

Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIED SCIENCES

SCIENCES



Bachelor Program : Anesthesia Technician Faculty of Medical Applied Science

Course Specification of Fundamental of Nursing II

Course No. (04 01 820)

2024

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr: Abdulhameed Al-Dhifani

Course Specification

I. Course Identification and General Information:						
1	Course Title:	Fundamental of Nursing II				
2	Course Code & Number:	(04 01 820)				
3	Credit hours:	C.H				TOTAL
		Th.	Seminar	Pr	Tr.	
		3		4		6
4	Study level/ semester at which this course is offered:	First year – second semester				
5	Pre –requisite (if any):	Fundamental of nursing				
6	Co –requisite (if any):	Basic science				
7	Program (s) in which the course is offered:	Bachelor degree of Anesthesia Technician				
8	Language of teaching the course:	English				
9	Study System:	Regular (semester)				
10	Mode of Delivery:	Full Time				
11	Location of teaching the course:	Faculty of Medical Applied Science				
12	Prepared By:	Associate Prof. Abdulhameed Al-Thaifani				
13	Date of Approval	2024 – 1446 ^{Ah}				

II. Course Description:

The course concerns on the development of student's skills and practices needed in hospital setting, such as the nursing process, urinary elimination, bowel elimination, oxygenation, nutritional needs, diagnostic testing, fluid, electrolyte, and acid – base balances, care of terminally ill patient, and stress & adaptation & coping.

III. Course Intended Learning Outcomes (CILOs) :

(مخرجات تعلم المقرر)

Referenced PILOs

(مخرجات تعلم البرنامج)

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

A. Knowledge and Understanding: Upon successful completion of the course, students will be able to:

a1	Describe the significance of nursing theories, assessment, planning, implementation and evaluation of nursing care, and nutrition and elimination needs of the patients.	A2	Demonstrate the concepts and principles of anesthesia and different basic and humanities courses and its applications in anesthesia practice
a2	Explain loss, death and grief, stress and adaptation , the concept of fluid, electrolyte balance, and patients' oxygenation needs.	A1	Describe normal and abnormal human behaviors, structure and function of human body and identify the basics of intensive care, medical emergencies that the anesthetist and high dependency care units and how to manage patients at risk.
a3	Explain types of specimens, and identify normal values of tests.	A4	Demonstrate knowledge of the basic general pharmacodynamics and pharmacokinetics of drugs at all age groups and the pharmacology of all anaesthetic

B. Intellectual Skills: Upon successful completion of the course, students will be able to:

b1	Compare between interal & parentral feeding, Metabolic- acidosis & alkalosis & general adaptation syndrome, local adaptation syndrome	B1	Synthesize knowledge derived from, medical, anesthesia, basic sciences and humanities courses into the practice of anesthesia
----	---	----	---

C. Professional and Practical Skills: Upon successful completion of the course, students will be able to:

c1	Demonstrate skills in assessing and performing First Aid; assist patients to adopt various coping strategies, perform different hygienic measures, and provide nasogastric tube	C1	Administer a range of assessment techniques, procedures and management appropriate to patient condition and maintain fluid therapy and blood transfusion.
----	---	----	---

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

c2	Demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances & meet the oxygenation and elimination needs of patient, and collect samples for investigation.	C2	Perform an approach to the assessment of risk and need for consultation for an anesthetics, identify appropriate laboratory investigations, pre-medications and fasting guidelines and Set up anesthesia machine and its connections and demonstrate appropriate application and interpretation of commonly used monitors in anesthesia preoperatively
D. Transferable Skills: Upon successful completion of the course, students will be able to:			
d1	Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues	D1	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
a1. Describe the significance of nursing theories, assessment, planning, implementation and evaluation of nursing care, and nutrition and elimination needs of the patients.	▪ Lecture ▪ Discussion ▪ Demonstration ▪ Exercise ▪ Supervised Clinical practice	▪ Essay ▪ Short answers ▪ Objective type ▪ Visit report ▪ Evaluation of care plan
a2. Explain loss, death and grief, stress and adaptation , the concept of fluid, electrolyte balance, and patients' oxygenation needs.	▪ Lecture ▪ Discussion ▪ Demonstration ▪ Exercise ▪ Supervised Clinical practice	▪ Essay ▪ Short answers ▪ Objective type ▪ Visit report ▪ Evaluation of care plan

