pediatric Nursing.

- ✚ Perspectives of Pediatric Nursing
- ✚ Communication with children
- ✚ Immunization & immunity
- ✚ ·Health assessment of the child

Part 2. Newborn Care

- ✚ Immediate newborn care
- ✚ ·High risk neonate according to (gestational age, birth weight)
- ✚ ·Birth injuries (cerebral palsy, facial paralysis, cephalohematoma, brachial plexus, and caput succedaneum)

Part 3. Child with Respiratory dysfunctions:

- ✚ ·Upper Airway Infections (common cold, tonsillitis, otitis media)
- ✚ ·Lower Airway Infections (pneumonia, asthma, bronchitis, bronchiolitis)

Part 4. Child with Genitourinary dysfunction:

- ✚ ·Urinary tract infection
- ✚ Nephritic syndrome
- ✚ Glomerulonephritis
- ✚ Undescended testis

Part 5. Child with Gastrointestinal dysfunction:

- ✚ Gastroenteritis
- ✚ Cleft lip and palate
- ✚ pyloric stenosis
- ✚ Hirschsprung disease
- ✚ Imperforated anus
- ✚ Intussusception
- ✚ Celiac disease

Part 6. Child with Blood dysfunction:

- ✚ Iron deficiency anemia
- ✚ ·Thalassemia

- + Hemophilia
- + Sickle cell anemia
- + Glucose 6 phosphate dehydrogenase.

Part 7. Child with cardiovascular dysfunction:

- + Cyanotic heart diseases
- + ·Acyanotic heart diseases

Part 8. Child with neurological dysfunction

- + ·Spina bifida
- + ·Hydrocephalus
- + ·Meningitis

Part 9. Child with Endocrine dysfunction:

- + Diabetes mellitus
- + ·Growth hormone deficiency
- + Hypothyroidism

2. Clinical Content

Laboratory (pediatric nursing procedures): child physical exam, O₂ therapy, colostomy care, I.V fluid calculation, pediatric dose calculation, dressing, nasogastric tube care, incubator care, ORT.

Hospital setting (pediatric hospitals):

Medical ward (DVD, "respiratory infection care, diabetes care, malnutrition care, nebulizer care)

Surgical ward (nasogastric care, dressing, medication administration, pain management, check intake and output, vital sign)

Blood ward (care of bleeding disorders, CSF fluid care, bone marrow aspiration care, chemotherapy side effect care)

NICU (physiological jaundice care, incubator care, RDS, infection prevention, neonate feeding).

11. Course Evaluation

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

Course Description Form

Course Name:
Statistics
Course Code:
BST307
Semester / Year:
The second semester / third stage / pediatric
Description Preparation Date:
19/5/2024
Available Attendance Forms:
Recording students' attendance by giving the lecture
Number of Credit Hours (Total) / Number of Units (Total)
2 H
Course administrator's name
Assistant Lecturer :Haider Mansour Kadhem haider.daham@alkutcollege.edu.iq
Course Objectives
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
9. Teaching and Learning Strategies

1.Deliver the lecture using PowerPoint.

Week	Required Learning Outcomes
1	overview of the principles of statistics
2	Methods of collecting data and information
3	Comprehensive inventory method
4	Method and types of samples
5	Data tab
6	frequency
7	Exam 1
8	Measure of central location
9	Arithmetic mean
10	The Median
11	The Mode
12	Measure of Dispersion & Skewnes
13	statistics
14	General examples

15	Exam 2
Course Evaluation	
.The first midterm theoretical exam: 15%	
.The second midterm theoretical exam: 15%	
.Final exam 70%	
.Total 100	
Learning and Teaching Resources	
.Principles of Statistics - Amir Hanna Hormuz	
.Applied statistics – Dr. Khaled Al-Dhari, Dr. Amory Hadi, Dr. Abdel Moneim Kazem	

Course Description Form

Course Name:

Human growth and development

Course Code:

BST307

Semester / Year:

Third Year/ semester – I +II

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)

Total (4) credits:

Theory (1) credits

Lab. (2) credits

Clinical (3) credits

Total (6) hours weekly of (15) weeks

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

Name:Asst. Lec. Nawfel Fadhil Hamza

Email: [Nawfel.F @Alkutcollege.edu.iq](mailto:Nawfel.F@Alkutcollege.edu.iq)

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.

Course Objectives


At the completion of this course the students 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 beings 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.**

Course Structure

Date of Class	Unit to be Covered and/or Activity
Week 1	Overview of normal growth and development:
Week 2	Factors Influences on growth and development
Week3	Growth and development Measurement
Week 4	Developmental theories:
Week5	 Infancy period
Week 6	 Early childhood Period
Week 7	 Toddler and preschooler needs.
Week 8	 School period
Week 9	Development implications
Week 10	Adulthood young adulthood, Middle adulthood.
Week 11	Older adulthood.

Learning and Teaching Resources

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

مقرر مبادئ الديمقراطية

1 . اسم المقرر
مبادئ الديمقراطية
2. الفصل/السنة
المرحلة الثالثة
3. تاريخ اعداد هذا الوصف
2024-2-5
4 . اشكال الحضور المتاحة
تسجيل حضور الطلبة من خلال اعطاء المحاضرة
5. عدد الساعات (الكلي) عدد الوحدات (الكلي)
(2) ساعه خلال (15) اسبوع .
6. اسم مسؤول المقرر الدراسي
م.م منتظر هلال حميدي اللامي
7. وصف المقرر
في هذا المقرر يتعرف الطالب على مبادئ الاساسية لمبادئ الديمقراطية واشكالها ونظم الحكم والتعريف بالدولة واركائها وماهي المواطنة وسلطات الحكم وانواعها .
8. اهداف المقرر
<ul style="list-style-type: none">• التعرف على اسس ومبادئ الديمقراطية• التعرف على حقوق الانسان• التعريف بالدولة واركائها• التعريف بالسلطات واحكامها• ضمان الحقوق والحريات
9 . استراتيجيات التعليم والتعلم
<ul style="list-style-type: none">• القاء المحاضرة باستعمال برنامج PowerPoint

- المناقشة المستمرة من خلال طرح الأسئلة والأجوبة في القاعة وتحفيز الطالب على التفكير الذاتي وبالتالي التعلم الذاتي.
- استخدام وسائل تعليمية مبتكرة مثل السبورة الذكية وعروض البيانات التي تقرب المادة إلى ذهن الطالب.

10 . بنية المقرر

المادة النظرية	الاسبوع
التعريف الديمقراطية	1
التمييز بين الديمقراطية من جهة والشورى من جهة اخرى	2
العلاقة بين الحقوق والحريات العامة	3
مفهوم الانتخاب وشروطه	4
سلطات الدولة	5
الدولة واركائها	6
امتحان	7
ضمان الحقوق والحريات	8
اشكال الديمقراطية	9
مكونات او عناصر الديمقراطية الرئيسية	10
اركان النظام الديمقراطي	11
تقييم النظام الديمقراطي (ايجابياته وسلبياته)	12
واقع الديمقراطية في العراق والوطن العربي	13
واجبات المواطن في ظل الديمقراطية	14
امتحان	15

11 . تقييم المقرر

- الامتحان النظري النصفى الأول 15%
- الامتحان النظري النصفى الثاني 15%
- الامتحان النهائي 70%
- المجموع 100

مصادر التعلم والتدريس

- الديمقراطية – د. وجيه قانصو