

Course Specification

I. Course Identification and General Information:					
1	Course Title:	Critical care nursing II			
2	Course Code & Number:	MCCN03			
3	Credit hours: 4	C.H			TOTAL
		Th.	Seminar	Pr	
		2	-	-	2
4	Study level/ semester at which this course is offered:	First year/ Second semester			
5	Pre –requisite:				
6	Co –requisite :	-			
7	Program (s) in which the course is offered:	Critical care nursing			
8	Language of teaching the course:	English			
9	Location of teaching the course:	Faculty of Nursing			
10	Prepared By:	Dr. Fauz Abolghth			
11	Date of Approval	2022			

II. Course Description:

The course focuses on the essentials nursing interventions undertaken for the patient admitted to critical care unit, identification of the priorities and principles of caring for a critically ill patient and his family.

III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

ILCOs	PILOs
1. Identify concepts and principles of assessment and nursing process pertaining to complex medical and surgical conditions.	A5
2. Discuss etiology, clinical manifestations, complications, diagnosis and management of most critical diseases.	A4
3. Expire the psychosocial and teaching needs surrounding therapy for patients and their family and arrange to meet such needs.	B1
4. Use critical care nursing modalities in the critical care units.	C2
5. Apply assessment, measures history, physical examination and diagnosis to identify a specific body system disorder.	C3
6. Manage patients with critical care diseases.	C4
7. Apply nursing care plan to critical ill patients.	C5
8. Communicate effectively with patients and their families.	D3

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
a4. Discuss etiology, clinical manifestations, complications, diagnosis and management of most critical diseases.	Lecture Discussion Demonstration	Short answer questions Objective type
a5. Identify concepts and principles of assessment and nursing process pertaining to complex medical and surgical conditions.	Lecture Discussion Demonstration	Short answer questions Objective type

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
b1. Expire the psychosocial and teaching needs surrounding therapy for patients and their family and arrange to meet such needs.	Lecture Discussion Demonstration	Short answer questions Objective type

(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
c2. Use critical care nursing modalities in the critical care units.	Presentation Role ply Clinical session	Short answer questions Objective type Clinical evaluation
c3. Apply assessment, measures history, physical examination and diagnosis to identify a specific body system disorder.	Presentation Role ply Clinical session	Short answer questions Objective type Clinical evaluation
c4. Manage patients with critical care diseases.	Presentation Role ply Clinical session	Short answer questions Objective type Clinical evaluation
c5. Apply nursing care plan to critical ill patients.	Presentation Role ply Clinical session	Short answer questions Objective type Clinical evaluation

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d3. Communicate effectively with patients and their families.	Lecture-Discussion Demonstration	Short answer questions Objective type

IV. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes
1	Coronary components of critical care nursing	<ul style="list-style-type: none"> • Assessment of cardiovascular system • Related anatomy and physiology • Assessment of cardiovascular function <ul style="list-style-type: none"> ○ Diseases of the coronary arteries ○ Arrhythmias ○ Carcinogenic shock ○ Pacemakers 	2	4	a4,a5,b1, d3

		<ul style="list-style-type: none"> ○ Cardiovascular surgery ○ Cardiac assist devices ○ Clinical death and cardiopulmonary resuscitation 			
2	Pulmonary components of critical care nursing	<ul style="list-style-type: none"> ● Related anatomy and physiology ● Assessment of respiratory system ● Nursing process pertaining to pulmonary function ● Acute respiratory failure ● Chronic obstructive pulmonary diseases <ul style="list-style-type: none"> ○ Chronic bronchitis ○ Pulmonary emphysema ○ Bronchial asthma ○ Status asthmatics ● Restrictive diseases of lung <ul style="list-style-type: none"> ○ Pulmonary embolism ○ Pneumothorax ○ Pulmonary edema ○ Pneumonia ● Thoracic surgery ● Nursing process pertaining to patients requiring ● Assistance with mechanical ventilation 	4	8	a4,a5,b1,d3
3	Medical components of critical care nursing	<p>Nursing process pertaining to:</p> <ul style="list-style-type: none"> ● Hepatic failure ● Diabetic acidosis ● Hyperosmolar hyperglycemic nondetocidotic diabetes ● Endocrine changes in critically III patient ● Drug over dosage 	4	8	a4,a5,b1,d3

		<ul style="list-style-type: none"> • Disseminated intravascular coagulation • Multiple organ failure • Acquired immunodeficiency syndrome 			
4	Midterm exam		1	2	a4,a5,b1,d3
5	Surgical components of critical care nursing	<ul style="list-style-type: none"> • Fluid and electrolyte imbalance • Total parenteral nutrition • Pain • Nursing process pertaining to complex surgical conditions <ul style="list-style-type: none"> ○ Acute abdomen ○ Transplantation ○ Bleeding in surgical patient ○ Septic syndrome ○ Pancreatic disease • Postoperative patient in critical care unit • Preventing post anesthetic complication 	4	8	a4,a5,b1,d3
6	Neurological components of critical care nursing	<ul style="list-style-type: none"> • Nursing process pertaining to specific neurological conditions <ul style="list-style-type: none"> ○ Space occupying lesions ○ Head injury ○ Ischemic brain injury ○ Epilepsy ○ Acute spinal cord injury ○ Guilliani – barre syndrome ○ Cerebrovascular accident 	2	4	a4,a5,b1,d3

		o Neurosurgery			
7	Final exam		1	2	a4,a5,b1 d3
Number of Weeks /and Units Per Semester			16	32	

B– Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	Contact hours	Learning Outcomes
1	critical care nursing of coronary	1-2	6	c2,c3,c4,c5
2	critical care nursing of pulmonary	3-6	12	c2,c3,c4,c5
3	critical care nursing of Medical conditions	7-10	12	c2,c3,c4,c5
4	critical care nursing of Surgical components	11-14	12	c2,c3,c4,c5
5	Final exam	15-16	6	c2,c3,c4,c5
Number of Weeks /and Units Per Semester		16	48	

V. Teaching strategies of the course:

1. Lecture Discussion
2. Demonstration
3. Role play
4. Clinical session

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Apply nursing care plan on 3 patients with critical diseases.	a5, c2,c3,c4,c5	5-10	10

VII. Schedule of Assessment Tasks for Students During the Semester					
No .	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Student assignment	5th- 12thweek	10	10 %	a4,a5,b1,d3
2	Presentation	4 st - 14 th week	20	20 %	a5, c2,c3,c4,c5
3	Mid-term exam	7th or 8 th week	20	20%	a4,a5,b1,d3
4	Final exam	16th-17th week	50	50 %	a4,a5,b1,d3
Total Theory Weight			100	100%	

Clinical part					
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Attitude	14 th week	10	10%	a5,c2,c3,c4,c5
2	Semester work	1 st - 14 th week	50	10%	a5,c2,c3,c4,c5
3	Final exam (theory/ oral)	15 th week	15	50%	a5,c2,c3,c4,c5
4	Final exam (practical)	16 th -17 th week	25	30%	a5,c2,c3,c4,c5
Total Practical Weight			100	100%	

I. Learning Resources:	
1- Required Textbook(s)	
	1. Adam S.K. & Osborne critical care nursing 1 st ed . Oxford University press oxford 2007. 2. Hudak C.M & Benz J.J critical care nursing A holistic approach. Lippincott Philadelphia 2009.
2- Essential References.	
	1. Harkreader H., (2000). Client teaching. Fundamentals of nursing: Caring and clinical judgment.1 st ed. W. B. Saunders Company.
3- Electronic Materials and Web Sites etc.	
	1. http://www.google.mu/

II. Course Policies:

1.	Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam
2.	Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent.
3.	Exam Attendance/Punctuality: 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.
4.	Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work
5.	Cheating: Cheating by any means will cause the student failure and he/she must re-study the course
6.	Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules.

Course Plan (Syllabus)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member	Dr. Fauz Abolghth	Office Hours					
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU
E-mail@hotmail.com		x				

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3.	Credit hours: 4	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
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5.	Pre –requisite:					
6.	Co –requisite :	-				
7.	Program (s) in which the course is offered	Critical care nursing				
8.	Language of teaching the course:	English				
9.	System of Study:	Semester system				
10.	Mode of delivery:	Full time				
11.	Location of teaching the course:	Faculty of Nursing				

III. Course Description:	
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IV. Intended learning outcomes (ILOs) of the course:

1. Identify concepts and principles of assessment and nursing process pertaining to complex medical and surgical conditions.
2. Discuss etiology, clinical manifestations, complications, diagnosis and management of most critical diseases.
3. Explore the psychosocial and teaching needs surrounding therapy for patients and their family and arrange to meet such needs.
4. Use critical care nursing modalities in the critical care units.
5. Apply assessment, measures history, physical examination and diagnosis to identify a specific body system disorder.
6. Manage patients with critical care diseases.
7. Apply nursing care plan to critical ill patients.
8. Communicate effectively with patients and their families

V. Course Content:

- Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Coronary components of critical care nursing	1-2	4
2	Pulmonary components of critical care nursing	3-5	6
3	Medical components of critical care nursing	6-9	8
4	Midterm exam	10	2
5	Surgical components of critical care nursing	11-13	6
6	Neurological components of critical care nursing	14-15	4
7	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B– Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
1	critical care nursing of coronary	1-2	6
2	critical care nursing of pulmonary	3-5	9
3	critical care nursing of Medical conditions	6-8	9
4	critical care nursing of Surgical components	9-11	12
5	critical care nursing of neurological conditions	12-14	9
6	Final exam	15-16	6
Number of Weeks /and Units Per Semester		16	48

VI. Teaching strategies of the course:

1. Lecture Discussion
2. Demonstration
3. Role play

VII. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
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