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

a3. Explain types of specimens, and identify normal values of tests.	▪ Lecture ▪ Discussion ▪ Demonstration ▪ Exercise ▪ Supervised Clinical practice	▪ Essay ▪ Short answers ▪ Objective type ▪ Visit report ▪ Evaluation of care plan
(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
b1. Compare between interal & parentral feeding, Metabolic-acidosis & alkalosis & general adaptation syndrome, local adaptation syndrome	▪ Lecture ▪ Seminar (discussion) ▪ Group work (cooperative Learning) ▪ Individual work	▪ Tests ▪ Oral examination (Viva) ▪ Midterm & Final written examination ▪ Case & topic presentation
© Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
c1. Demonstrate skills in assessing and performing First Aid; assist patients to adopt various coping strategies, perform different hygienic measures, and provide nasogastric tube	▪ Seminar (discussion) ▪ Individual and group work ▪ Role play	▪ Tests ▪ Midterm & Final clinical exams
c2. Demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances & meet the oxygenation and elimination needs of patient, and collect samples for investigation.	▪ Seminar (discussion) ▪ Individual and group work ▪ Role play	▪ Tests ▪ Midterm & Final clinical exams
		▪
(D) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies:		

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri , Dr Abdulsalam Dallak

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1. Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues	- Group work - Case Study - Role play	- Evaluation of group work - Evaluation of student works - Observation

IV. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No of Weeks	Lecture hours	Learning Outcomes
1	The Nursing Process	The Nursing Process - Critical Thinking Competencies, Attitudes for Critical Thinking, Levels of critical thinking in Nursing Nursing Process Overview Assessment - Collection of Data: Types, Sources, Methods - Organizing Data - Validating Data - Documenting Data Nursing Diagnosis - Identification of client problems, risks and strengths - Nursing diagnosis statement-parts, Types, Formulating, Guidelines for formulating Nursing Diagnosis - NANDA approved diagnoses - Difference between medical and nursing diagnosis Planning - Types of planning	1-3 rd weeks	12	a1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		▪ Establishing Priorities ▪ Establishing Goals and Expected Outcomes- Purposes, types, guidelines, Components of goals and outcome statements ▪ Types of Nursing Interventions, Selecting interventions: Protocols and Standing Orders ▪ Introduction to Nursing Intervention Classification and Nursing Outcome Classification ▪ Guidelines for writing care plan ○ Implementation ▪ Process of Implementing the plan of care ▪ Types of care - Direct and Indirect ○ Evaluation ▪ Evaluation Process, Documentation and Reporting			
		Nursing Theories: Introduction ▪ Meaning & Definition, Purposes, Types of theories with examples, Overview of selected nursing theories- Nightingale, Orem, Roy ▪ Use of theories in nursing practice			
2	Elimination needs	Elimination needs Urinary Elimination ▪ Review of Physiology of Urine Elimination, Composition and characteristics of urine ▪ Factors Influencing Urination ▪ Alteration in Urinary Elimination ▪ Facilitating urine elimination: assessment, types, equipment, procedures and special considerations ▪ Providing urinal/bed pan	4 th - 5 th week	8	a3, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

		▪ Care of patients with ▪ Condom drainage ▪ Intermittent Catheterization ▪ Indwelling Urinary catheter and urinary drainage ▪ Urinary diversions ▪ Bladder irrigation ▪ Bowel Elimination ▪ Review of Physiology of Bowel Elimination, Composition and characteristics of feces ▪ Factors affecting Bowel elimination ▪ Alteration in Bowel Elimination ▪ Facilitating bowel elimination: ▪ Assessment, equipment, procedures ▪ Enemas ▪ Suppository ▪ Bowel wash ▪ Digital Evacuation of impacted feces ▪ Care of patients with Ostomies (Bowel Diversion Procedures)			
3	Oxygenation & nutritional needs	Oxygenation needs ▪ Review of Cardiovascular and Respiratory Physiology ▪ Factors affecting respiratory functioning ▪ Alterations in Respiratory Functioning ▪ Conditions affecting ○ airway ○ movement of air ○ diffusion ○ Oxygen transport ▪ Alterations in oxygenation ▪ Nursing interventions to promote oxygenation: assessment, types, equipment used & procedure ▪ Maintenance of patent airway	6 th – 7 th week	8	a1, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

		▪ Oxygen administration ▪ Suctioning- oral, tracheal ▪ Chest physiotherapy Percussion, Vibration & Postural drainage ▪ Care of Chest drainage- principles & purposes ▪ Pulse Oximetry- Factors affecting measurement of oxygen saturation using pulse oximeter, Interpretation ▪ Restorative & continuing care ▪ Hydration ▪ Humidification ▪ Coughing techniques ▪ Breathing exercises ▪ Incentive spirometry			
		Nutritional needs ▪ Importance ▪ Factors affecting nutritional needs ▪ Assessment of nutritional status ▪ Review: special diets- Solid, Liquid, Soft ▪ Review on therapeutic diets ▪ Care of patient with Dysphagia, Anorexia, Nausea, Vomiting ▪ Meeting Nutritional needs: principles, equipment, procedure, indications Oral ▪ Enteral: Nasogastric/ Orogastic, ▪ Introduction to other enteral feedtypes, indications, Gastrostomy, Jejunostomy ▪ Parenteral- TPN			
		Midterm exam	8th week	2	a1, a2, b1, d1
4	Diagnostic	Diagnostic testing	9 th week	8	a3, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

	testing	Phases of diagnostic testing (pre-test, intra-test & post-test) in common investigations & clinical implications ○ Complete Blood Count ○ Serum Electrolytes ○ LFT ○ Lipid/Lipoprotein profile ○ Serum Glucose- AC, PC, HbA1c ○ Monitoring Capillary Blood glucose (Glucometer Random Blood Sugar GRBS) ○ Stool Routine Examination ○ Urine Testing- Albumin, Acetone, pH, Specific Gravity ○ Urine Culture, Routine, Timed Urine Specimen ○ Sputum culture ○ Overview of Radiologic & Endoscopic Procedures			
5	Fluid, Electrolyte, and Acid – Base Balances	Fluid, Electrolyte, and Acid – Base Balances • Review of Physiological Regulation of Fluid, Electrolyte, and Acid – Base Balances • Factors Affecting Fluid, Electrolyte, and Acid – Base Balances • Disturbances in fluid volume: - o Deficit- ▪ Hypovolemia ▪ Dehydration - o Excess- ▪ Fluid overload ▪ Edema ○ Electrolyte imbalances (hypo and hyper) - o Acid-base imbalances ▪ Metabolic- acidosis & alkalosis ▪ Respiratory- acidosis &	10 th -11 th week	8	a2, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		- alkalosis - Intravenous therapy - Peripheral venipuncture sites - Types of IV fluids - Calculation for making IV fluid plan - Complications of IV fluid therapy - Measuring fluid intake and output - Administering Blood and Blood components - Restricting fluid intake - Enhancing Fluid intake			
6	Care of Terminally ill, Stress & Adaptation & Coping	Care of Terminally ill, death and dying Loss- Types Grief, Bereavement & Mourning - Types of Grief responses - Manifestations of Grief - Factors influencing Loss & Grief Responses - Theories of Grief & Loss-Kubler Ross 5 Stages of Dying - The R Process model (Rando's) Death- Definition, Meaning, Types (Brain & Circulatory Deaths) - Signs of Impending Death - Dying patient's Bill of Rights - Care of Dying Patient - Physiological changes occurring after Death - Death Declaration, Certification, Autopsy, Embalming - Last office/Death Care - Counseling & supporting grieving relatives - Placing body in the Mortuary - Releasing body from Mortuary	12 th -14 th weeks	8	a2, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		Overview- Medico-legal Cases, advance directives, DNI/DNR, Organ Donation, Euthanasia			
		Stress and Adaptation-Introductory concepts - Introduction - Sources, Effects, Indicators & Types of Stress - Types of stressors - Stress Adaptation- General adaptation Syndrome (GAS), Local Adaptation Syndrome (LAS) - Manifestation of stress- Physical & psychological			
		Coping strategies/ Mechanisms - Stress Management - Assist with coping and adaptation - Creating therapeutic environment - Recreational and diversion therapies			
		Final exam	15 th week	2	a1,a2, a3, b1, d1
Number of Weeks /and Units Per Semester			14	56	

B – Practical Aspect: (if any)				
Order	Topics List	Week Due	Contact Hours	Learning Outcomes
1	Sponge bath, oral hygiene, perineal care	1 st – 2 nd week	8	c1,
2	Nutritional Assessment	3 rd week	8	b1, c1, d1
3	Nasogastric tube feeding	4 th week	8	b1, c1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

4	Providing bed pan & urinal Catheter care	5 th week	8	b1, c2, d1
6	Bowel wash, enema, insertion of suppository	6 th week	4	b1, c2, d1
7	Midterm exam	8 th week	2	b1, c1, c2, d1
8	Perform diagnostic test	13 th week	4	b1, c2, d1
9	Oxygen administration- face mask, venture mask, nasal prongs	8 th week	4	b1, c2, d1
10	Administration of medication through Parenteral route IM, SC, ID, IV fluid infusion, canula,	9 th – 12 th weeks	8	b1, c3, d1
11	Final examination	14 th week	2	b1, c1, c2, c3, d1
Number of Weeks /and Units Per Semester		14	56	

V. Teaching strategies of the course:

Practical

- Labs and videos
- Audiovisuals aids.
- Group discussions.
- Selected self readings
- Written assignments
- Student's presentations
- Occasional lectures (local & guest speakers)
- Use of electronic resources (Internet & databases)

VI. Assessment Methods of the Course:

- **Final** written exam
- **Midterm** exam
- **Oral** Presentation
- **Class & Clinical** evaluation
- **Weekly reports & final Case study** paper
- Assignments

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

VII. Assignments:

No	Assignments	Aligned CILOs (symbols)	Week Due	Mark
1	Perform nursing care plan for 3 topics	a1, a2, d1	10 th Week	5
2	Visit mortuary and make a report	a1, a2, d1	12 th Week	5

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Final written exam	15 th week	40%	MCQ	a1,a2, a3, b1, d1
2	Midterm exam	7 th week	20%	MCQ	a1,a2, b1, d1
3	Oral Presentation	13 th week	10%	Guideline is attached	a1,a2, a3, b1, d1
4	Class & Clinical evaluation	1 st -12 th weeks	10%	Guideline is attached	a1,a2, a3, c1, c2, c3, b1, d1
5	Weekly reports & final Case study paper	1 st -12 th weeks	10%	Clinical log & competency objectives manual are attached	a1,a2, a3, b1, d1
6	Assignments	10 th -12 th weeks	10%	Guideline is attached	a1,a2, d1
	Total		100%		

IX. Learning Resources:

- Written in the following order: (Author - Year of publication – Title – Edition – Place of publication – Publisher).

1- Required Textbook(s) (maximum two).

1. Kozier and Erb's (2018) FUNDAMENTALS OF NURSING Concepts, Process and Practice 4th Ed Australian, New York, Addison Wesley Longman
2. Taylor's (2019). Clinical Nursing Skills A Nursing Process Approach 4th

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

	Ed. LWW - Yyalar G. and Lillis C.,(2005). Fundamentals of Nursing, The Art and science of nursingcare. LWW Comp. - Smith PE., (2005): Tyylor's Clinical Nursing Skills, Nursing process Approch. LWW Comp - Indrani TK (2003) First Aid for Nurses. Jaypeebrothers. New Delhi. Renee, semonin.Hollaran. ASTNA patient transport principles ,4th ed, 2010 ,united state of America - Rosdahl CB. and Kowalski MI. (2003): Text Book of Nursing, 8th ed., LWW
2- Essential References.	
	- Brunner & Suddarth's (2018). Textbook of Medical-Surgical Nursing 14th Ed 2018. Philadelphia, Lippincott – Wilkins & Wilkins. - Perry & Potter (2020). Fundamentals of Nursing-Elsevier 10th Ed - Lippincott (2019). Manual Of Nursing Practice 11th Ed - Concept Based Clinical Nursing Skills (2020). Fundamental to Advanced 1st Ed
3- Electronic Materials and Web Sites etc.	
	- LWW Medical Book Collection @OVID - EBSCO Academic Search Complete - Journal of emergency nursing up to date 2009 - www.half.com www.elsevier.com

X. Course Policies:	
1.	Class Attendance: - At least 75 % of the course hours should be attended by the student. - Student will not be allowed to attend the final exam if the absenteeism reached 25% of the course.
2.	Tardy: - Any student who is late for more than 15 minutes from starting the lecture with accepted apology will be allowed to attend the lecture for one time only. - Any student who is late for the second time will not be allowed to attend the lecture and will be considered absent.
3.	Exam Attendance/Punctuality:

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

	- Each student should attend the exam at the exact time - Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent - Student is allowed to leave the exam area only after passing the half of exam time
4.	Assignments & Projects: - Assignments and projects will be assessed individually unless the teacher request for group work - Assignments and projects will be presented according to time schedules, - Assignments and projects will not be accepted after 2 weeks of the allocated time, if the cause of late is not accepted by the teacher
5.	Cheating: - Cheating by any means will cause the student failure and he/she must re-study the course
6.	Plagiarism: - Cheating is not accepted under any situation, and penalty will be used - Cheating in one course will cause the student to fail in two courses - Plagiarism by any means will cause the student failure in the course. - Other disciplinary procedures will be according to the college rules
7.	Other policies: - Respect human dignity of the student, and his/her thoughts, & opinions - Any unaccepted behavior from the student, will be dealt accordingly

Second Part of Course Specification

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

Course Plan (Syllabus) of Fundamental of Nursing II

Course No. (04 01 820)

I. Information about Faculty Member Responsible for the Course:								
Name of Faculty Member:	Associate Prof. Abdulhameed Ali Lutf Al-Thaifani							
Location& Telephone No.:	775390533							
E-mail:			SAT	SUN	MON	TUE	WED	THU
Office Hours								

2024

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Hourri AlSabri .

Dr Abdulsalam Dallak

Template for Course Plan (Syllabus)

I. Course Identification and General Information:						
1	Course Title:	Fundamental of Nursing II				
2	Course Code & Number:	(04 01 820)				
3	Credit hours:	C.H				TOTAL
		Th.	Seminar	Pr	Tr.	
		4		4		6
4	Study level/ semester at which this course is offered:	First year – second semester				
5	Pre –requisite (if any):	Fundamental of Nursing I				
6	Co –requisite (if any):	Basic science				
7	Program (s) in which the course is offered:	Bachelor degree of Anesthesia Technician				
8	Language of teaching the course:	English				
9	Study System:	Regular (semester)				
10	Mode of Delivery:	Full Time				
11	Location of teaching the course:	Faculty of Medicine and Health Sciences				
12	Prepared By:	Associate Prof. Abdulhameed Al-Thaifani				
13	Date of Approval	2024				

II. Course Description:

The course concerns on the development of student's skills and practices needed in hospital setting, such as the nursing process, urinary elimination, bowel elimination, oxygenation, nutritional needs, diagnostic testing, fluid, electrolyte, and acid – base balances, care of terminally ill patient, and stress & adaptation & coping.

III. Course Intended Learning Outcomes (CILOs) :

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

(مخرجات تعلم المقرر)	
B. Knowledge and Understanding: Upon successful completion of the course, students will be able to:	
a1	Describe the significance of nursing theories, assessment, planning, implementation and evaluation of nursing care, and nutrition and elimination needs of the patients.
a2	Explain loss, death and grief, stress and adaptation , the concept of fluid, electrolyte balance, and patients' oxygenation needs.
a3	Explain various types of specimens and identify normal values of tests.
B. Intellectual Skills: Upon successful completion of the course, students will be able to:	
b1	Compare between interal & parentral feeding, Metabolic- acidosis & alkalosis & general adaptation syndrome, local adaptation syndrome
C. Professional and Practical Skills: Upon successful completion of the course, students will be able to:	
c1	Demonstrate skills in assessing and performing First Aid; assist patients to adopt various coping strategies
c2	Demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances & meet the elimination needs of patient, & collect samples for investigation.
D. Transferable Skills: Upon successful completion of the course, students will be able to:	
d1	Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

XI. Course Content:					
A – Theoretical Aspect:					
Order	Units/Topics List	Sub Topics List	No of Weeks	Lecture hours	Learning Outcomes
1	The Nursing Process	The Nursing Process - Critical Thinking Competencies, Attitudes for Critical Thinking, Levels of critical thinking in Nursing Nursing Process Overview Assessment - Collection of Data: Types, Sources, Methods - Organizing Data - Validating Data - Documenting Data Nursing Diagnosis - Identification of client problems, risks and strengths - Nursing diagnosis statement-parts, Types, Formulating, Guidelines for formulating Nursing Diagnosis - NANDA approved diagnoses - Difference between medical and nursing diagnosis Planning - Types of planning - Establishing Priorities - Establishing Goals and Expected Outcomes- Purposes, types, guidelines, Components of goals and outcome statements - Types of Nursing Interventions, Selecting interventions:	1-3 rd weeks	12	a1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		- Protocols and Standing Orders - Introduction to Nursing - Intervention Classification and Nursing Outcome Classification - Guidelines for writing care plan - Implementation - Process of Implementing the plan of care - Types of care - Direct and Indirect - Evaluation - Evaluation Process, Documentation and Reporting			
		Nursing Theories: Introduction - Meaning & Definition, Purposes, Types of theories with examples, Overview of selected nursing theories- Nightingale, Orem, Roy - Use of theories in nursing practice			
2	Elimination needs	Elimination needs Urinary Elimination - Review of Physiology of Urine Elimination, Composition and characteristics of urine - Factors Influencing Urination - Alteration in Urinary Elimination - Facilitating urine elimination: assessment, types, equipment, procedures and special considerations - Providing urinal/bed pan - Care of patients with - Condom drainage - Intermittent Catheterization - Indwelling Urinary catheter and urinary drainage - Urinary diversions - Bladder irrigation	4 th - 5 th week	8	a3, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

		Bowel Elimination - Review of Physiology of Bowel Elimination, Composition and characteristics of feces - Factors affecting Bowel elimination - Alteration in Bowel Elimination - Facilitating bowel elimination: Assessment, equipment, procedures - Enemas - Suppository - Bowel wash - Digital Evacuation of impacted feces - Care of patients with Ostomies (Bowel Diversion Procedures)			
3	Oxygenation & nutritional needs	Oxygenation needs - Review of Cardiovascular and Respiratory Physiology - Factors affecting respiratory functioning - Alterations in Respiratory Functioning - Conditions affecting - airway - movement of air - diffusion - Oxygen transport - Alterations in oxygenation - Nursing interventions to promote oxygenation: assessment, types, equipment used & procedure - Maintenance of patent airway - Oxygen administration - Suctioning- oral, tracheal - Chest physiotherapy Percussion, Vibration & Postural drainage - Care of Chest drainage-principles & purposes	6 th – 7 th week	8	a1, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		- Pulse Oximetry- Factors affecting measurement of oxygen saturation using pulse oximeter, Interpretation - Restorative & continuing care - Hydration - Humidification - Coughing techniques - Breathing exercises - Incentive spirometry			
		Nutritional needs - Importance - Factors affecting nutritional needs - Assessment of nutritional status - Review: special diets- Solid, Liquid, Soft - Review on therapeutic diets - Care of patient with Dysphagia, Anorexia, Nausea, Vomiting - Meeting Nutritional needs: principles, equipment, procedure, indications Oral - Enteral: Nasogastric/ Orogastic, - Introduction to other enteral feedstypes, indications, Gastrostomy, Jejunostomy - Parenteral- TPN			
		Midterm exam	8th week	2	a1, a2, b1, d1
4	Diagnostic testing	Diagnostic testing Phases of diagnostic testing (pre-test, intra-test & post-test) in common investigations & clinical implications - Complete Blood Count - Serum Electrolytes - LFT - Lipid/Lipoprotein profile	9 th week	8	a3, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

		○ Serum Glucose- AC, PC, HbA1c ○ Monitoring Capillary Blood glucose (Glucometer Random Blood Sugar GRBS) ○ Stool Routine Examination ○ Urine Testing- Albumin, Acetone, pH, Specific Gravity ○ Urine Culture, Routine, Timed Urine Specimen ○ Sputum culture ○ Overview of Radiologic & Endoscopic Procedures			
5	Fluid, Electrolyte, and Acid – Base Balances	Fluid, Electrolyte, and Acid – Base Balances • Review of Physiological Regulation of Fluid, Electrolyte, and Acid – Base Balances • Factors Affecting Fluid, Electrolyte, and Acid – Base Balances • Disturbances in fluid volume: - o Deficit- ▪ Hypovolemia ▪ Dehydration - o Excess- ▪ Fluid overload ▪ Edema ○ Electrolyte imbalances (hypo and hyper) - o Acid-base imbalances ▪ Metabolic- acidosis & alkalosis ▪ Respiratory- acidosis & alkalosis ▪ Intravenous therapy ▪ Peripheral venipuncture sites ▪ Types of IV fluids ▪ Calculation for making IV fluid plan ▪ Complications of IV fluid	10 th -11 th week	8	a2, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		- therapy - Measuring fluid intake and output - Administering Blood and Blood components - Restricting fluid intake - Enhancing Fluid intake			
6	Care of Terminally ill, Stress & Adaptation & Coping	Care of Terminally ill, death and dying Loss- Types Grief, Bereavement & Mourning - Types of Grief responses - Manifestations of Grief - Factors influencing Loss & Grief Responses - Theories of Grief & Loss-Kubler Ross 5 Stages of Dying - The R Process model (Rando's) Death- Definition, Meaning, Types (Brain & Circulatory Deaths) - Signs of Impending Death - Dying patient's Bill of Rights - Care of Dying Patient - Physiological changes occurring after Death - Death Declaration, Certification, Autopsy, Embalming - Last office/Death Care - Counseling & supporting grieving relatives - Placing body in the Mortuary - Releasing body from Mortuary - Overview- Medico-legal Cases, advance directives, DNI/DNR, Organ Donation, Euthanasia Stress and Adaptation-Introductory concepts - Introduction	12 th -14 th weeks	12	a2, b1, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

		- Sources, Effects, Indicators & Types of Stress - Types of stressors - Stress Adaptation- General adaptation Syndrome (GAS), Local Adaptation Syndrome (LAS) - Manifestation of stress- Physical & psychological			
		Coping strategies/ Mechanisms - Stress Management - Assist with coping and adaptation - Creating therapeutic environment - Recreational and diversion therapies			
		Final exam	15 th week	2	a1,a2, a3, b1, d1
Number of Weeks /and Units Per Semester			16	60	

B – Practical Aspect: (if any)				
Order	Topics List	Week Due	Contact Hours	Learning Outcomes
1	Sponge bath, oral hygiene, perineal care	1 st – 2 nd week	8	c1,
2	Nutritional Assessment	3 rd week	8	b1, c1, d1
3	Nasogastric tube feeding	4 th week	8	b1, c1, d1
4	Providing bed pan & urinal Catheter care	5 th week	8	b1, c2, d1
6	Bowel wash, enema, insertion of suppository	6 th week	8	b1, c2, d1
7	Midterm exam	8 th week	2	b1, c1, c2, d1

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

8	Perform diagnostic test	13 th week	4	b1, c2, d1
9	Oxygen administration- face mask, venture mask, nasal prongs	8 th week	4	b1, c2, d1
10	Administration of medication through Parenteral route IM, SC, ID, IV fluid infusion, canula,	9 th – 12 th weeks	8	b1, c3, d1
11	Final examination	14 th week	2	b1, c1, c2, c3, d1
Number of Weeks /and Units Per Semester		16	60	

IV. Teaching strategies of the course:

- Labs and videos
- Audiovisuals aids.
- Group discussions.
- Selected self readings
- Written assignments
- Student's presentations
- Occasional lectures (local & guest speakers)
- Use of electronic resources (Internet & databases)

V. Assessment Methods of the Course:

- **Final** written exam
- **Midterm** exam
- **Oral** Presentation
- **Class & Clinical** evaluation
- **Weekly reports & final Case study** paper
- Assignments

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
----	-------------	------------------------	----------	------

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

1	Perform nursing care plan for 3 topics	a1, a2, d1	10 th Week	5
2	Visit mortuary and make a report	a1, a2, d1	12 th Week	5

VII. Schedule of Assessment Tasks for Students During the Semester:				
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment
1	Final written exam	15 th week	40%	
2	Midterm exam	7 th week	20%	
3	Oral Presentation	13 th week	10%	
4	Class & Clinical evaluation	1 st -12 th weeks	10%	
5	Weekly reports & final Case study paper	1 st -12 th weeks	10%	
6	Final clinical exam	14 th weeks	10%	
	Total		100%	

VIII. Learning Resources:
• Written in the following order: (Author – Year of publication – Title – Edition – Place of publication – Publisher).
1- Required Textbook(s) (maximum two).
1. 1- Kozier and Erb's (2018) FUNDAMENTALS OF NURSING Concepts, Process and Practice 4 th Ed Australian, New York, Addison Wesley Longman 2. Taylor's (2019). Clinical Nursing Skills A Nursing Process Approach 4 th Ed. LWW2-
2- Essential References.
1. Brunner & Suddarth's (2018). Textbook of Medical-Surgical Nursing 14 th Ed 2018. Philadelphia, Lippincott – Wilkins & Wilkins. 2. Perry & Potter (2020). Fundamentals of Nursing-Elsevier 10 th Ed 3. Lippincott (2019). Manual Of Nursing Practice 11 th Ed 4. Concept Based Clinical Nursing Skills (2020). Fundamental to Advanced 1 st Ed
3- Electronic Materials and Web Sites etc.

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri .

Dr Abdulsalam Dallak

- 1- LWW Medical Book Collection @OVID
- EBSCO Academic Search Complete
- Journal of emergency nursing up to date 2009
- www.half.com
- www.elsevier.com

IX. Course Policies:

1.	Class Attendance: - At least 75 % of the course hours should be attended by the student. - Student will not be allowed to attend the final exam if the absenteeism reached 25% of the course.
2.	Tardy: - Any student who is late for more than 15 minutes from starting the lecture with accepted apology will be allowed to attend the lecture for one time only. - Any student who is late for the second time will not be allowed to attend the lecture and will be considered absent.
3.	Exam Attendance/Punctuality: - Each student should attend the exam at the exact time - Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent - Student is allowed to leave the exam area only after passing the half of exam time
4.	Assignments & Projects: - Assignments and projects will be assessed individually unless the teacher request for group work - Assignments and projects will be presented according to time schedules, - Assignments and projects will not be accepted after 2 weeks of the allocated time, if the cause of late is not accepted by the teacher
5.	Cheating: - Cheating by any means will cause the student failure and he/she must re-study the course
6.	Plagiarism: - Cheating is not accepted under any situation, and penalty will be used - Cheating in one course will cause the student to fail in two courses - Plagiarism by any means will cause the student failure in the course. - Other disciplinary procedures will be according to the college rules

Prepared by:

Reviewed by:

Head of the Department:

Quality Unit:

Dean

Dr. Abdulhameed Al-Thaifani

Dr Fares Mahdi

Dr : Fares Mahdi

Dr:Houri AlSabri . Dr Abdulsalam Dallak

7.	Other policies: - Respect human dignity of the student, and his/her thoughts, & opinions - Any unacceptable behavior from the student, will be dealt accordingly
----	---

Prepared by:

Dr. Abdulhameed Al-
Thaifani

Reviewed by:

Dr Fares Mahdi

Head of the Department:

Dr : Fares Mahdi

Quality Unit:

Dr:Houri AlSabri .

Dean

Dr Abdulsalam Dallak